



Georgia Power Company
Plant McIntosh Landfill No. 4
Permit No. 051-010D(LI)
Effingham County

2021 SEMIANNUAL GROUNDWATER MONITORING AND
CORRECTIVE ACTION REPORT



ATLANTIC COAST
CONSULTING, INC.

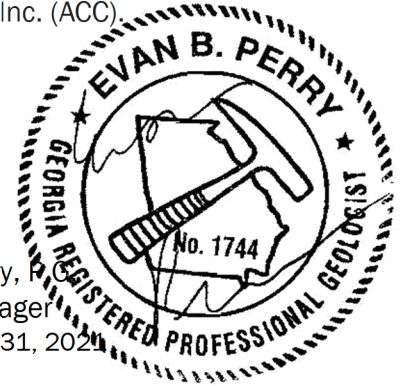
PROFESSIONAL CERTIFICATION

This *2021 Semiannual Groundwater Monitoring and Corrective Action Report, Georgia Power Company – Plant McIntosh Existing Landfill No. 4* has been prepared in compliance with the United States Environmental Protection Agency Coal Combustion Residuals Rule [40 Code of Federal Regulations (CFR) 257 Subpart D] and the Georgia Environmental Protection Division Rules for Solid Waste Management 391-3-4-.10 and 391-3-4-.14 by a qualified groundwater scientist or engineer with Atlantic Coast Consulting, Inc. (ACC).

ATLANTIC COAST CONSULTING, INC.



William M. Malone
Project Scientist
Date: August 31, 2021



Evan B. Perry,
Project Manager
Date: August 31, 2021

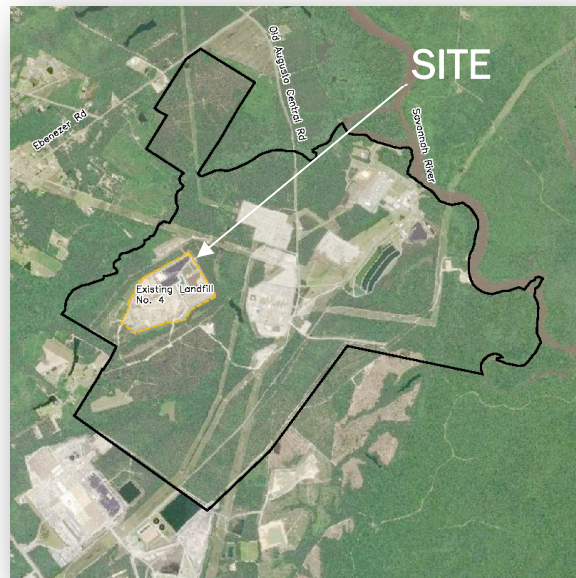
SUMMARY

This summary of the 2021 Semiannual Groundwater Monitoring and Corrective Action Report provides the January through June 2021 groundwater monitoring and corrective action program status for Georgia Power Company (Georgia Power) Plant McIntosh Landfill No. 4 (Site). This summary was prepared by Atlantic Coast Consulting, Inc. (ACC) on behalf of Georgia Power to meet the requirements listed in Part A, Section 6¹ of the United States Environmental Protection Agency (US EPA) Coal Combustion Residuals (CCR) Rule [40 Code of Federal Regulations (CFR) 257 Subpart D].

Plant McIntosh is located at 981 Old Augusta Central Road, approximately 4 miles northeast of the City of Rincon, and 20 miles north of the City of Savannah in Effingham County, Georgia. The Site is located on the western portion of the Plant McIntosh property.

The groundwater monitoring system is comprised of 10 upgradient and 9 downgradient wells installed during 2004, 2015, and 2016 to meet state monitoring requirements. Routine sampling and reporting began after background groundwater conditions were established between August 2004 and November 2006 in accordance with the Solid Waste Permit requirements specified in the Design and Operation (D&O) Plan. The monitoring program was modified to include Appendix III parameters to meet the requirements of 40 CFR § 257.90 through § 257.95. Background groundwater conditions for Appendix III and IV parameters were established between April 2016 and July 2017. During the 2021 semiannual reporting period, the Site remained in detection monitoring.

During the 2021 semiannual reporting period, ACC conducted one groundwater sampling event in March. Groundwater samples were submitted to Eurofins TestAmerica, Inc. (Eurofins) for analysis. Per the CCR Rule, groundwater results for March 2021 data were evaluated in accordance with the certified statistical methods. That evaluation indicated no statistically significant values of required parameters in any well.



PLANT MCINTOSH AND SITE

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

Based on review of the Appendix III statistical results completed for the groundwater monitoring and corrective action program from January through June 2021, the Site will continue in detection monitoring. Georgia Power will continue routine groundwater monitoring and reporting at the Site. Reports will be posted to Georgia Power's website and provided to the Georgia Environmental Protection Division (EPD) semiannually.

TABLE OF CONTENTS

Section	Page No.
1.0 INTRODUCTION	1
1.1 Site Description and Background	1
1.2 Regional Geology and Hydrogeologic Setting	1
1.3 Groundwater Monitoring Well Network and CCR Unit Description	2
2.0 GROUNDWATER MONITORING ACTIVITIES.....	2
2.1 Monitoring Well Installation and Maintenance.....	2
2.2 Detection Monitoring Program.....	2
2.3 Additional Sampling.....	3
3.0 SAMPLE METHODOLOGY AND ANALYSIS.....	3
3.1 Groundwater Flow Direction, Gradient, and Velocity.....	3
3.2 Groundwater Sampling.....	3
3.3 Laboratory Analyses	4
3.4 Quality Assurance and Quality Control	4
4.0 STATISTICAL ANALYSIS.....	5
4.1 Methods	5
4.1.1 State Appendix I Parameters	5
4.1.2 Appendix III Parameters	6
4.2 Summary of Statistical Analyses Results for Appendix I Permit Parameters.....	6
4.3 Summary of Statistical Analyses Results for Appendix III Parameters.....	6
5.0 MONITORING PROGRAM STATUS	6
6.0 CONCLUSIONS AND FUTURE ACTIONS	6
7.0 REFERENCES	6

Tables

Table 1 – Monitoring Network Well Summary

Table 2 – Groundwater Sampling Event Summary

Table 3 – Summary of Groundwater Elevations – March 2021

Table 4 – Horizontal Groundwater Flow Velocity Calculations – March 2021

Tables (continued)

Table 5 – Summary of Groundwater Analytical Data – March 2021

Table 6 – Statistical Method Summary

Figures

Figure 1 – Site Location Map

Figure 2 – Well Location Map

Figure 3 – Potentiometric Contour Map – March 2021

Appendices

Appendix A – Laboratory Analytical and Field Sampling Reports

Appendix B – Statistical Analysis Report

1.0 INTRODUCTION

In accordance with the United States Environmental Protection Agency (US EPA) Coal Combustion Residuals (CCR) Rule [40 Code of Federal Regulations (CFR) 257 Subpart D] and the Georgia Environmental Protection Division (EPD) Rules for Solid Waste Management 391-3-4-.10, Atlantic Coast Consulting, Inc. (ACC) has prepared this *2021 Semiannual Groundwater Monitoring and Corrective Action Report* to document groundwater monitoring activities conducted at the Georgia Power Company (Georgia Power) Plant McIntosh Landfill No. 4 (Site). Semiannual monitoring and reporting for the CCR Unit are performed in accordance with the monitoring requirements of 40 CFR § 257.90 through § 257.95 of the Federal CCR Rule and Georgia EPD Rules for Solid Waste Management 391-3-4-.10(6)(a).

Groundwater monitoring is currently performed in accordance with the Solid Waste Permit No. 051-010D(LI) requirements specified in the Design and Operation (D&O) Plan (Georgia Power, 2010). A Georgia EPD-approved 2017 permit minor modification added parameters included in Appendix III and IV of 40 CFR § 257 Subpart D to the groundwater monitoring plan. 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.

This report provides the results of the sampling event conducted in March 2021 and includes: (1) results for a list of constituents derived from Appendix I of 40 CFR § 258 included in the D&O Plan in the permit; and (2) CCR detection monitoring sampling event for 40 CFR § 257 Appendix III constituents.

This document serves as the *2021 Semiannual Groundwater Monitoring and Corrective Action Report* in accordance with Georgia EPD Rule 391-3-4-.10(6)(a).

1.1 Site Description and Background

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

Landfill No. 4 is comprised of Cells 1 and 2A (Figure 2, Well Location Map). Closure construction for Cell 1 of Landfill No. 4 began in June 2015 and final cover construction was completed in August 2016. Georgia Power began construction of Cell 2A in June 2015 and received approval to begin receiving solid waste for disposal on July 20, 2017. Cell 2A of Landfill No. 4 began receiving CCR waste in September 2017. Cells 2B, 3, and 4 are for future development.

1.2 Regional Geology and Hydrogeologic Setting

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

Monitoring wells and piezometers are screened in the surficial aquifer between approximately 40 and 10 feet North American Vertical Datum of 1988 (NAVD88). The predominant groundwater flow direction is generally to the north but ranges from slightly northeast near Cell 1 to north-northwest near Cell 2B (Figure 3, Potentiometric Contour Map March 2021).

1.3 Groundwater Monitoring Well Network and CCR Unit Description

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

2.0 GROUNDWATER MONITORING ACTIVITIES

Pursuant to 40 CFR § 257.90(e), the following describes monitoring-related activities performed during January through June 2021 and discusses any change in status of the monitoring program. All groundwater sampling was performed in accordance with 40 CFR § 257.93. Samples were collected from each well in the certified monitoring system shown on Figure 2 in March 2021. Pursuant to 40 CFR § 257.90(e)(3), a summary and description of groundwater sampling events completed at the Site during the semiannual period is shown on Table 2, Groundwater Sampling Event Summary.

2.1 Monitoring Well Installation and Maintenance

There were no changes to the groundwater monitoring system during this semiannual period; the network remains the same as in the previous reporting period and is shown on Figure 2. 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 necessary for sampling under safe and clean conditions. Well inspection checklists completed during semiannual sampling are included in Appendix A, Laboratory Analytical and Field Sampling Reports.

2.2 Detection Monitoring Program

Detection monitoring is performed on a semiannual basis in accordance with the approved Georgia EPD Solid Waste Permit and the Site's D&O Plan. The semiannual sampling event was conducted in March 2021.

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

- A state-modified Appendix I list of detection parameters according to Georgia EPD Rules for Solid Waste Management 391-3-4-.14 and the approved D&O Plan. The state-modified analyte list includes antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, nickel, selenium, silver, thallium, vanadium, and zinc; and

- Appendix III constituents according to 40 CFR § 257.94(a).

Copies of the analytical data packages for the semiannual detection monitoring event are included in Appendix A.

2.3 Additional Sampling

No additional sampling was conducted during the monitoring period.

3.0 SAMPLE METHODOLOGY AND ANALYSIS

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

3.1 Groundwater Flow Direction, Gradient, and Velocity

Prior to the sampling event, groundwater elevations were recorded from each well in the network at the Site. Groundwater elevations recorded during the monitoring event are summarized in Table 3, Summary of Groundwater Elevations – March 2021. Groundwater elevation data were used to develop Figure 3. As shown on the figure, the flow direction is generally to the north but ranges from slightly northeast near Cell 1 to north-northwest near Cell 2B. Groundwater flow patterns observed during the March 2021 monitoring event are consistent with historical patterns.

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

Equation

$$v = \frac{K (dh/dl)}{P_e} \quad \text{where:} \quad \begin{array}{l} v = \text{groundwater velocity} \\ K = \text{hydraulic conductivity} \\ dh/dl = \text{hydraulic gradient} \\ P_e = \text{effective porosity} \end{array}$$

Groundwater flow velocities were calculated for the Site based on hydraulic gradients, average hydraulic conductivity based on previous slug test data, and an estimated effective porosity of 0.20. The groundwater flow velocity has been calculated and is tabulated on Table 4, Horizontal Groundwater Flow Velocity Calculations – March 2021. The calculated flow velocity was approximately 0.056 feet per day during the March 2021 event.

3.2 Groundwater Sampling

Groundwater samples were collected using low-flow sampling procedures in accordance with 40 CFR § 257.93(a). Purging and sampling was performed using either a peristaltic pump or non-dedicated QED bladder pump. In all cases pump intakes were located at the midpoint of the well screen (or as appropriate determined by the water level). All non-disposable equipment was decontaminated before use and between well locations using procedures described in the latest version of the Region 4 US EPA LSASD Operating Procedure for Field Equipment Cleaning and Decontamination as a guide (US EPA, 2020).

An Aqua Troll 500 water quality meter was used to monitor and record field parameters (pH, specific conductance, oxidation-reduction potential [ORP], dissolved oxygen [DO], and

temperature) during well purging prior to sampling. Turbidity was measured using a Hach 2100Q portable turbidimeter. Groundwater samples were collected when the following stabilization criteria were met:

- ± 0.1 standard units for pH
- $\pm 5\%$ for specific conductance
- $\pm 10\%$ or 0.2 mg/L (milligrams per liter), 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' Pittsburgh, Pennsylvania laboratory following chain-of-custody protocol. Stabilization logs for each well during each monitoring event are included in Appendix A.

3.3 Laboratory Analyses

Analytical methods used for groundwater monitoring parameters are provided in laboratory reports in Appendix A. Samples were analyzed for Appendix I and Appendix III parameters required by the current state permit during the monitoring event performed in March 2021. Analytical data collected in the monitoring event are summarized in Table 5, Summary of Groundwater Analytical Data – March 2021.

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 events 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 one set of QA/QC samples per every 10 samples. A set of QA/QC samples includes equipment blanks, field blanks, and duplicate 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 (RLs). The data are considered usable for meeting project objectives and the results are considered valid. The associated data validation report 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 (MDL) and the laboratory RL. The estimated value is positively identified but is below the lowest level that can be reliably achieved within specified limits of precision and accuracy under routine laboratory operating conditions.

4.0 STATISTICAL ANALYSIS

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

Statistical analysis of the March 2021 monitoring event included a two-step analysis similar in concept to the procedure used in compliance monitoring programs where an interwell statistical limit is used to determine background (US EPA Unified Guidance [2009], Chapter 7, Section 7.5).

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

4.1.1 State Appendix I Parameters

A permit minor modification was approved by Georgia EPD on August 20, 2019, following submittal of the *2019 First Semiannual Groundwater Monitoring Report* to allow for intrawell methods to be used for evaluation of state Appendix I parameters. Statistical tests used to evaluate the groundwater monitoring data consist of intrawell prediction limits combined with a 1-of-2 verification resample plan for all required Appendix I parameters. Intrawell prediction limits are constructed from historical data within a given well, and the most recent sample is compared to background. Intrawell statistical methods are a conservative first step that may be overly sensitive to natural variation, particularly for nonparametric limits with small background sample sizes. Therefore, for instances where an apparent SSI is identified by intrawell statistical methods, interwell statistical methods may be used as a reasonable second step to determine if the initial exceedance is below sitewide background.

If data from a sampling event initially exceeds the prediction limit, the resampling strategy may be used to verify the result. In 1-of-2 resampling, one independent resample may be collected and evaluated within 90 days to determine whether the initial exceedance is verified. If the resample exceeds the prediction limit, the initial exceedance is verified, and an SSI is identified. When a resample result does not verify the initial result, and does not

exceed the prediction limit, there is no SSI. If resampling is not performed, the initial exceedance is a confirmed exceedance.

4.1.2 Appendix III Parameters

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

Monitoring results for sulfate were evaluated using intrawell prediction limits combined with a 1-of-2 verification resample plan. As with the Appendix I methodology, instances where an intrawell statistical exceedance is identified, interwell statistical methods may be used to determine if the initial exceedance is below sitewide background prior to SSI identification. A summary of the statistical methodology used at the Site for routine groundwater monitoring is provided in Table 6.

4.2 Summary of Statistical Analyses Results for Appendix I Permit Parameters

No exceedances of Appendix I parameters were identified during the March 2021 semiannual event.

4.3 Summary of Statistical Analyses Results for Appendix III Parameters

No exceedances of Appendix III parameters were identified during the March 2021 semiannual event.

5.0 MONITORING PROGRAM STATUS

No SSIs were identified; therefore, the Site remains in detection monitoring.

6.0 CONCLUSIONS AND FUTURE ACTIONS

This *2021 Semiannual Groundwater Monitoring and Corrective Action Report* for GPC's Plant McIntosh Existing Landfill No.4 was prepared to fulfill the requirements of US EPA's CCR Rule and Georgia EPD Rules for Solid Waste Management Chapter 391-3-4-.10.

There were no SSIs of Appendix I or Appendix III parameters identified during the March 2021 semiannual event. The Site will remain in detection monitoring.

The next semiannual detection monitoring event is tentatively scheduled for September 2021.

7.0 REFERENCES

ACC, Inc., 2020. *September 2020 Well Installation Addendum*. September 2020.

Georgia Environmental Protection Division, 1997. *Criteria for Performing Site Acceptability Studies for Solid Waste Landfills in Georgia – Circular 14*.

Groundwater Stats Consulting, 2019. *Plant McIntosh Landfill No. 4 Background Data Screening & Recommended Statistical Methods*. August 2019.

- Groundwater Stats Consulting, 2021. *Plant McIntosh Landfill No. 4 Statistical Analysis – March 2021*. August 2021.
- MacStat Consulting, Ltd., 2017. *Statistical Analysis Plan – Plant McIntosh Landfill No. 4*.
- Sanitas: Groundwater Statistical Software, Sanitas Technologies, Shawnee, KS, 2007. www.sanitastech.com.
- ERM, 2018. *Alternate Source Demonstration – Plant McIntosh Coal Combustion By-product Landfill No. 4*. January 2018.
- GEI, 2018. *Hydrogeologic Assessment Report (Revision 01) – Plant McIntosh Ash Pond 1 (AP-1)*. November 2018 (revised December 2019).
- GEI, 2019. *Alternate Source Demonstration – Plant McIntosh Landfill No. 4*. February 2019.
- GEI, 2020. *Alternate Source Demonstration – Plant McIntosh Landfill No. 4*. April 2020.
- Georgia Power, 2004. *Plant McIntosh Coal Combustion By-Product (CCB) Landfill No. 4 Design & Operation Plan Groundwater Monitoring Plan*. 2004, Revised August 2019.
- Southern Company Services - Earth Science and Environmental Engineering (SCS ES&EE), 2002. *Savannah Electric Plant McIntosh Proposed Ash Monofill Site Acceptability Report*. July 2002.
- US EPA Waste Management Division Office of Solid Waste, 1989. US EPA 530/SW89-031 Interim Final RCRA Investigation (RFI) Guidance, Volume II or IV.
- US EPA, 2009. *Unified Guidance, Statistical Analysis of Groundwater Monitoring Data at RCRA Facilities*. Office of Solid Waste Management Division, US EPA, Washington, D.C.
- US EPA, 2011. *Region IV Data Validation Standard Operating Procedures*. Science and Ecosystem Support Division. Athens, Georgia.
- US EPA, 2017. *Groundwater Sampling – Operating Procedure: SESDPROC-3-1-R4*, Athens, Georgia, 34 p.
- US EPA, 2020. *Field Equipment Cleaning and Decontamination – Operating Procedure: LSASDPROC-205-R4*, Athens, Georgia, 16 p.
- 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.

TABLES

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

Well	Installation Date (mm/dd/yyyy)	Northing	Easting	Top of Casing Elevation (NAVD88)	Bottom Depth (ft BTOC)	Bottom Elevation (NAVD88)	Depth to Top of Screen (ft BTOC)	Top of Screen Elevation (NAVD88)	Purpose
GWC-1	8/17/2004	855444.67	958416.09	46.85	28.29	18.56	17.79	29.06	Downgradient
GWA-2	8/17/2004	855307.00	958105.74	53.43	28.47	24.96	17.97	35.46	Upgradient
GWA-3	8/17/2004	855168.65	957788.07	57.75	38.31	19.44	27.81	29.94	Upgradient
GWC-4A(*GWB-4A)	8/4/2016	855352.40	957496.55	65.00	39.00	26.00	25.00	40.00	Upgradient
GWC-5(*GWB-5)	8/18/2004	855677.36	957324.69	62.09	41.71	20.38	31.21	30.88	Upgradient
GWC-9	8/16/2004	856726.86	957902.73	53.38	38.05	15.33	27.55	25.83	Downgradient
GWC-10	8/19/2004	856427.33	958081.67	49.39	33.16	16.23	22.66	26.73	Downgradient
GWC-11	8/18/2004	856116.10	958251.47	57.74	43.22	14.52	32.72	25.02	Downgradient
GWC-12	8/18/2004	855803.06	958419.42	57.05	41.10	15.95	30.60	26.45	Downgradient
GWA-13	10/23/2015	855669.78	957006.93	60.93	40.11	20.82	29.81	31.12	Upgradient
GWA-14	10/27/2015	855474.34	956656.93	61.59	49.90	11.69	39.60	21.99	Upgradient
GWC-15(*GWB-15)	10/27/2015	855322.04	956314.43	56.86	40.30	16.56	30.00	26.86	Upgradient
GWA-16(*GWB-16)	10/27/2015	855639.94	956094.72	54.67	40.27	14.40	29.97	24.70	Upgradient
GWC-17**	10/28/2015	856011.11	956102.53	54.29	40.05	14.24	29.75	24.54	Upgradient
GWC-18**	10/29/2015	856205.60	956438.23	59.74	42.20	17.54	31.90	27.84	Upgradient
GWC-19	10/29/2015	856400.67	956801.55	53.59	36.95	16.64	26.65	26.94	Downgradient
GWC-20	10/30/2015	856561.94	957093.84	47.36	30.13	17.23	19.83	27.53	Downgradient
GWC-21	11/4/2015	856734.02	957390.27	45.22	27.16	18.06	16.86	28.36	Downgradient
GWC-23	5/26/2016	856905.61	957714.35	52.43	33.70	18.73	22.73	29.70	Downgradient
GWC-22(*PZ-22)	11/4/2015	856950.76	957722.56	51.17	31.65	19.52	21.35	29.82	Piezometer

Notes:

1. Northings and Eastings are feet relative to North American Datum 1983 (NAD83), State Plane Georgia East Zone.
2. NAVD indicates feet relative to North American Vertical Datum of 1988.
3. ft BTOC indicates feet below top of casing.
4. * Well shown within parentheses is proposed name change as described in 2018 permit submittal.
5. ** Wells GWC-17 and GWC-18 are included in background monitoring pool as described in the 2018 ASD.
6. Wells resurveyed June 2020.

Table 2
Groundwater Sampling Event Summary
Plant McIntosh Landfill No. 4
Effingham County, Georgia

Well	Hydraulic Location	Mar. 16-17, 2021
Purpose of Sampling Event		Semiannual Detection
GWC-1	Downgradient	X
GWA-2	Upgradient	X
GWA-3	Upgradient	X
GWC-4A(*GWB-4A)	Upgradient	X
GWC-5(*GWB-5)	Upgradient	X
GWC-9	Downgradient	X
GWC-10	Downgradient	X
GWC-11	Downgradient	X
GWC-12	Downgradient	X
GWA-13	Upgradient	X
GWA-14	Upgradient	X
GWC-15(*GWB-15)	Upgradient	X
GWA-16(*GWB-16)	Upgradient	X
GWC-17**	Upgradient	X
GWC-18**	Upgradient	X
GWC-19	Downgradient	X
GWC-20	Downgradient	X
GWC-21	Downgradient	X
GWC-23	Downgradient	X

Notes:

1. X indicates sample was collected.
2. Semiannual Detection Event includes and state-modified Appendix I and Appendix III.
3. * Well shown within parentheses is proposed name change as described in 2018 permit submittal.
4. ** Wells GWC-17 and GWC-18 are included in background monitoring pool as described in the 2018 ASD.

Table 3
Summary of Groundwater Elevations
March 2021
Plant McIntosh Landfill No. 4
Effingham County, Georgia

Well ID	Top of Casing Elevation (NAVD88)	Depth-to-Water (ft BTOC)	Groundwater Elevation (NAVD88)
GWC-1	46.85	14.15	32.70
GWA-2	53.43	15.56	37.87
GWA-3	57.75	20.85	36.90
GWC-4A(*GWB-4A)	65.00	23.89	41.11
GWC-5(*GWB-5)	62.09	22.94	39.15
GWC-9	53.38	29.08	24.30
GWC-10	49.39	24.59	24.80
GWC-11	57.74	33.10	24.64
GWC-12	57.05	26.46	30.59
GWA-13	60.93	24.47	36.46
GWA-14	61.59	25.74	35.85
GWC-15(*GWB-15)	56.86	22.00	34.86
GWA-16(*GWB-16)	54.67	23.81	30.86
GWC-17	54.29	26.82	27.47
GWC-18	59.74	35.51	24.23
GWC-19	53.59	29.46	24.13
GWC-20	47.36	22.70	24.66
GWC-21	45.22	20.84	24.38
GWC-22(*PZ-22)	51.17	27.76	23.41
GWC-23	52.43	28.80	23.63

Notes:

1. NAVD88 indicates feet North American Vertical Datum of 1988.
2. ft BTOC = feet below top of casing.
3. Depths to water measured March 15, 2021.
4. * Well shown within parentheses is proposed name change as described in 2018 permit submittal.

Table 4
HORIZONTAL GROUNDWATER FLOW VELOCITY CALCULATIONS
March 2021
Plant McIntosh Landfill No. 4
Effingham County, Georgia

Equation

$$v = \frac{K (dh/dl)}{P_e}$$

where: v = ground water velocity
K = hydraulic conductivity
dh/dl = hydraulic gradient
P_e = effective porosity

Values Used in Calculation

Value	Source
K = 3.0E-04 cm/sec 0.86 ft/day	See note 1.
dh/dl ₁ = 12.26/1053 ft/ft = 0.012 unitless	Hydraulic gradient from GWA-3 to GWC-11
dh/dl ₂ = 15.52/1292 ft/ft 0.012 unitless	GWC-5(*GWB-5) to GWC-23
dh/dl ₃ = 11.62/763 ft/ft 0.015 unitless	GWA-14 to GWC-18
dh/dl _{avg} = 0.013 unitless	Average of dh/dl _{1,2,3}
P _e = 0.20 unitless	See note 2.

Calculated Flow Velocity

$$v = \frac{(0.86) (0.013)}{0.20}$$

$$v = 0.056 \text{ ft/day, or } 20 \text{ ft/year}$$

Notes

- (1) Slug tests performed by Southern Company Services, Inc. (2002)
- (2) Default value for silty sands from Interim Final RCRA Investigation (EPA, 1989)

Table 5
Summary of Groundwater Analytical Data - March 2021
Plant McIntosh Landfill No. 4
Effingham County, Georgia



Parameter		Sample ID							
		GWC-1	GWA-2	GWA-3	GWC-4A	GWC-5	GWC-9	GWC-10	GWC-11
		3/16/2021	3/16/2021	3/16/2021	3/17/2021	3/17/2021	3/17/2021	3/16/2021	3/17/2021
APPENDIX III	Boron	<0.039	<0.039	<0.039	<0.039	<0.039	<0.039	0.045 J	<0.039
	Calcium	1.6	0.40 J	0.75	0.33 J	2.4	0.51	18	14
	Chloride	5.8	4.9	3.6	4.5	4.2	9.5	7.2	4.6
	Fluoride	<0.026	0.033 J	<0.026	<0.026	0.026 J	0.035 J	0.18	0.28
	pH	4.89	4.76	4.91	4.90	4.80	4.69	6.48	6.58
	Sulfate	1.6	<0.76	<0.76	3.5	<0.76	<0.76	2.4	5.6
	TDS	29	24	25	36	31	40	130	81
Required by Permit	Antimony	<0.00038	<0.00038	<0.00038	<0.00038	<0.00038	<0.00038	<0.00038	<0.00038
	Arsenic	<0.00031	<0.00031	<0.00031	<0.00031	<0.00031	<0.00031	0.00069 J	0.0014
	Barium	0.039	0.035	0.015	0.014	0.040	0.041	0.019	0.016
	Beryllium	0.00022 J	<0.00018	<0.00018	<0.00018	<0.00018	0.00024 J	0.00033 J	0.00048 J
	Cadmium	<0.00022	<0.00022	<0.00022	<0.00022	<0.00022	<0.00022	<0.00022	<0.00022
	Chromium	<0.0015	0.0015 J	0.0015 J	<0.0015	<0.0015	<0.0015	0.0054	0.0031
	Cobalt	0.0017 J	0.0013 J	0.00033 J	0.0014 J	0.00083 J	0.00092 J	<0.00013	0.00016 J
	Copper	<0.00063	<0.00063	<0.00063	0.0012 J	<0.00063	<0.00063	<0.00063	0.0019 J
	Lead	<0.00013	<0.00013	<0.00013	<0.00013	<0.00013	<0.00013	<0.00013	0.00031 J
	Nickel	0.0012	0.00072 J	<0.00034	0.00083 J	0.00041 J	0.00060 J	0.00043 J	0.00077 J
	Selenium	<0.0015	<0.0015	<0.0015	<0.0015	<0.0015	<0.0015	<0.0015	<0.0015
	Silver	<0.00018	<0.00018	<0.00018	<0.00018	<0.00018	<0.00018	<0.00018	<0.00018
	Thallium	<0.00015	<0.00015	<0.00015	<0.00015	<0.00015	<0.00015	0.00037 J	0.00047 J
	Vanadium	<0.00099	<0.00099	<0.00099	<0.00099	<0.00099	<0.00099	0.0013	0.0015
Zinc	0.0047 J	0.0045 J	0.0035 J	0.0039 J	0.0041 J	<0.0032	<0.0032	0.0032 J	

Notes:

1. Results for substances are reported in milligrams per liter (mg/L). pH results are reported in Standard Units.
2. < indicates the substance was not detected above the relevant laboratory method detection limit (MDL).
3. J indicates the substance was detected at such low levels that the precision of the laboratory instruments could not produce a reliable value.
Therefore, the value displayed (value J) is qualified by the laboratory as an estimated number.
4. TDS indicates total dissolved solids.
5. Appendix III = indicator parameters evaluated during Detection Monitoring.
6. Parameters required by Permit are Appendix I parameters included to meet EPD Rule 391-3-4-.14 requirements.
7. Proposed name changes as described in 2018 permit submittal for GWC-4A, GWC-5, GWC-15, and GWA-16 are GWC-4A, GWC-5, GWC-15, and GWA-16, respectively.

Table 5
Summary of Groundwater Analytical Data - March 2021
Plant McIntosh Landfill No. 4
Effingham County, Georgia



Parameter	Sample ID								
	GWC-12	GWA-13	GWA-14	GWC-15	GWA-16	GWC-17	GWC-18	GWC-19	
	3/16/2021	3/16/2021	3/16/2021	3/17/2021	3/16/2021	3/16/2021	3/17/2021	3/16/2021	
APPENDIX III	Boron	<0.039	<0.039	<0.039	<0.039	<0.039	<0.039	<0.039	<0.039
	Calcium	0.62	0.40 J	0.51	5.5	0.48 J	2.0	9.1	7.0
	Chloride	3.8	4.0	4.1	4.0	4.1	4.9	4.7	6.5
	Fluoride	<0.026	<0.026	<0.026	<0.026	<0.026	0.13	0.54	0.092 J
	pH	4.97	4.47	4.76	5.41	4.68	4.83	5.99	5.45
	Sulfate	<0.76	<0.76	<0.76	<0.76	<0.76	<0.76	3.5	1.9
	TDS	19	23	17	29	20	25	59	65
Required by Permit	Antimony	<0.00038	<0.00038	<0.00038	<0.00038	<0.00038	<0.00038	<0.00038	<0.00038
	Arsenic	<0.00031	<0.00031	<0.00031	<0.00031	<0.00031	<0.00031	0.00072 J	<0.00031
	Barium	0.010	0.018	0.013	0.028	0.025	0.017	0.013	0.0099 J
	Beryllium	0.00037 J	0.00020 J	<0.00018	<0.00018	<0.00018	0.00062 J	<0.00018	0.00024 J
	Cadmium	<0.00022	<0.00022	<0.00022	<0.00022	<0.00022	0.00057 J	<0.00022	<0.00022
	Chromium	0.0019 J	<0.0015	<0.0015	<0.0015	0.0017 J	0.0031	0.0027	0.0017 J
	Cobalt	0.00058 J	0.00050 J	0.00035 J	0.00040 J	0.00047 J	0.00027 J	<0.00013	<0.00013
	Copper	<0.00063	<0.00063	<0.00063	<0.00063	<0.00063	<0.00063	0.0010 J	<0.00063
	Lead	<0.00013	<0.00013	<0.00013	<0.00013	<0.00013	<0.00013	0.00015 J	<0.00013
	Nickel	0.00093 J	<0.00034	0.00045 J	0.00047 J	0.00043 J	0.0015	0.0011	0.0012
	Selenium	<0.0015	<0.0015	<0.0015	<0.0015	<0.0015	<0.0015	<0.0015	<0.0015
	Silver	<0.00018	<0.00018	<0.00018	<0.00018	<0.00018	<0.00018	<0.00018	<0.00018
	Thallium	0.00022 J	<0.00015	<0.00015	<0.00015	<0.00015	<0.00015	0.00016 J	<0.00015
	Vanadium	<0.00099	<0.00099	<0.00099	<0.00099	<0.00099	<0.00099	0.0026	<0.00099
Zinc	<0.0032	<0.0032	0.0070	0.0063	0.0050	0.0060	0.0032 J	<0.0032	

Notes:

1. Results for substances are reported in milligrams per liter (mg/L). pH results are reported in Standard Units.
2. < indicates the substance was not detected above the relevant laboratory method detection limit (MDL).
3. J indicates the substance was detected at such low levels that the precision of the laboratory instruments could not produce a reliable value.
Therefore, the value displayed (value J) is qualified by the laboratory as an estimated number.
4. TDS indicates total dissolved solids.
5. Appendix III = indicator parameters evaluated during Detection Monitoring.
6. Parameters required by Permit are Appendix I parameters included to meet EPD Rule 391-3-4-.14 requirements.
7. Proposed name changes as described in 2018 permit submittal for GWC-4A, GWC-5, GWC-15, and GWA-16 are GWB-4A, GWB-5, GWB-15, and GWB-16, respectively.

Table 5
Summary of Groundwater Analytical Data - March 2021
Plant McIntosh Landfill No. 4
Effingham County, Georgia



Parameter		Sample ID		
		GWC-20	GWC-21	GWC-23
		3/16/2021	3/17/2021	3/17/2021
APPENDIX III	Boron	<0.039	<0.039	<0.039
	Calcium	1.4	1.1	0.99
	Chloride	8.0	6.7	5.5
	Fluoride	0.040 J	<0.026	<0.026
	pH	4.78	4.80	4.97
	Sulfate	0.98 J	<0.76	1.8
	TDS	37	24	24
Required by Permit	Antimony	<000038	<000038	<000038
	Arsenic	<0.00031	<0.00031	<0.00031
	Barium	0.016	0.019	0.024
	Beryllium	0.00022 J	<0.00018	0.00018 J
	Cadmium	<0.00022	<0.00022	<0.00022
	Chromium	<0.0015	<0.0015	0.0027
	Cobalt	0.00090 J	0.00092 J	0.0035
	Copper	<0.00063	<0.00063	<0.00063
	Lead	<0.00013	<0.00013	<0.00013
	Nickel	0.00093 J	0.00068 J	0.0014
	Selenium	<0.0015	<0.0015	<0.0015
	Silver	<0.00018	<0.00018	<0.00018
	Thallium	<0.00015	<0.00015	<0.00015
	Vanadium	<0.00099	<0.00099	<0.00099
Zinc	<0.0032	<0.0032	0.0033 J	

Notes:

1. Results for substances are reported in milligrams per liter (mg/L). pH results are reported in Standard Units.
2. < indicates the substance was not detected above the relevant laboratory method detection limit (MDL).
3. J indicates the substance was detected at such low levels that the precision of the laboratory instruments could not produce a reliable value.
Therefore, the value displayed (value J) is qualified by the laboratory as an estimated number.
4. TDS indicates total dissolved solids.
5. Appendix III = indicator parameters evaluated during Detection Monitoring.
6. Parameters required by Permit are Appendix I parameters included to meet EPD Rule 391-3-4-.14 requirements.
7. Proposed name changes as described in 2018 permit submittal for GWC-4A, GWC-5, GWC-15, and GWA-16 are GWB-4A, GWB-5, GWB-15, and GWB-16, respectively.

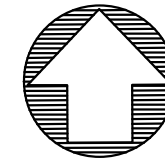
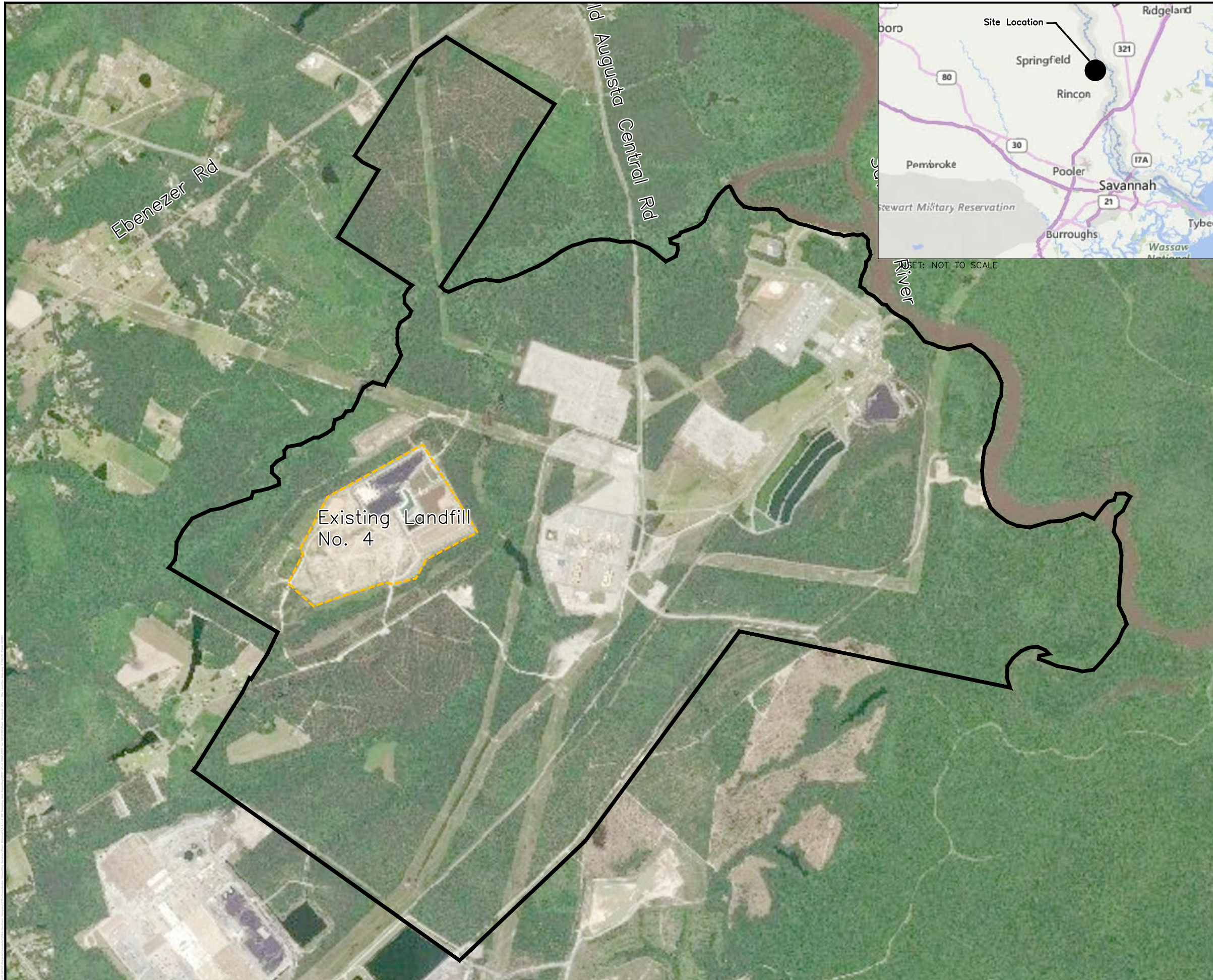
Table 6
Statistical Method Summary
Plant McIntosh Landfill No. 4
Effingham County, Georgia

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

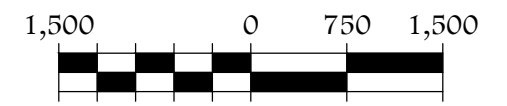
Notes:

1. * Well shown within parentheses is proposed name change as described in 2018 permit submittal.

FIGURES



ATLANTIC COAST
CONSULTING, INC.



SCALE (IN FEET)

LEGEND:

EXISTING	DESCRIPTION
	APPROXIMATE PROPERTY BOUNDARY
	EXISTING LANDFILL No. 4

PROJECT



GEORGIA POWER COMPANY
PLANT McINTOSH LANDFILL No. 4
2021 SEMIANNUAL GROUNDWATER MONITORING
AND CORRECTIVE ACTION REPORT

SITE LOCATION MAP

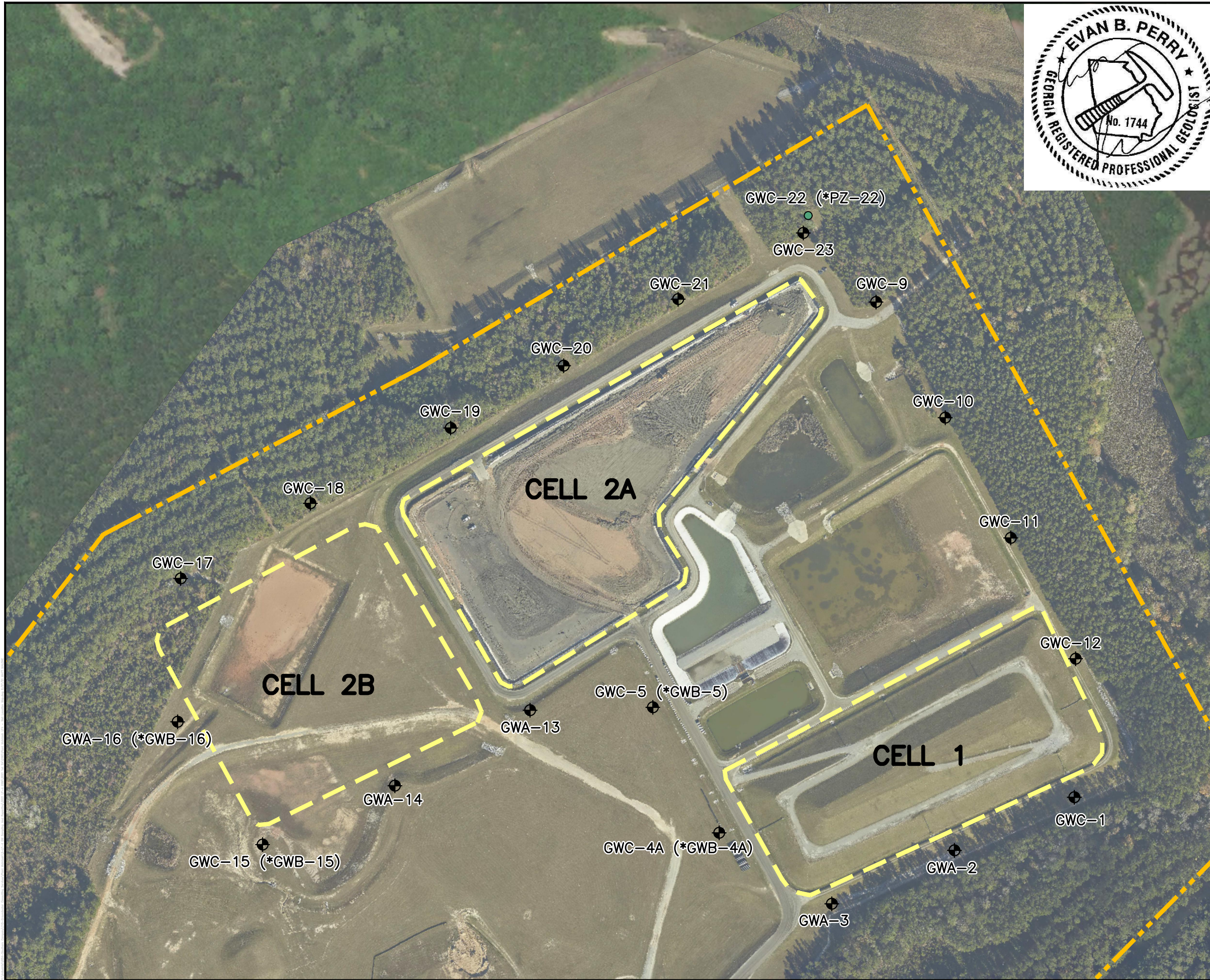
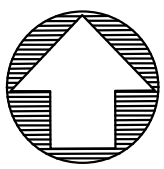
PROJECT NO. IO54-110

August 2021

DRAWN BY: MM

FIGURE:

CHECKED BY: EP


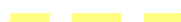





ACC
ATLANTIC COAST CONSULTING, INC.



SCALE (IN FEET)


LEGEND:

EXISTING	DESCRIPTION
	APPROXIMATE LANDFILL BOUNDARY
	APPROXIMATE CELL BOUNDARY
	GWC-1 MONITORING WELL
	GWC-22 (*PZ-22) PIEZOMETER

NOTES:

- * INDICATES CHANGE REQUESTED IN THE NOVEMBER 2018 PERMIT APPLICATION. WELL DESIGNATIONS WILL BE UPDATED ONCE APPLICATION IS APPROVED. WELL IDS IN PARENTHESES ARE THE PROPOSED WELL IDS.
- MONITORING WELLS GWC-17 AND GWC-18 ARE INCLUDED IN THE BACKGROUND MONITORING STATISTICAL POOL AS DESCRIBED IN THE APRIL 2018 ALTERNATIVE SOURCE DEMONSTRATION.

PROJECT



GEORGIA POWER COMPANY
PLANT MCINTOSH LANDFILL NO. 4

2021 SEMIANNUAL GROUNDWATER MONITORING
AND CORRECTIVE ACTION REPORT

WELL LOCATION MAP

PROJECT NO. IO54-110 AUGUST 2021

<u>DRAWN BY:</u>	MM	<u>FIGURE:</u>	2
<u>CHECKED BY:</u>	EP		

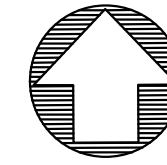
Summary of Groundwater Elevations
Plant McIntosh
Existing Landfill No. 4
March 2021 Sampling Event

Monitoring Well ID	Total Depth (ft BTOC)	Top of Casing (ft NAVD)	Depth to Water (ft BTOC)	Groundwater Elevation (ft NAVD)
GWC-1	28.29	46.85	14.15	32.70
GWA-2	28.47	53.43	15.56	37.87
GWA-3	38.31	57.75	20.85	36.90
GWC-4A(*GWB-4A)	39.00	65.00	23.89	41.11
GWC-5(*GWB-5)	41.71	62.09	22.94	39.15
GWC-9	38.05	53.38	29.08	24.30
GWC-10	33.16	49.39	24.59	24.80
GWC-11	43.22	57.74	33.10	24.64
GWC-12	41.10	57.05	26.46	30.59
GWA-13	40.11	60.93	24.47	36.46
GWA-14	49.90	61.59	25.74	35.85
GWC-15(*GWB-15)	40.30	56.86	22.00	34.86
GWA-16(*GWB-16)	40.27	54.67	23.81	30.86
GWC-17	40.05	54.29	26.82	27.47
GWC-18	42.20	59.74	35.51	24.23
GWC-19	36.95	53.59	29.46	24.13
GWC-20	30.13	47.36	22.70	24.66
GWC-21	27.16	45.22	20.84	24.38
GWC-22(*PZ-22)	31.65	51.17	27.76	23.41
GWC-23	33.70	52.43	28.80	23.63

Notes: Depths to water measured within a 24-hour period on March 15, 2021.

ft NAVD = feet North American Vertical Datum of 1988

ft BTOC = feet below top of casing



ATLANTIC COAST
CONSULTING, INC.

250 0 125 250



SCALE (IN FEET)

LEGEND:

EXISTING	DESCRIPTION
	APPROXIMATE LANDFILL BOUNDARY
	APPROXIMATE CELL BOUNDARY
	GWC-1 32.70 MONITORING WELL GROUNDWATER ELEVATION
	GWC-22 (*PZ-22) 23.41 PIEZOMETER GROUNDWATER ELEVATION
	26 GROUNDWATER ELEVATION CONTOUR
	GROUNDWATER FLOW DIRECTION

NOTES:

- * INDICATES CHANGE REQUESTED IN THE NOVEMBER 2018 PERMIT APPLICATION. WELL DESIGNATIONS WILL BE UPDATED ONCE APPLICATION IS APPROVED. WELL IDS IN PARENTHESES ARE THE PROPOSED WELL IDS.
- MONITORING WELLS GWC-17 AND GWC-18 ARE INCLUDED IN THE BACKGROUND MONITORING STATISTICAL POOL AS DESCRIBED IN THE APRIL 2018 ALTERNATIVE SOURCE DEMONSTRATION.

PROJECT



GEORGIA POWER COMPANY
PLANT MCINTOSH LANDFILL NO. 4

2021 SEMIANNUAL GROUNDWATER MONITORING
AND CORRECTIVE ACTION REPORT

POTENTIOMETRIC CONTOUR MAP
MARCH 2021

PROJECT NO. I054-110

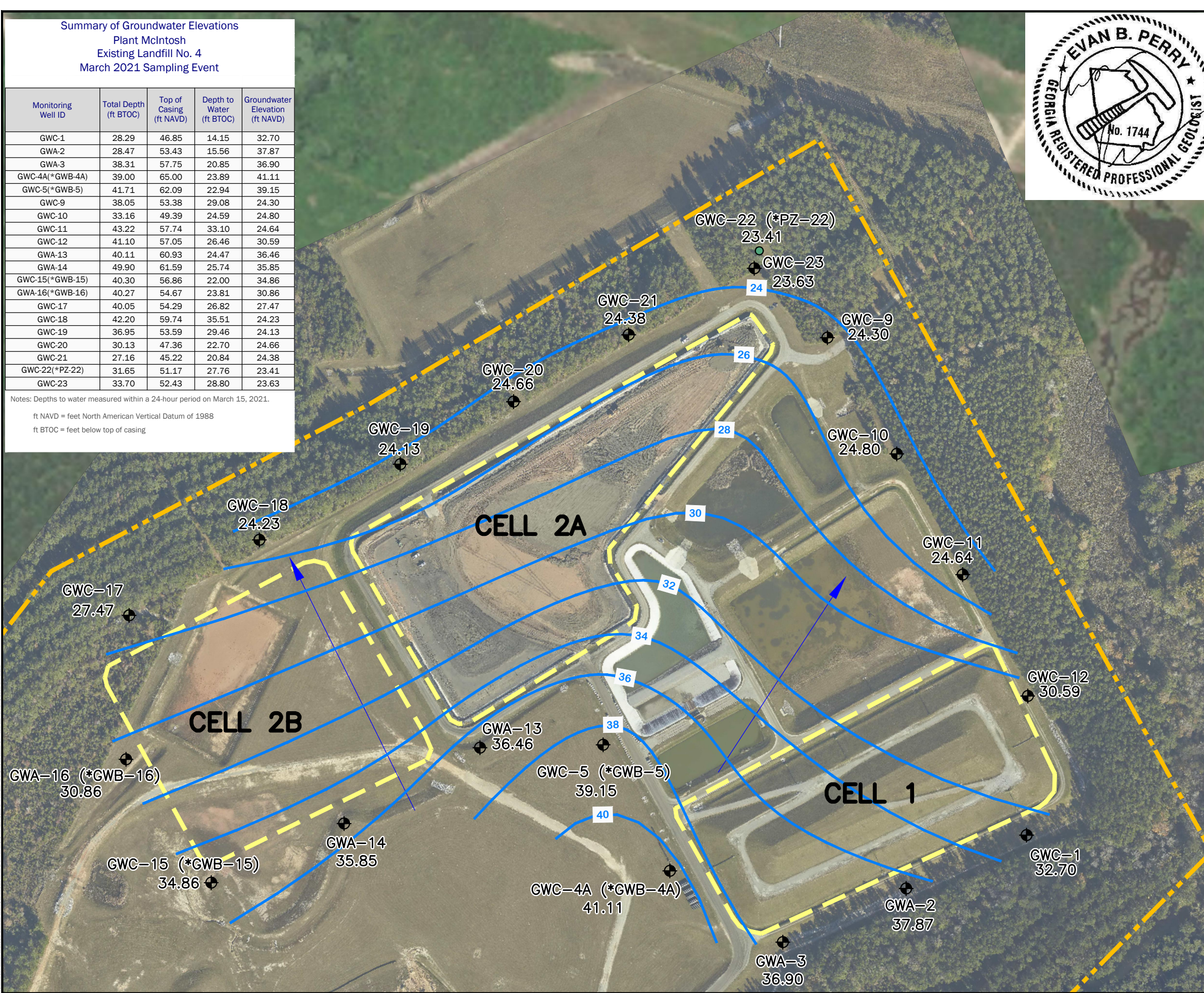
AUGUST 2021

DRAWN BY: RW

FIGURE:

CHECKED BY: MM

3



APPENDICES

APPENDIX A
LABORATORY ANALYTICAL AND FIELD SAMPLING
REPORTS

ANALYTICAL REPORT

Eurofins TestAmerica, Pittsburgh
301 Alpha Drive
RIDC Park
Pittsburgh, PA 15238
Tel: (412)963-7058

Laboratory Job ID: 180-118717-1

Client Project/Site: Plant McIntosh Landfill #4

For:

Southern Company
241 Ralph McGill Blvd SE
B10185
Atlanta, Georgia 30308

Attn: Kristen N Jurinko



Authorized for release by:
4/5/2021 7:39:34 AM

Shali Brown, Project Manager II
(615)301-5031
Shali.Brown@Eurofinset.com

LINKS

Review your project
results through
TotalAccess

Have a Question?



Visit us at:

www.eurofinsus.com/Env

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

PA Lab ID: 02-00416



Table of Contents

Cover Page	1
Table of Contents	2
Case Narrative	3
Definitions/Glossary	4
Certification Summary	5
Sample Summary	6
Method Summary	7
Lab Chronicle	8
Client Sample Results	16
QC Sample Results	38
QC Association Summary	44
Chain of Custody	48
Receipt Checklists	51

Case Narrative

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

Job ID: 180-118717-1

Job ID: 180-118717-1

Laboratory: Eurofins TestAmerica, Pittsburgh

Narrative

**Job Narrative
180-118717-1**

Comments

No additional comments.

Receipt

The samples were received on 3/19/2021 8:45 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 2.5° C and 2.6° C.

GC Semi VOA

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

Metals

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

Field Service / Mobile Lab

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

General Chemistry

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



Definitions/Glossary

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

Job ID: 180-118717-1

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
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

Accreditation/Certification Summary

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

Job ID: 180-118717-1

Laboratory: Eurofins TestAmerica, Pittsburgh

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

Authority	Program	Identification Number	Expiration Date
Arkansas DEQ	State	19-033-0	06-27-21
California	State	2891	04-30-21
Connecticut	State	PH-0688	09-30-20 *
Florida	NELAP	E871008	06-30-21
Georgia	State	PA 02-00416	04-30-21
Illinois	NELAP	004375	06-30-21
Kansas	NELAP	E-10350	01-31-22
Kentucky (UST)	State	162013	04-30-21
Kentucky (WW)	State	KY98043	12-31-21
Louisiana	NELAP	04041	06-30-21
Maine	State	PA00164	03-06-22
Minnesota	NELAP	042-999-482	12-31-21
Nevada	State	PA00164	07-31-21
New Hampshire	NELAP	2030	04-05-21
New Jersey	NELAP	PA005	06-30-21
New York	NELAP	11182	04-01-22
North Carolina (WW/SW)	State	434	12-31-21
North Dakota	State	R-227	04-30-21
Oregon	NELAP	PA-2151	02-06-22
Pennsylvania	NELAP	02-00416	04-30-21
Rhode Island	State	LAO00362	12-31-21
South Carolina	State	89014	04-30-21
Texas	NELAP	T104704528	03-31-22
US Fish & Wildlife	US Federal Programs	058448	07-31-21
USDA	Federal	P-Soil-01	06-26-22
USDA	US Federal Programs	P330-16-00211	06-26-22
Utah	NELAP	PA001462019-8	05-31-21
Virginia	NELAP	10043	09-14-21
West Virginia DEP	State	142	01-31-22
Wisconsin	State	998027800	08-31-21

* Accreditation/Certification renewal pending - accreditation/certification considered valid.



Sample Summary

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

Job ID: 180-118717-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
180-118717-1	GWC-1	Water	03/16/21 13:35	03/19/21 08:45	
180-118717-2	GWA-2	Water	03/16/21 11:45	03/19/21 08:45	
180-118717-3	GWA-3	Water	03/16/21 10:15	03/19/21 08:45	
180-118717-4	GWC-4A	Water	03/17/21 14:35	03/19/21 08:45	
180-118717-5	GWC-5	Water	03/17/21 09:35	03/19/21 08:45	
180-118717-6	GWC-9	Water	03/17/21 10:30	03/19/21 08:45	
180-118717-7	GWC-10	Water	03/16/21 16:25	03/19/21 08:45	
180-118717-8	GWC-11	Water	03/17/21 14:33	03/19/21 08:45	
180-118717-9	GWC-12	Water	03/16/21 14:40	03/19/21 08:45	
180-118717-10	GWA-13	Water	03/16/21 10:10	03/19/21 08:45	
180-118717-11	GWA-14	Water	03/16/21 11:08	03/19/21 08:45	
180-118717-12	GWC-15	Water	03/17/21 10:55	03/19/21 08:45	
180-118717-13	GWA-16	Water	03/16/21 12:18	03/19/21 08:45	
180-118717-14	GWC-17	Water	03/16/21 13:29	03/19/21 08:45	
180-118717-15	GWC-18	Water	03/17/21 12:35	03/19/21 08:45	
180-118717-16	GWC-19	Water	03/16/21 15:13	03/19/21 08:45	
180-118717-17	GWC-20	Water	03/16/21 16:23	03/19/21 08:45	
180-118717-18	GWC-21	Water	03/17/21 13:35	03/19/21 08:45	
180-118717-19	GWC-23	Water	03/17/21 12:05	03/19/21 08:45	
180-118717-20	DUP-1	Water	03/17/21 00:00	03/19/21 08:45	
180-118717-21	FB-1	Water	03/16/21 13:10	03/19/21 08:45	
180-118717-22	EB-1	Water	03/16/21 12:30	03/19/21 08:45	

Method Summary

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

Job ID: 180-118717-1

Method	Method Description	Protocol	Laboratory
EPA 300.0 R2.1	Anions, Ion Chromatography	EPA	TAL PIT
EPA 6020B	Metals (ICP/MS)	SW846	TAL PIT
SM 2540C	Solids, Total Dissolved (TDS)	SM	TAL PIT
Field Sampling	Field Sampling	EPA	TAL PIT
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	TAL PIT

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:

TAL PIT = Eurofins TestAmerica, Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058

Lab Chronicle

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

Job ID: 180-118717-1

Client Sample ID: GWC-1
Date Collected: 03/16/21 13:35
Date Received: 03/19/21 08:45

Lab Sample ID: 180-118717-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1 Instrument ID: CHIC2100A		1			351343	03/31/21 09:58	EPS	TAL PIT
Total Recoverable	Prep	3005A			50 mL	50 mL	351412	03/31/21 13:13	TJO	TAL PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: NEMO		1			351633	04/01/21 14:31	RJR	TAL PIT
Total/NA	Analysis	SM 2540C Instrument ID: NOEQUIP		1	100 mL	100 mL	350419	03/23/21 12:14	GRB	TAL PIT
Total/NA	Analysis	Field Sampling Instrument ID: NOEQUIP		1			350246	03/16/21 13:35	FDS	TAL PIT

Client Sample ID: GWA-2
Date Collected: 03/16/21 11:45
Date Received: 03/19/21 08:45

Lab Sample ID: 180-118717-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1 Instrument ID: CHIC2100A		1			351343	03/31/21 10:14	EPS	TAL PIT
Total Recoverable	Prep	3005A			50 mL	50 mL	351412	03/31/21 13:13	TJO	TAL PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: NEMO		1			351633	04/01/21 14:33	RJR	TAL PIT
Total/NA	Analysis	SM 2540C Instrument ID: NOEQUIP		1	100 mL	100 mL	350419	03/23/21 12:14	GRB	TAL PIT
Total/NA	Analysis	Field Sampling Instrument ID: NOEQUIP		1			350246	03/16/21 11:45	FDS	TAL PIT

Client Sample ID: GWA-3
Date Collected: 03/16/21 10:15
Date Received: 03/19/21 08:45

Lab Sample ID: 180-118717-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1 Instrument ID: CHIC2100A		1			351343	03/31/21 10:31	EPS	TAL PIT
Total Recoverable	Prep	3005A			50 mL	50 mL	351412	03/31/21 13:13	TJO	TAL PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: NEMO		1			351633	04/01/21 14:36	RJR	TAL PIT
Total/NA	Analysis	SM 2540C Instrument ID: NOEQUIP		1	100 mL	100 mL	350487	03/23/21 20:08	GRB	TAL PIT
Total/NA	Analysis	Field Sampling Instrument ID: NOEQUIP		1			350246	03/16/21 10:15	FDS	TAL PIT

Lab Chronicle

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

Job ID: 180-118717-1

Client Sample ID: GWC-4A

Lab Sample ID: 180-118717-4

Date Collected: 03/17/21 14:35

Matrix: Water

Date Received: 03/19/21 08:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1 Instrument ID: INTEGRION		1			351345	03/31/21 17:55	EPS	TAL PIT
Total Recoverable	Prep	3005A			50 mL	50 mL	351412	03/31/21 13:13	TJO	TAL PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: NEMO		1			351633	04/01/21 14:39	RJR	TAL PIT
Total/NA	Analysis	SM 2540C Instrument ID: NOEQUIP		1	100 mL	100 mL	350652	03/24/21 19:32	KMM	TAL PIT
Total/NA	Analysis	Field Sampling Instrument ID: NOEQUIP		1			350246	03/17/21 14:35	FDS	TAL PIT

Client Sample ID: GWC-5

Lab Sample ID: 180-118717-5

Date Collected: 03/17/21 09:35

Matrix: Water

Date Received: 03/19/21 08:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1 Instrument ID: CHICS2100B		1			351490	04/01/21 16:37	SAT	TAL PIT
Total Recoverable	Prep	3005A			50 mL	50 mL	351412	03/31/21 13:13	TJO	TAL PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: NEMO		1			351633	04/01/21 14:42	RJR	TAL PIT
Total/NA	Analysis	SM 2540C Instrument ID: NOEQUIP		1	100 mL	100 mL	350652	03/24/21 19:32	KMM	TAL PIT
Total/NA	Analysis	Field Sampling Instrument ID: NOEQUIP		1			350246	03/17/21 09:35	FDS	TAL PIT

Client Sample ID: GWC-9

Lab Sample ID: 180-118717-6

Date Collected: 03/17/21 10:30

Matrix: Water

Date Received: 03/19/21 08:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1 Instrument ID: CHICS2100B		1			351490	04/01/21 16:20	SAT	TAL PIT
Total Recoverable	Prep	3005A			50 mL	50 mL	351412	03/31/21 13:13	TJO	TAL PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: NEMO		1			351633	04/01/21 14:50	RJR	TAL PIT
Total/NA	Analysis	SM 2540C Instrument ID: NOEQUIP		1	100 mL	100 mL	350652	03/24/21 19:32	KMM	TAL PIT
Total/NA	Analysis	Field Sampling Instrument ID: NOEQUIP		1			350246	03/17/21 10:30	FDS	TAL PIT

Lab Chronicle

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

Job ID: 180-118717-1

Client Sample ID: GWC-10

Lab Sample ID: 180-118717-7

Date Collected: 03/16/21 16:25

Matrix: Water

Date Received: 03/19/21 08:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1 Instrument ID: CHIC2100A		1			351343	03/31/21 14:09	EPS	TAL PIT
Total Recoverable	Prep	3005A			50 mL	50 mL	351407	03/31/21 12:36	TJO	TAL PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: NEMO		1			351633	04/01/21 15:24	RJR	TAL PIT
Total/NA	Analysis	SM 2540C Instrument ID: NOEQUIP		1	100 mL	100 mL	350487	03/23/21 20:08	GRB	TAL PIT
Total/NA	Analysis	Field Sampling Instrument ID: NOEQUIP		1			350246	03/16/21 16:25	FDS	TAL PIT

Client Sample ID: GWC-11

Lab Sample ID: 180-118717-8

Date Collected: 03/17/21 14:33

Matrix: Water

Date Received: 03/19/21 08:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1 Instrument ID: CHIC2100A		1			351343	03/31/21 14:25	EPS	TAL PIT
Total Recoverable	Prep	3005A			50 mL	50 mL	351407	03/31/21 12:36	TJO	TAL PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: NEMO		1			351633	04/01/21 15:37	RJR	TAL PIT
Total/NA	Analysis	SM 2540C Instrument ID: NOEQUIP		1	100 mL	100 mL	350652	03/24/21 19:32	KMM	TAL PIT
Total/NA	Analysis	Field Sampling Instrument ID: NOEQUIP		1			350246	03/17/21 14:33	FDS	TAL PIT

Client Sample ID: GWC-12

Lab Sample ID: 180-118717-9

Date Collected: 03/16/21 14:40

Matrix: Water

Date Received: 03/19/21 08:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1 Instrument ID: CHIC2100A		1			351343	03/31/21 15:14	EPS	TAL PIT
Total Recoverable	Prep	3005A			50 mL	50 mL	351407	03/31/21 12:36	TJO	TAL PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: NEMO		1			351633	04/01/21 15:40	RJR	TAL PIT
Total/NA	Analysis	SM 2540C Instrument ID: NOEQUIP		1	100 mL	100 mL	350487	03/23/21 20:08	GRB	TAL PIT
Total/NA	Analysis	Field Sampling Instrument ID: NOEQUIP		1			350246	03/16/21 14:40	FDS	TAL PIT

Lab Chronicle

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

Job ID: 180-118717-1

Client Sample ID: GWA-13

Lab Sample ID: 180-118717-10

Date Collected: 03/16/21 10:10

Matrix: Water

Date Received: 03/19/21 08:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1 Instrument ID: CHIC2100A		1			351343	03/31/21 15:30	EPS	TAL PIT
Total Recoverable	Prep	3005A			50 mL	50 mL	351407	03/31/21 12:36	TJO	TAL PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: NEMO		1			351633	04/01/21 15:49	RJR	TAL PIT
Total/NA	Analysis	SM 2540C Instrument ID: NOEQUIP		1	100 mL	100 mL	350487	03/23/21 20:08	GRB	TAL PIT
Total/NA	Analysis	Field Sampling Instrument ID: NOEQUIP		1			350246	03/16/21 10:10	FDS	TAL PIT

Client Sample ID: GWA-14

Lab Sample ID: 180-118717-11

Date Collected: 03/16/21 11:08

Matrix: Water

Date Received: 03/19/21 08:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1 Instrument ID: CHIC2100A		1			351343	03/31/21 15:46	EPS	TAL PIT
Total Recoverable	Prep	3005A			50 mL	50 mL	351407	03/31/21 12:36	TJO	TAL PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: NEMO		1			351633	04/01/21 15:51	RJR	TAL PIT
Total/NA	Analysis	SM 2540C Instrument ID: NOEQUIP		1	100 mL	100 mL	350487	03/23/21 20:08	GRB	TAL PIT
Total/NA	Analysis	Field Sampling Instrument ID: NOEQUIP		1			350246	03/16/21 11:08	FDS	TAL PIT

Client Sample ID: GWC-15

Lab Sample ID: 180-118717-12

Date Collected: 03/17/21 10:55

Matrix: Water

Date Received: 03/19/21 08:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1 Instrument ID: CHIC2100A		1			351343	03/31/21 16:03	EPS	TAL PIT
Total Recoverable	Prep	3005A			50 mL	50 mL	351407	03/31/21 12:36	TJO	TAL PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: NEMO		1			351633	04/01/21 15:54	RJR	TAL PIT
Total/NA	Analysis	SM 2540C Instrument ID: NOEQUIP		1	100 mL	100 mL	350652	03/24/21 19:32	KMM	TAL PIT
Total/NA	Analysis	Field Sampling Instrument ID: NOEQUIP		1			350246	03/17/21 10:55	FDS	TAL PIT

Lab Chronicle

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

Job ID: 180-118717-1

Client Sample ID: GWA-16

Date Collected: 03/16/21 12:18

Date Received: 03/19/21 08:45

Lab Sample ID: 180-118717-13

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1 Instrument ID: CHIC2100A		1			351343	03/31/21 16:19	EPS	TAL PIT
Total Recoverable	Prep	3005A			50 mL	50 mL	351407	03/31/21 12:36	TJO	TAL PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: NEMO		1			351633	04/01/21 15:57	RJR	TAL PIT
Total/NA	Analysis	SM 2540C Instrument ID: NOEQUIP		1	100 mL	100 mL	350489	03/23/21 20:50	GRB	TAL PIT
Total/NA	Analysis	Field Sampling Instrument ID: NOEQUIP		1			350246	03/16/21 12:18	FDS	TAL PIT

Client Sample ID: GWC-17

Date Collected: 03/16/21 13:29

Date Received: 03/19/21 08:45

Lab Sample ID: 180-118717-14

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1 Instrument ID: CHIC2100A		1			351343	03/31/21 16:35	EPS	TAL PIT
Total Recoverable	Prep	3005A			50 mL	50 mL	351407	03/31/21 12:36	TJO	TAL PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: NEMO		1			351633	04/01/21 16:00	RJR	TAL PIT
Total/NA	Analysis	SM 2540C Instrument ID: NOEQUIP		1	100 mL	100 mL	350489	03/23/21 20:50	GRB	TAL PIT
Total/NA	Analysis	Field Sampling Instrument ID: NOEQUIP		1			350246	03/16/21 13:29	FDS	TAL PIT

Client Sample ID: GWC-18

Date Collected: 03/17/21 12:35

Date Received: 03/19/21 08:45

Lab Sample ID: 180-118717-15

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1 Instrument ID: INTEGRION		1			351345	03/31/21 15:14	EPS	TAL PIT
Total Recoverable	Prep	3005A			50 mL	50 mL	351407	03/31/21 12:36	TJO	TAL PIT
Total Recoverable	Analysis	EPA 6020B Instrument ID: NEMO		1			351633	04/01/21 16:03	RJR	TAL PIT
Total/NA	Analysis	SM 2540C Instrument ID: NOEQUIP		1	100 mL	100 mL	350652	03/24/21 19:32	KMM	TAL PIT
Total/NA	Analysis	Field Sampling Instrument ID: NOEQUIP		1			350246	03/17/21 12:35	FDS	TAL PIT

Lab Chronicle

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

Job ID: 180-118717-1

Client Sample ID: GWC-19

Date Collected: 03/16/21 15:13

Date Received: 03/19/21 08:45

Lab Sample ID: 180-118717-16

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1			351345	03/31/21 15:32	EPS	TAL PIT
Instrument ID: INTEGRION										
Total Recoverable	Prep	3005A			50 mL	50 mL	351407	03/31/21 12:36	TJO	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			351633	04/01/21 16:05	RJR	TAL PIT
Instrument ID: NEMO										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	350487	03/23/21 20:08	GRB	TAL PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	Field Sampling		1			350246	03/16/21 15:13	FDS	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: GWC-20

Date Collected: 03/16/21 16:23

Date Received: 03/19/21 08:45

Lab Sample ID: 180-118717-17

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1			351345	03/31/21 15:50	EPS	TAL PIT
Instrument ID: INTEGRION										
Total Recoverable	Prep	3005A			50 mL	50 mL	351407	03/31/21 12:36	TJO	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			351633	04/01/21 16:08	RJR	TAL PIT
Instrument ID: NEMO										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	350487	03/23/21 20:08	GRB	TAL PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	Field Sampling		1			350246	03/16/21 16:23	FDS	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: GWC-21

Date Collected: 03/17/21 13:35

Date Received: 03/19/21 08:45

Lab Sample ID: 180-118717-18

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1			351345	03/31/21 16:44	EPS	TAL PIT
Instrument ID: INTEGRION										
Total Recoverable	Prep	3005A			50 mL	50 mL	351407	03/31/21 12:36	TJO	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			351633	04/01/21 16:11	RJR	TAL PIT
Instrument ID: NEMO										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	350652	03/24/21 19:32	KMM	TAL PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	Field Sampling		1			350246	03/17/21 13:35	FDS	TAL PIT
Instrument ID: NOEQUIP										

Lab Chronicle

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

Job ID: 180-118717-1

Client Sample ID: GWC-23

Date Collected: 03/17/21 12:05

Date Received: 03/19/21 08:45

Lab Sample ID: 180-118717-19

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1			351345	03/31/21 17:01	EPS	TAL PIT
Instrument ID: INTEGRION										
Total Recoverable	Prep	3005A			50 mL	50 mL	351407	03/31/21 12:36	TJO	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			351633	04/01/21 16:25	RJR	TAL PIT
Instrument ID: NEMO										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	350652	03/24/21 19:32	KMM	TAL PIT
Instrument ID: NOEQUIP										
Total/NA	Analysis	Field Sampling		1			350246	03/17/21 12:05	FDS	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: DUP-1

Date Collected: 03/17/21 00:00

Date Received: 03/19/21 08:45

Lab Sample ID: 180-118717-20

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1			351345	03/31/21 17:19	EPS	TAL PIT
Instrument ID: INTEGRION										
Total Recoverable	Prep	3005A			50 mL	50 mL	351407	03/31/21 12:36	TJO	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			351633	04/01/21 16:28	RJR	TAL PIT
Instrument ID: NEMO										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	350652	03/24/21 19:32	KMM	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: FB-1

Date Collected: 03/16/21 13:10

Date Received: 03/19/21 08:45

Lab Sample ID: 180-118717-21

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1			351343	03/31/21 12:25	EPS	TAL PIT
Instrument ID: CHIC2100A										
Total Recoverable	Prep	3005A			50 mL	50 mL	351407	03/31/21 12:36	TJO	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			351633	04/01/21 16:19	RJR	TAL PIT
Instrument ID: NEMO										
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	350489	03/23/21 20:50	GRB	TAL PIT
Instrument ID: NOEQUIP										

Client Sample ID: EB-1

Date Collected: 03/16/21 12:30

Date Received: 03/19/21 08:45

Lab Sample ID: 180-118717-22

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	EPA 300.0 R2.1		1			351343	03/31/21 12:41	EPS	TAL PIT
Instrument ID: CHIC2100A										
Total Recoverable	Prep	3005A			50 mL	50 mL	351407	03/31/21 12:36	TJO	TAL PIT
Total Recoverable	Analysis	EPA 6020B		1			351633	04/01/21 16:22	RJR	TAL PIT
Instrument ID: NEMO										

Eurofins TestAmerica, Pittsburgh

Lab Chronicle

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

Job ID: 180-118717-1

Client Sample ID: EB-1

Lab Sample ID: 180-118717-22

Date Collected: 03/16/21 12:30

Matrix: Water

Date Received: 03/19/21 08:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 2540C		1	100 mL	100 mL	350489	03/23/21 20:50	GRB	TAL PIT

Laboratory References:

TAL PIT = Eurofins TestAmerica, Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058

Analyst References:

Lab: TAL PIT

Batch Type: Prep

TJO = Tyler Oliver

Batch Type: Analysis

EPS = Evan Scheuer

FDS = Sampler Field

GRB = Gabriel Berghe

KMM = Kendric Moore

RJR = Ron Rosenbaum

SAT = Stephen Tallam

Client Sample Results

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

Job ID: 180-118717-1

Client Sample ID: GWC-1

Lab Sample ID: 180-118717-1

Date Collected: 03/16/21 13:35

Matrix: Water

Date Received: 03/19/21 08:45

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5.8		1.0	0.71	mg/L			03/31/21 09:58	1
Fluoride	<0.026		0.10	0.026	mg/L			03/31/21 09:58	1
Sulfate	1.6		1.0	0.76	mg/L			03/31/21 09:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00038		0.0020	0.00038	mg/L		03/31/21 13:13	04/01/21 14:31	1
Arsenic	<0.00031		0.0010	0.00031	mg/L		03/31/21 13:13	04/01/21 14:31	1
Barium	0.039		0.010	0.0016	mg/L		03/31/21 13:13	04/01/21 14:31	1
Beryllium	0.00022	J	0.0025	0.00018	mg/L		03/31/21 13:13	04/01/21 14:31	1
Boron	<0.039		0.080	0.039	mg/L		03/31/21 13:13	04/01/21 14:31	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		03/31/21 13:13	04/01/21 14:31	1
Calcium	1.6		0.50	0.13	mg/L		03/31/21 13:13	04/01/21 14:31	1
Chromium	<0.0015		0.0020	0.0015	mg/L		03/31/21 13:13	04/01/21 14:31	1
Cobalt	0.0017	J	0.0025	0.00013	mg/L		03/31/21 13:13	04/01/21 14:31	1
Copper	<0.00063		0.0020	0.00063	mg/L		03/31/21 13:13	04/01/21 14:31	1
Lead	<0.00013		0.0010	0.00013	mg/L		03/31/21 13:13	04/01/21 14:31	1
Nickel	0.0012		0.0010	0.00034	mg/L		03/31/21 13:13	04/01/21 14:31	1
Selenium	<0.0015		0.0050	0.0015	mg/L		03/31/21 13:13	04/01/21 14:31	1
Silver	<0.00018		0.0010	0.00018	mg/L		03/31/21 13:13	04/01/21 14:31	1
Thallium	<0.00015		0.0010	0.00015	mg/L		03/31/21 13:13	04/01/21 14:31	1
Vanadium	<0.00099		0.0010	0.00099	mg/L		03/31/21 13:13	04/01/21 14:31	1
Zinc	0.0047	J	0.0050	0.0032	mg/L		03/31/21 13:13	04/01/21 14:31	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	29		10	10	mg/L			03/23/21 12:14	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	4.89				SU			03/16/21 13:35	1

Client Sample Results

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

Job ID: 180-118717-1

Client Sample ID: GWA-2

Lab Sample ID: 180-118717-2

Date Collected: 03/16/21 11:45

Matrix: Water

Date Received: 03/19/21 08:45

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4.9		1.0	0.71	mg/L			03/31/21 10:14	1
Fluoride	0.033	J	0.10	0.026	mg/L			03/31/21 10:14	1
Sulfate	<0.76		1.0	0.76	mg/L			03/31/21 10:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00038		0.0020	0.00038	mg/L		03/31/21 13:13	04/01/21 14:33	1
Arsenic	<0.00031		0.0010	0.00031	mg/L		03/31/21 13:13	04/01/21 14:33	1
Barium	0.035	J	0.010	0.0016	mg/L		03/31/21 13:13	04/01/21 14:33	1
Beryllium	<0.00018		0.0025	0.00018	mg/L		03/31/21 13:13	04/01/21 14:33	1
Boron	<0.039		0.080	0.039	mg/L		03/31/21 13:13	04/01/21 14:33	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		03/31/21 13:13	04/01/21 14:33	1
Calcium	0.40	J	0.50	0.13	mg/L		03/31/21 13:13	04/01/21 14:33	1
Chromium	0.0015	J	0.0020	0.0015	mg/L		03/31/21 13:13	04/01/21 14:33	1
Cobalt	0.0013	J	0.0025	0.00013	mg/L		03/31/21 13:13	04/01/21 14:33	1
Copper	<0.00063		0.0020	0.00063	mg/L		03/31/21 13:13	04/01/21 14:33	1
Lead	<0.00013		0.0010	0.00013	mg/L		03/31/21 13:13	04/01/21 14:33	1
Nickel	0.00072	J	0.0010	0.00034	mg/L		03/31/21 13:13	04/01/21 14:33	1
Selenium	<0.0015		0.0050	0.0015	mg/L		03/31/21 13:13	04/01/21 14:33	1
Silver	<0.00018		0.0010	0.00018	mg/L		03/31/21 13:13	04/01/21 14:33	1
Thallium	<0.00015		0.0010	0.00015	mg/L		03/31/21 13:13	04/01/21 14:33	1
Vanadium	<0.00099		0.0010	0.00099	mg/L		03/31/21 13:13	04/01/21 14:33	1
Zinc	0.0045	J	0.0050	0.0032	mg/L		03/31/21 13:13	04/01/21 14:33	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	24		10	10	mg/L			03/23/21 12:14	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	4.76				SU			03/16/21 11:45	1

Client Sample Results

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

Job ID: 180-118717-1

Client Sample ID: GWA-3

Lab Sample ID: 180-118717-3

Date Collected: 03/16/21 10:15

Matrix: Water

Date Received: 03/19/21 08:45

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3.6		1.0	0.71	mg/L			03/31/21 10:31	1
Fluoride	<0.026		0.10	0.026	mg/L			03/31/21 10:31	1
Sulfate	<0.76		1.0	0.76	mg/L			03/31/21 10:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00038		0.0020	0.00038	mg/L		03/31/21 13:13	04/01/21 14:36	1
Arsenic	<0.00031		0.0010	0.00031	mg/L		03/31/21 13:13	04/01/21 14:36	1
Barium	0.015		0.010	0.0016	mg/L		03/31/21 13:13	04/01/21 14:36	1
Beryllium	<0.00018		0.0025	0.00018	mg/L		03/31/21 13:13	04/01/21 14:36	1
Boron	<0.039		0.080	0.039	mg/L		03/31/21 13:13	04/01/21 14:36	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		03/31/21 13:13	04/01/21 14:36	1
Calcium	0.75		0.50	0.13	mg/L		03/31/21 13:13	04/01/21 14:36	1
Chromium	0.0015 J		0.0020	0.0015	mg/L		03/31/21 13:13	04/01/21 14:36	1
Cobalt	0.00033 J		0.0025	0.00013	mg/L		03/31/21 13:13	04/01/21 14:36	1
Copper	<0.00063		0.0020	0.00063	mg/L		03/31/21 13:13	04/01/21 14:36	1
Lead	<0.00013		0.0010	0.00013	mg/L		03/31/21 13:13	04/01/21 14:36	1
Nickel	<0.00034		0.0010	0.00034	mg/L		03/31/21 13:13	04/01/21 14:36	1
Selenium	<0.0015		0.0050	0.0015	mg/L		03/31/21 13:13	04/01/21 14:36	1
Silver	<0.00018		0.0010	0.00018	mg/L		03/31/21 13:13	04/01/21 14:36	1
Thallium	<0.00015		0.0010	0.00015	mg/L		03/31/21 13:13	04/01/21 14:36	1
Vanadium	<0.00099		0.0010	0.00099	mg/L		03/31/21 13:13	04/01/21 14:36	1
Zinc	0.0035 J		0.0050	0.0032	mg/L		03/31/21 13:13	04/01/21 14:36	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	25		10	10	mg/L			03/23/21 20:08	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	4.91				SU			03/16/21 10:15	1

Client Sample Results

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

Job ID: 180-118717-1

Client Sample ID: GWC-4A

Lab Sample ID: 180-118717-4

Date Collected: 03/17/21 14:35

Matrix: Water

Date Received: 03/19/21 08:45

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4.5		1.0	0.71	mg/L			03/31/21 17:55	1
Fluoride	<0.026		0.10	0.026	mg/L			03/31/21 17:55	1
Sulfate	3.5		1.0	0.76	mg/L			03/31/21 17:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00038		0.0020	0.00038	mg/L		03/31/21 13:13	04/01/21 14:39	1
Arsenic	<0.00031		0.0010	0.00031	mg/L		03/31/21 13:13	04/01/21 14:39	1
Barium	0.014		0.010	0.0016	mg/L		03/31/21 13:13	04/01/21 14:39	1
Beryllium	<0.00018		0.0025	0.00018	mg/L		03/31/21 13:13	04/01/21 14:39	1
Boron	<0.039		0.080	0.039	mg/L		03/31/21 13:13	04/01/21 14:39	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		03/31/21 13:13	04/01/21 14:39	1
Calcium	0.33	J	0.50	0.13	mg/L		03/31/21 13:13	04/01/21 14:39	1
Chromium	<0.0015		0.0020	0.0015	mg/L		03/31/21 13:13	04/01/21 14:39	1
Cobalt	0.0014	J	0.0025	0.00013	mg/L		03/31/21 13:13	04/01/21 14:39	1
Copper	0.0012	J	0.0020	0.00063	mg/L		03/31/21 13:13	04/01/21 14:39	1
Lead	<0.00013		0.0010	0.00013	mg/L		03/31/21 13:13	04/01/21 14:39	1
Nickel	0.00083	J	0.0010	0.00034	mg/L		03/31/21 13:13	04/01/21 14:39	1
Selenium	<0.0015		0.0050	0.0015	mg/L		03/31/21 13:13	04/01/21 14:39	1
Silver	<0.00018		0.0010	0.00018	mg/L		03/31/21 13:13	04/01/21 14:39	1
Thallium	<0.00015		0.0010	0.00015	mg/L		03/31/21 13:13	04/01/21 14:39	1
Vanadium	<0.00099		0.0010	0.00099	mg/L		03/31/21 13:13	04/01/21 14:39	1
Zinc	0.0039	J	0.0050	0.0032	mg/L		03/31/21 13:13	04/01/21 14:39	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	36		10	10	mg/L			03/24/21 19:32	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	4.90				SU			03/17/21 14:35	1

Client Sample Results

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

Job ID: 180-118717-1

Client Sample ID: GWC-5

Lab Sample ID: 180-118717-5

Date Collected: 03/17/21 09:35

Matrix: Water

Date Received: 03/19/21 08:45

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4.2		1.0	0.71	mg/L			04/01/21 16:37	1
Fluoride	0.026	J	0.10	0.026	mg/L			04/01/21 16:37	1
Sulfate	<0.76		1.0	0.76	mg/L			04/01/21 16:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00038		0.0020	0.00038	mg/L		03/31/21 13:13	04/01/21 14:42	1
Arsenic	<0.00031		0.0010	0.00031	mg/L		03/31/21 13:13	04/01/21 14:42	1
Barium	0.040		0.010	0.0016	mg/L		03/31/21 13:13	04/01/21 14:42	1
Beryllium	<0.00018		0.0025	0.00018	mg/L		03/31/21 13:13	04/01/21 14:42	1
Boron	<0.039		0.080	0.039	mg/L		03/31/21 13:13	04/01/21 14:42	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		03/31/21 13:13	04/01/21 14:42	1
Calcium	2.4		0.50	0.13	mg/L		03/31/21 13:13	04/01/21 14:42	1
Chromium	<0.0015		0.0020	0.0015	mg/L		03/31/21 13:13	04/01/21 14:42	1
Cobalt	0.00083	J	0.0025	0.00013	mg/L		03/31/21 13:13	04/01/21 14:42	1
Copper	<0.00063		0.0020	0.00063	mg/L		03/31/21 13:13	04/01/21 14:42	1
Lead	<0.00013		0.0010	0.00013	mg/L		03/31/21 13:13	04/01/21 14:42	1
Nickel	0.00041	J	0.0010	0.00034	mg/L		03/31/21 13:13	04/01/21 14:42	1
Selenium	<0.0015		0.0050	0.0015	mg/L		03/31/21 13:13	04/01/21 14:42	1
Silver	<0.00018		0.0010	0.00018	mg/L		03/31/21 13:13	04/01/21 14:42	1
Thallium	<0.00015		0.0010	0.00015	mg/L		03/31/21 13:13	04/01/21 14:42	1
Vanadium	<0.00099		0.0010	0.00099	mg/L		03/31/21 13:13	04/01/21 14:42	1
Zinc	0.0041	J	0.0050	0.0032	mg/L		03/31/21 13:13	04/01/21 14:42	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	31		10	10	mg/L			03/24/21 19:32	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	4.80				SU			03/17/21 09:35	1

Client Sample Results

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

Job ID: 180-118717-1

Client Sample ID: GWC-9

Lab Sample ID: 180-118717-6

Date Collected: 03/17/21 10:30

Matrix: Water

Date Received: 03/19/21 08:45

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	9.5		1.0	0.71	mg/L			04/01/21 16:20	1
Fluoride	0.035	J	0.10	0.026	mg/L			04/01/21 16:20	1
Sulfate	<0.76		1.0	0.76	mg/L			04/01/21 16:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00038		0.0020	0.00038	mg/L		03/31/21 13:13	04/01/21 14:50	1
Arsenic	<0.00031		0.0010	0.00031	mg/L		03/31/21 13:13	04/01/21 14:50	1
Barium	0.041		0.010	0.0016	mg/L		03/31/21 13:13	04/01/21 14:50	1
Beryllium	0.00024	J	0.0025	0.00018	mg/L		03/31/21 13:13	04/01/21 14:50	1
Boron	<0.039		0.080	0.039	mg/L		03/31/21 13:13	04/01/21 14:50	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		03/31/21 13:13	04/01/21 14:50	1
Calcium	0.51		0.50	0.13	mg/L		03/31/21 13:13	04/01/21 14:50	1
Chromium	<0.0015		0.0020	0.0015	mg/L		03/31/21 13:13	04/01/21 14:50	1
Cobalt	0.00092	J	0.0025	0.00013	mg/L		03/31/21 13:13	04/01/21 14:50	1
Copper	<0.00063		0.0020	0.00063	mg/L		03/31/21 13:13	04/01/21 14:50	1
Lead	<0.00013		0.0010	0.00013	mg/L		03/31/21 13:13	04/01/21 14:50	1
Nickel	0.00060	J	0.0010	0.00034	mg/L		03/31/21 13:13	04/01/21 14:50	1
Selenium	<0.0015		0.0050	0.0015	mg/L		03/31/21 13:13	04/01/21 14:50	1
Silver	<0.00018		0.0010	0.00018	mg/L		03/31/21 13:13	04/01/21 14:50	1
Thallium	<0.00015		0.0010	0.00015	mg/L		03/31/21 13:13	04/01/21 14:50	1
Vanadium	<0.00099		0.0010	0.00099	mg/L		03/31/21 13:13	04/01/21 14:50	1
Zinc	<0.0032		0.0050	0.0032	mg/L		03/31/21 13:13	04/01/21 14:50	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	40		10	10	mg/L			03/24/21 19:32	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	4.69				SU			03/17/21 10:30	1

Client Sample Results

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

Job ID: 180-118717-1

Client Sample ID: GWC-10

Lab Sample ID: 180-118717-7

Date Collected: 03/16/21 16:25

Matrix: Water

Date Received: 03/19/21 08:45

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7.2		1.0	0.71	mg/L			03/31/21 14:09	1
Fluoride	0.18		0.10	0.026	mg/L			03/31/21 14:09	1
Sulfate	2.4		1.0	0.76	mg/L			03/31/21 14:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00038		0.0020	0.00038	mg/L		03/31/21 12:36	04/01/21 15:24	1
Arsenic	0.00069	J	0.0010	0.00031	mg/L		03/31/21 12:36	04/01/21 15:24	1
Barium	0.019		0.010	0.0016	mg/L		03/31/21 12:36	04/01/21 15:24	1
Beryllium	0.00033	J	0.0025	0.00018	mg/L		03/31/21 12:36	04/01/21 15:24	1
Boron	0.045	J	0.080	0.039	mg/L		03/31/21 12:36	04/01/21 15:24	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		03/31/21 12:36	04/01/21 15:24	1
Calcium	18		0.50	0.13	mg/L		03/31/21 12:36	04/01/21 15:24	1
Chromium	0.0054		0.0020	0.0015	mg/L		03/31/21 12:36	04/01/21 15:24	1
Cobalt	<0.00013		0.0025	0.00013	mg/L		03/31/21 12:36	04/01/21 15:24	1
Copper	<0.00063		0.0020	0.00063	mg/L		03/31/21 12:36	04/01/21 15:24	1
Lead	<0.00013		0.0010	0.00013	mg/L		03/31/21 12:36	04/01/21 15:24	1
Nickel	0.00043	J	0.0010	0.00034	mg/L		03/31/21 12:36	04/01/21 15:24	1
Selenium	<0.0015		0.0050	0.0015	mg/L		03/31/21 12:36	04/01/21 15:24	1
Silver	<0.00018		0.0010	0.00018	mg/L		03/31/21 12:36	04/01/21 15:24	1
Thallium	0.00037	J	0.0010	0.00015	mg/L		03/31/21 12:36	04/01/21 15:24	1
Vanadium	0.0013		0.0010	0.00099	mg/L		03/31/21 12:36	04/01/21 15:24	1
Zinc	<0.0032		0.0050	0.0032	mg/L		03/31/21 12:36	04/01/21 15:24	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	130		10	10	mg/L			03/23/21 20:08	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	6.48				SU			03/16/21 16:25	1

Client Sample Results

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

Job ID: 180-118717-1

Client Sample ID: GWC-11

Lab Sample ID: 180-118717-8

Date Collected: 03/17/21 14:33

Matrix: Water

Date Received: 03/19/21 08:45

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4.6		1.0	0.71	mg/L			03/31/21 14:25	1
Fluoride	0.28		0.10	0.026	mg/L			03/31/21 14:25	1
Sulfate	5.6		1.0	0.76	mg/L			03/31/21 14:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00038		0.0020	0.00038	mg/L		03/31/21 12:36	04/01/21 15:37	1
Arsenic	0.0014		0.0010	0.00031	mg/L		03/31/21 12:36	04/01/21 15:37	1
Barium	0.016		0.010	0.0016	mg/L		03/31/21 12:36	04/01/21 15:37	1
Beryllium	0.00048	J	0.0025	0.00018	mg/L		03/31/21 12:36	04/01/21 15:37	1
Boron	<0.039		0.080	0.039	mg/L		03/31/21 12:36	04/01/21 15:37	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		03/31/21 12:36	04/01/21 15:37	1
Calcium	14		0.50	0.13	mg/L		03/31/21 12:36	04/01/21 15:37	1
Chromium	0.0031		0.0020	0.0015	mg/L		03/31/21 12:36	04/01/21 15:37	1
Cobalt	0.00016	J	0.0025	0.00013	mg/L		03/31/21 12:36	04/01/21 15:37	1
Copper	0.0019	J	0.0020	0.00063	mg/L		03/31/21 12:36	04/01/21 15:37	1
Lead	0.00031	J	0.0010	0.00013	mg/L		03/31/21 12:36	04/01/21 15:37	1
Nickel	0.00077	J	0.0010	0.00034	mg/L		03/31/21 12:36	04/01/21 15:37	1
Selenium	<0.0015		0.0050	0.0015	mg/L		03/31/21 12:36	04/01/21 15:37	1
Silver	<0.00018		0.0010	0.00018	mg/L		03/31/21 12:36	04/01/21 15:37	1
Thallium	0.00047	J	0.0010	0.00015	mg/L		03/31/21 12:36	04/01/21 15:37	1
Vanadium	0.0015		0.0010	0.00099	mg/L		03/31/21 12:36	04/01/21 15:37	1
Zinc	0.0032	J	0.0050	0.0032	mg/L		03/31/21 12:36	04/01/21 15:37	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	81		10	10	mg/L			03/24/21 19:32	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	6.58				SU			03/17/21 14:33	1

Client Sample Results

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

Job ID: 180-118717-1

Client Sample ID: GWC-12

Lab Sample ID: 180-118717-9

Date Collected: 03/16/21 14:40

Matrix: Water

Date Received: 03/19/21 08:45

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3.8		1.0	0.71	mg/L			03/31/21 15:14	1
Fluoride	<0.026		0.10	0.026	mg/L			03/31/21 15:14	1
Sulfate	<0.76		1.0	0.76	mg/L			03/31/21 15:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00038		0.0020	0.00038	mg/L		03/31/21 12:36	04/01/21 15:40	1
Arsenic	<0.00031		0.0010	0.00031	mg/L		03/31/21 12:36	04/01/21 15:40	1
Barium	0.010		0.010	0.0016	mg/L		03/31/21 12:36	04/01/21 15:40	1
Beryllium	0.00037	J	0.0025	0.00018	mg/L		03/31/21 12:36	04/01/21 15:40	1
Boron	<0.039		0.080	0.039	mg/L		03/31/21 12:36	04/01/21 15:40	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		03/31/21 12:36	04/01/21 15:40	1
Calcium	0.62		0.50	0.13	mg/L		03/31/21 12:36	04/01/21 15:40	1
Chromium	0.0019	J	0.0020	0.0015	mg/L		03/31/21 12:36	04/01/21 15:40	1
Cobalt	0.00058	J	0.0025	0.00013	mg/L		03/31/21 12:36	04/01/21 15:40	1
Copper	<0.00063		0.0020	0.00063	mg/L		03/31/21 12:36	04/01/21 15:40	1
Lead	<0.00013		0.0010	0.00013	mg/L		03/31/21 12:36	04/01/21 15:40	1
Nickel	0.00093	J	0.0010	0.00034	mg/L		03/31/21 12:36	04/01/21 15:40	1
Selenium	<0.0015		0.0050	0.0015	mg/L		03/31/21 12:36	04/01/21 15:40	1
Silver	<0.00018		0.0010	0.00018	mg/L		03/31/21 12:36	04/01/21 15:40	1
Thallium	0.00022	J	0.0010	0.00015	mg/L		03/31/21 12:36	04/01/21 15:40	1
Vanadium	<0.00099		0.0010	0.00099	mg/L		03/31/21 12:36	04/01/21 15:40	1
Zinc	<0.0032		0.0050	0.0032	mg/L		03/31/21 12:36	04/01/21 15:40	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	19		10	10	mg/L			03/23/21 20:08	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	4.97				SU			03/16/21 14:40	1

Client Sample Results

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

Job ID: 180-118717-1

Client Sample ID: GWA-13

Lab Sample ID: 180-118717-10

Date Collected: 03/16/21 10:10

Matrix: Water

Date Received: 03/19/21 08:45

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4.0		1.0	0.71	mg/L			03/31/21 15:30	1
Fluoride	<0.026		0.10	0.026	mg/L			03/31/21 15:30	1
Sulfate	<0.76		1.0	0.76	mg/L			03/31/21 15:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00038		0.0020	0.00038	mg/L		03/31/21 12:36	04/01/21 15:49	1
Arsenic	<0.00031		0.0010	0.00031	mg/L		03/31/21 12:36	04/01/21 15:49	1
Barium	0.018		0.010	0.0016	mg/L		03/31/21 12:36	04/01/21 15:49	1
Beryllium	0.00020	J	0.0025	0.00018	mg/L		03/31/21 12:36	04/01/21 15:49	1
Boron	<0.039		0.080	0.039	mg/L		03/31/21 12:36	04/01/21 15:49	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		03/31/21 12:36	04/01/21 15:49	1
Calcium	0.40	J	0.50	0.13	mg/L		03/31/21 12:36	04/01/21 15:49	1
Chromium	<0.0015		0.0020	0.0015	mg/L		03/31/21 12:36	04/01/21 15:49	1
Cobalt	0.00050	J	0.0025	0.00013	mg/L		03/31/21 12:36	04/01/21 15:49	1
Copper	<0.00063		0.0020	0.00063	mg/L		03/31/21 12:36	04/01/21 15:49	1
Lead	<0.00013		0.0010	0.00013	mg/L		03/31/21 12:36	04/01/21 15:49	1
Nickel	<0.00034		0.0010	0.00034	mg/L		03/31/21 12:36	04/01/21 15:49	1
Selenium	<0.0015		0.0050	0.0015	mg/L		03/31/21 12:36	04/01/21 15:49	1
Silver	<0.00018		0.0010	0.00018	mg/L		03/31/21 12:36	04/01/21 15:49	1
Thallium	<0.00015		0.0010	0.00015	mg/L		03/31/21 12:36	04/01/21 15:49	1
Vanadium	<0.00099		0.0010	0.00099	mg/L		03/31/21 12:36	04/01/21 15:49	1
Zinc	<0.0032		0.0050	0.0032	mg/L		03/31/21 12:36	04/01/21 15:49	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	23		10	10	mg/L			03/23/21 20:08	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	4.47				SU			03/16/21 10:10	1

Client Sample Results

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

Job ID: 180-118717-1

Client Sample ID: GWA-14

Lab Sample ID: 180-118717-11

Date Collected: 03/16/21 11:08

Matrix: Water

Date Received: 03/19/21 08:45

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4.1		1.0	0.71	mg/L			03/31/21 15:46	1
Fluoride	<0.026		0.10	0.026	mg/L			03/31/21 15:46	1
Sulfate	<0.76		1.0	0.76	mg/L			03/31/21 15:46	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00038		0.0020	0.00038	mg/L		03/31/21 12:36	04/01/21 15:51	1
Arsenic	<0.00031		0.0010	0.00031	mg/L		03/31/21 12:36	04/01/21 15:51	1
Barium	0.013		0.010	0.0016	mg/L		03/31/21 12:36	04/01/21 15:51	1
Beryllium	<0.00018		0.0025	0.00018	mg/L		03/31/21 12:36	04/01/21 15:51	1
Boron	<0.039		0.080	0.039	mg/L		03/31/21 12:36	04/01/21 15:51	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		03/31/21 12:36	04/01/21 15:51	1
Calcium	0.51		0.50	0.13	mg/L		03/31/21 12:36	04/01/21 15:51	1
Chromium	<0.0015		0.0020	0.0015	mg/L		03/31/21 12:36	04/01/21 15:51	1
Cobalt	0.00035 J		0.0025	0.00013	mg/L		03/31/21 12:36	04/01/21 15:51	1
Copper	<0.00063		0.0020	0.00063	mg/L		03/31/21 12:36	04/01/21 15:51	1
Lead	<0.00013		0.0010	0.00013	mg/L		03/31/21 12:36	04/01/21 15:51	1
Nickel	0.00045 J		0.0010	0.00034	mg/L		03/31/21 12:36	04/01/21 15:51	1
Selenium	<0.0015		0.0050	0.0015	mg/L		03/31/21 12:36	04/01/21 15:51	1
Silver	<0.00018		0.0010	0.00018	mg/L		03/31/21 12:36	04/01/21 15:51	1
Thallium	<0.00015		0.0010	0.00015	mg/L		03/31/21 12:36	04/01/21 15:51	1
Vanadium	<0.00099		0.0010	0.00099	mg/L		03/31/21 12:36	04/01/21 15:51	1
Zinc	0.0070		0.0050	0.0032	mg/L		03/31/21 12:36	04/01/21 15:51	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	17		10	10	mg/L			03/23/21 20:08	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	4.76				SU			03/16/21 11:08	1

Client Sample Results

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

Job ID: 180-118717-1

Client Sample ID: GWC-15

Lab Sample ID: 180-118717-12

Date Collected: 03/17/21 10:55

Matrix: Water

Date Received: 03/19/21 08:45

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4.0		1.0	0.71	mg/L			03/31/21 16:03	1
Fluoride	<0.026		0.10	0.026	mg/L			03/31/21 16:03	1
Sulfate	<0.76		1.0	0.76	mg/L			03/31/21 16:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00038		0.0020	0.00038	mg/L		03/31/21 12:36	04/01/21 15:54	1
Arsenic	<0.00031		0.0010	0.00031	mg/L		03/31/21 12:36	04/01/21 15:54	1
Barium	0.028		0.010	0.0016	mg/L		03/31/21 12:36	04/01/21 15:54	1
Beryllium	<0.00018		0.0025	0.00018	mg/L		03/31/21 12:36	04/01/21 15:54	1
Boron	<0.039		0.080	0.039	mg/L		03/31/21 12:36	04/01/21 15:54	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		03/31/21 12:36	04/01/21 15:54	1
Calcium	5.5		0.50	0.13	mg/L		03/31/21 12:36	04/01/21 15:54	1
Chromium	<0.0015		0.0020	0.0015	mg/L		03/31/21 12:36	04/01/21 15:54	1
Cobalt	0.00040	J	0.0025	0.00013	mg/L		03/31/21 12:36	04/01/21 15:54	1
Copper	<0.00063		0.0020	0.00063	mg/L		03/31/21 12:36	04/01/21 15:54	1
Lead	<0.00013		0.0010	0.00013	mg/L		03/31/21 12:36	04/01/21 15:54	1
Nickel	0.00047	J	0.0010	0.00034	mg/L		03/31/21 12:36	04/01/21 15:54	1
Selenium	<0.0015		0.0050	0.0015	mg/L		03/31/21 12:36	04/01/21 15:54	1
Silver	<0.00018		0.0010	0.00018	mg/L		03/31/21 12:36	04/01/21 15:54	1
Thallium	<0.00015		0.0010	0.00015	mg/L		03/31/21 12:36	04/01/21 15:54	1
Vanadium	<0.00099		0.0010	0.00099	mg/L		03/31/21 12:36	04/01/21 15:54	1
Zinc	0.0063		0.0050	0.0032	mg/L		03/31/21 12:36	04/01/21 15:54	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	29		10	10	mg/L			03/24/21 19:32	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	5.41				SU			03/17/21 10:55	1

Client Sample Results

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

Job ID: 180-118717-1

Client Sample ID: GWA-16

Lab Sample ID: 180-118717-13

Date Collected: 03/16/21 12:18

Matrix: Water

Date Received: 03/19/21 08:45

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4.1		1.0	0.71	mg/L			03/31/21 16:19	1
Fluoride	<0.026		0.10	0.026	mg/L			03/31/21 16:19	1
Sulfate	<0.76		1.0	0.76	mg/L			03/31/21 16:19	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00038		0.0020	0.00038	mg/L		03/31/21 12:36	04/01/21 15:57	1
Arsenic	<0.00031		0.0010	0.00031	mg/L		03/31/21 12:36	04/01/21 15:57	1
Barium	0.025		0.010	0.0016	mg/L		03/31/21 12:36	04/01/21 15:57	1
Beryllium	<0.00018		0.0025	0.00018	mg/L		03/31/21 12:36	04/01/21 15:57	1
Boron	<0.039		0.080	0.039	mg/L		03/31/21 12:36	04/01/21 15:57	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		03/31/21 12:36	04/01/21 15:57	1
Calcium	0.48	J	0.50	0.13	mg/L		03/31/21 12:36	04/01/21 15:57	1
Chromium	0.0017	J	0.0020	0.0015	mg/L		03/31/21 12:36	04/01/21 15:57	1
Cobalt	0.00047	J	0.0025	0.00013	mg/L		03/31/21 12:36	04/01/21 15:57	1
Copper	<0.00063		0.0020	0.00063	mg/L		03/31/21 12:36	04/01/21 15:57	1
Lead	<0.00013		0.0010	0.00013	mg/L		03/31/21 12:36	04/01/21 15:57	1
Nickel	0.00043	J	0.0010	0.00034	mg/L		03/31/21 12:36	04/01/21 15:57	1
Selenium	<0.0015		0.0050	0.0015	mg/L		03/31/21 12:36	04/01/21 15:57	1
Silver	<0.00018		0.0010	0.00018	mg/L		03/31/21 12:36	04/01/21 15:57	1
Thallium	<0.00015		0.0010	0.00015	mg/L		03/31/21 12:36	04/01/21 15:57	1
Vanadium	<0.00099		0.0010	0.00099	mg/L		03/31/21 12:36	04/01/21 15:57	1
Zinc	0.0050		0.0050	0.0032	mg/L		03/31/21 12:36	04/01/21 15:57	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	20		10	10	mg/L			03/23/21 20:50	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	4.68				SU			03/16/21 12:18	1

Client Sample Results

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

Job ID: 180-118717-1

Client Sample ID: GWC-17

Lab Sample ID: 180-118717-14

Date Collected: 03/16/21 13:29

Matrix: Water

Date Received: 03/19/21 08:45

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4.9		1.0	0.71	mg/L			03/31/21 16:35	1
Fluoride	0.13		0.10	0.026	mg/L			03/31/21 16:35	1
Sulfate	<0.76		1.0	0.76	mg/L			03/31/21 16:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00038		0.0020	0.00038	mg/L		03/31/21 12:36	04/01/21 16:00	1
Arsenic	<0.00031		0.0010	0.00031	mg/L		03/31/21 12:36	04/01/21 16:00	1
Barium	0.017		0.010	0.0016	mg/L		03/31/21 12:36	04/01/21 16:00	1
Beryllium	0.00062	J	0.0025	0.00018	mg/L		03/31/21 12:36	04/01/21 16:00	1
Boron	<0.039		0.080	0.039	mg/L		03/31/21 12:36	04/01/21 16:00	1
Cadmium	0.00057	J	0.0025	0.00022	mg/L		03/31/21 12:36	04/01/21 16:00	1
Calcium	2.0		0.50	0.13	mg/L		03/31/21 12:36	04/01/21 16:00	1
Chromium	0.0031		0.0020	0.0015	mg/L		03/31/21 12:36	04/01/21 16:00	1
Cobalt	0.00027	J	0.0025	0.00013	mg/L		03/31/21 12:36	04/01/21 16:00	1
Copper	<0.00063		0.0020	0.00063	mg/L		03/31/21 12:36	04/01/21 16:00	1
Lead	<0.00013		0.0010	0.00013	mg/L		03/31/21 12:36	04/01/21 16:00	1
Nickel	0.0015		0.0010	0.00034	mg/L		03/31/21 12:36	04/01/21 16:00	1
Selenium	<0.0015		0.0050	0.0015	mg/L		03/31/21 12:36	04/01/21 16:00	1
Silver	<0.00018		0.0010	0.00018	mg/L		03/31/21 12:36	04/01/21 16:00	1
Thallium	<0.00015		0.0010	0.00015	mg/L		03/31/21 12:36	04/01/21 16:00	1
Vanadium	<0.00099		0.0010	0.00099	mg/L		03/31/21 12:36	04/01/21 16:00	1
Zinc	0.0060		0.0050	0.0032	mg/L		03/31/21 12:36	04/01/21 16:00	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	25		10	10	mg/L			03/23/21 20:50	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	4.83				SU			03/16/21 13:29	1

Client Sample Results

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

Job ID: 180-118717-1

Client Sample ID: GWC-18

Lab Sample ID: 180-118717-15

Date Collected: 03/17/21 12:35

Matrix: Water

Date Received: 03/19/21 08:45

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4.7		1.0	0.71	mg/L			03/31/21 15:14	1
Fluoride	0.54		0.10	0.026	mg/L			03/31/21 15:14	1
Sulfate	3.5		1.0	0.76	mg/L			03/31/21 15:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00038		0.0020	0.00038	mg/L		03/31/21 12:36	04/01/21 16:03	1
Arsenic	0.00072	J	0.0010	0.00031	mg/L		03/31/21 12:36	04/01/21 16:03	1
Barium	0.013		0.010	0.0016	mg/L		03/31/21 12:36	04/01/21 16:03	1
Beryllium	<0.00018		0.0025	0.00018	mg/L		03/31/21 12:36	04/01/21 16:03	1
Boron	<0.039		0.080	0.039	mg/L		03/31/21 12:36	04/01/21 16:03	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		03/31/21 12:36	04/01/21 16:03	1
Calcium	9.1		0.50	0.13	mg/L		03/31/21 12:36	04/01/21 16:03	1
Chromium	0.0027		0.0020	0.0015	mg/L		03/31/21 12:36	04/01/21 16:03	1
Cobalt	<0.00013		0.0025	0.00013	mg/L		03/31/21 12:36	04/01/21 16:03	1
Copper	0.0010	J	0.0020	0.00063	mg/L		03/31/21 12:36	04/01/21 16:03	1
Lead	0.00015	J	0.0010	0.00013	mg/L		03/31/21 12:36	04/01/21 16:03	1
Nickel	0.0011		0.0010	0.00034	mg/L		03/31/21 12:36	04/01/21 16:03	1
Selenium	<0.0015		0.0050	0.0015	mg/L		03/31/21 12:36	04/01/21 16:03	1
Silver	<0.00018		0.0010	0.00018	mg/L		03/31/21 12:36	04/01/21 16:03	1
Thallium	0.00016	J	0.0010	0.00015	mg/L		03/31/21 12:36	04/01/21 16:03	1
Vanadium	0.0026		0.0010	0.00099	mg/L		03/31/21 12:36	04/01/21 16:03	1
Zinc	0.0032	J	0.0050	0.0032	mg/L		03/31/21 12:36	04/01/21 16:03	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	59		10	10	mg/L			03/24/21 19:32	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	5.99				SU			03/17/21 12:35	1

Client Sample Results

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

Job ID: 180-118717-1

Client Sample ID: GWC-19

Lab Sample ID: 180-118717-16

Date Collected: 03/16/21 15:13

Matrix: Water

Date Received: 03/19/21 08:45

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6.5		1.0	0.71	mg/L			03/31/21 15:32	1
Fluoride	0.092	J	0.10	0.026	mg/L			03/31/21 15:32	1
Sulfate	1.9		1.0	0.76	mg/L			03/31/21 15:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00038		0.0020	0.00038	mg/L		03/31/21 12:36	04/01/21 16:05	1
Arsenic	<0.00031		0.0010	0.00031	mg/L		03/31/21 12:36	04/01/21 16:05	1
Barium	0.0099	J	0.010	0.0016	mg/L		03/31/21 12:36	04/01/21 16:05	1
Beryllium	0.00024	J	0.0025	0.00018	mg/L		03/31/21 12:36	04/01/21 16:05	1
Boron	<0.039		0.080	0.039	mg/L		03/31/21 12:36	04/01/21 16:05	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		03/31/21 12:36	04/01/21 16:05	1
Calcium	7.0		0.50	0.13	mg/L		03/31/21 12:36	04/01/21 16:05	1
Chromium	0.0017	J	0.0020	0.0015	mg/L		03/31/21 12:36	04/01/21 16:05	1
Cobalt	<0.00013		0.0025	0.00013	mg/L		03/31/21 12:36	04/01/21 16:05	1
Copper	<0.00063		0.0020	0.00063	mg/L		03/31/21 12:36	04/01/21 16:05	1
Lead	<0.00013		0.0010	0.00013	mg/L		03/31/21 12:36	04/01/21 16:05	1
Nickel	0.0012		0.0010	0.00034	mg/L		03/31/21 12:36	04/01/21 16:05	1
Selenium	<0.0015		0.0050	0.0015	mg/L		03/31/21 12:36	04/01/21 16:05	1
Silver	<0.00018		0.0010	0.00018	mg/L		03/31/21 12:36	04/01/21 16:05	1
Thallium	<0.00015		0.0010	0.00015	mg/L		03/31/21 12:36	04/01/21 16:05	1
Vanadium	<0.00099		0.0010	0.00099	mg/L		03/31/21 12:36	04/01/21 16:05	1
Zinc	<0.0032		0.0050	0.0032	mg/L		03/31/21 12:36	04/01/21 16:05	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	65		10	10	mg/L			03/23/21 20:08	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	5.45				SU			03/16/21 15:13	1

Client Sample Results

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

Job ID: 180-118717-1

Client Sample ID: GWC-20

Lab Sample ID: 180-118717-17

Date Collected: 03/16/21 16:23

Matrix: Water

Date Received: 03/19/21 08:45

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	8.0		1.0	0.71	mg/L			03/31/21 15:50	1
Fluoride	0.040	J	0.10	0.026	mg/L			03/31/21 15:50	1
Sulfate	0.98	J	1.0	0.76	mg/L			03/31/21 15:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00038		0.0020	0.00038	mg/L		03/31/21 12:36	04/01/21 16:08	1
Arsenic	<0.00031		0.0010	0.00031	mg/L		03/31/21 12:36	04/01/21 16:08	1
Barium	0.016		0.010	0.0016	mg/L		03/31/21 12:36	04/01/21 16:08	1
Beryllium	0.00022	J	0.0025	0.00018	mg/L		03/31/21 12:36	04/01/21 16:08	1
Boron	<0.039		0.080	0.039	mg/L		03/31/21 12:36	04/01/21 16:08	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		03/31/21 12:36	04/01/21 16:08	1
Calcium	1.4		0.50	0.13	mg/L		03/31/21 12:36	04/01/21 16:08	1
Chromium	<0.0015		0.0020	0.0015	mg/L		03/31/21 12:36	04/01/21 16:08	1
Cobalt	0.00090	J	0.0025	0.00013	mg/L		03/31/21 12:36	04/01/21 16:08	1
Copper	<0.00063		0.0020	0.00063	mg/L		03/31/21 12:36	04/01/21 16:08	1
Lead	<0.00013		0.0010	0.00013	mg/L		03/31/21 12:36	04/01/21 16:08	1
Nickel	0.00093	J	0.0010	0.00034	mg/L		03/31/21 12:36	04/01/21 16:08	1
Selenium	<0.0015		0.0050	0.0015	mg/L		03/31/21 12:36	04/01/21 16:08	1
Silver	<0.00018		0.0010	0.00018	mg/L		03/31/21 12:36	04/01/21 16:08	1
Thallium	<0.00015		0.0010	0.00015	mg/L		03/31/21 12:36	04/01/21 16:08	1
Vanadium	<0.00099		0.0010	0.00099	mg/L		03/31/21 12:36	04/01/21 16:08	1
Zinc	<0.0032		0.0050	0.0032	mg/L		03/31/21 12:36	04/01/21 16:08	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	37		10	10	mg/L			03/23/21 20:08	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	4.78				SU			03/16/21 16:23	1

Client Sample Results

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

Job ID: 180-118717-1

Client Sample ID: GWC-21

Lab Sample ID: 180-118717-18

Date Collected: 03/17/21 13:35

Matrix: Water

Date Received: 03/19/21 08:45

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6.7		1.0	0.71	mg/L			03/31/21 16:44	1
Fluoride	<0.026		0.10	0.026	mg/L			03/31/21 16:44	1
Sulfate	<0.76		1.0	0.76	mg/L			03/31/21 16:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00038		0.0020	0.00038	mg/L		03/31/21 12:36	04/01/21 16:11	1
Arsenic	<0.00031		0.0010	0.00031	mg/L		03/31/21 12:36	04/01/21 16:11	1
Barium	0.019		0.010	0.0016	mg/L		03/31/21 12:36	04/01/21 16:11	1
Beryllium	<0.00018		0.0025	0.00018	mg/L		03/31/21 12:36	04/01/21 16:11	1
Boron	<0.039		0.080	0.039	mg/L		03/31/21 12:36	04/01/21 16:11	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		03/31/21 12:36	04/01/21 16:11	1
Calcium	1.1		0.50	0.13	mg/L		03/31/21 12:36	04/01/21 16:11	1
Chromium	<0.0015		0.0020	0.0015	mg/L		03/31/21 12:36	04/01/21 16:11	1
Cobalt	0.00092 J		0.0025	0.00013	mg/L		03/31/21 12:36	04/01/21 16:11	1
Copper	<0.00063		0.0020	0.00063	mg/L		03/31/21 12:36	04/01/21 16:11	1
Lead	<0.00013		0.0010	0.00013	mg/L		03/31/21 12:36	04/01/21 16:11	1
Nickel	0.00068 J		0.0010	0.00034	mg/L		03/31/21 12:36	04/01/21 16:11	1
Selenium	<0.0015		0.0050	0.0015	mg/L		03/31/21 12:36	04/01/21 16:11	1
Silver	<0.00018		0.0010	0.00018	mg/L		03/31/21 12:36	04/01/21 16:11	1
Thallium	<0.00015		0.0010	0.00015	mg/L		03/31/21 12:36	04/01/21 16:11	1
Vanadium	<0.00099		0.0010	0.00099	mg/L		03/31/21 12:36	04/01/21 16:11	1
Zinc	<0.0032		0.0050	0.0032	mg/L		03/31/21 12:36	04/01/21 16:11	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	24		10	10	mg/L			03/24/21 19:32	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	4.80				SU			03/17/21 13:35	1

Client Sample Results

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

Job ID: 180-118717-1

Client Sample ID: GWC-23

Lab Sample ID: 180-118717-19

Date Collected: 03/17/21 12:05

Matrix: Water

Date Received: 03/19/21 08:45

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5.5		1.0	0.71	mg/L			03/31/21 17:01	1
Fluoride	<0.026		0.10	0.026	mg/L			03/31/21 17:01	1
Sulfate	1.8		1.0	0.76	mg/L			03/31/21 17:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00038		0.0020	0.00038	mg/L		03/31/21 12:36	04/01/21 16:25	1
Arsenic	<0.00031		0.0010	0.00031	mg/L		03/31/21 12:36	04/01/21 16:25	1
Barium	0.024		0.010	0.0016	mg/L		03/31/21 12:36	04/01/21 16:25	1
Beryllium	0.00018	J	0.0025	0.00018	mg/L		03/31/21 12:36	04/01/21 16:25	1
Boron	<0.039		0.080	0.039	mg/L		03/31/21 12:36	04/01/21 16:25	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		03/31/21 12:36	04/01/21 16:25	1
Calcium	0.99		0.50	0.13	mg/L		03/31/21 12:36	04/01/21 16:25	1
Chromium	0.0027		0.0020	0.0015	mg/L		03/31/21 12:36	04/01/21 16:25	1
Cobalt	0.0035		0.0025	0.00013	mg/L		03/31/21 12:36	04/01/21 16:25	1
Copper	<0.00063		0.0020	0.00063	mg/L		03/31/21 12:36	04/01/21 16:25	1
Lead	<0.00013		0.0010	0.00013	mg/L		03/31/21 12:36	04/01/21 16:25	1
Nickel	0.0014		0.0010	0.00034	mg/L		03/31/21 12:36	04/01/21 16:25	1
Selenium	<0.0015		0.0050	0.0015	mg/L		03/31/21 12:36	04/01/21 16:25	1
Silver	<0.00018		0.0010	0.00018	mg/L		03/31/21 12:36	04/01/21 16:25	1
Thallium	<0.00015		0.0010	0.00015	mg/L		03/31/21 12:36	04/01/21 16:25	1
Vanadium	<0.00099		0.0010	0.00099	mg/L		03/31/21 12:36	04/01/21 16:25	1
Zinc	0.0033	J	0.0050	0.0032	mg/L		03/31/21 12:36	04/01/21 16:25	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	24		10	10	mg/L			03/24/21 19:32	1

Method: Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	4.97				SU			03/17/21 12:05	1

Client Sample Results

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

Job ID: 180-118717-1

Client Sample ID: DUP-1

Lab Sample ID: 180-118717-20

Date Collected: 03/17/21 00:00

Matrix: Water

Date Received: 03/19/21 08:45

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3.9		1.0	0.71	mg/L			03/31/21 17:19	1
Fluoride	<0.026		0.10	0.026	mg/L			03/31/21 17:19	1
Sulfate	<0.76		1.0	0.76	mg/L			03/31/21 17:19	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00038		0.0020	0.00038	mg/L		03/31/21 12:36	04/01/21 16:28	1
Arsenic	<0.00031		0.0010	0.00031	mg/L		03/31/21 12:36	04/01/21 16:28	1
Barium	0.027		0.010	0.0016	mg/L		03/31/21 12:36	04/01/21 16:28	1
Beryllium	<0.00018		0.0025	0.00018	mg/L		03/31/21 12:36	04/01/21 16:28	1
Boron	<0.039		0.080	0.039	mg/L		03/31/21 12:36	04/01/21 16:28	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		03/31/21 12:36	04/01/21 16:28	1
Calcium	5.3		0.50	0.13	mg/L		03/31/21 12:36	04/01/21 16:28	1
Chromium	<0.0015		0.0020	0.0015	mg/L		03/31/21 12:36	04/01/21 16:28	1
Cobalt	0.00034	J	0.0025	0.00013	mg/L		03/31/21 12:36	04/01/21 16:28	1
Copper	<0.00063		0.0020	0.00063	mg/L		03/31/21 12:36	04/01/21 16:28	1
Lead	<0.00013		0.0010	0.00013	mg/L		03/31/21 12:36	04/01/21 16:28	1
Nickel	0.00044	J	0.0010	0.00034	mg/L		03/31/21 12:36	04/01/21 16:28	1
Selenium	<0.0015		0.0050	0.0015	mg/L		03/31/21 12:36	04/01/21 16:28	1
Silver	<0.00018		0.0010	0.00018	mg/L		03/31/21 12:36	04/01/21 16:28	1
Thallium	<0.00015		0.0010	0.00015	mg/L		03/31/21 12:36	04/01/21 16:28	1
Vanadium	<0.00099		0.0010	0.00099	mg/L		03/31/21 12:36	04/01/21 16:28	1
Zinc	0.0044	J	0.0050	0.0032	mg/L		03/31/21 12:36	04/01/21 16:28	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	32		10	10	mg/L			03/24/21 19:32	1

Client Sample Results

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

Job ID: 180-118717-1

Client Sample ID: FB-1

Lab Sample ID: 180-118717-21

Date Collected: 03/16/21 13:10

Matrix: Water

Date Received: 03/19/21 08:45

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.71		1.0	0.71	mg/L			03/31/21 12:25	1
Fluoride	<0.026		0.10	0.026	mg/L			03/31/21 12:25	1
Sulfate	<0.76		1.0	0.76	mg/L			03/31/21 12:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00038		0.0020	0.00038	mg/L		03/31/21 12:36	04/01/21 16:19	1
Arsenic	<0.00031		0.0010	0.00031	mg/L		03/31/21 12:36	04/01/21 16:19	1
Barium	<0.0016		0.010	0.0016	mg/L		03/31/21 12:36	04/01/21 16:19	1
Beryllium	<0.00018		0.0025	0.00018	mg/L		03/31/21 12:36	04/01/21 16:19	1
Boron	<0.039		0.080	0.039	mg/L		03/31/21 12:36	04/01/21 16:19	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		03/31/21 12:36	04/01/21 16:19	1
Calcium	<0.13		0.50	0.13	mg/L		03/31/21 12:36	04/01/21 16:19	1
Chromium	<0.0015		0.0020	0.0015	mg/L		03/31/21 12:36	04/01/21 16:19	1
Cobalt	<0.00013		0.0025	0.00013	mg/L		03/31/21 12:36	04/01/21 16:19	1
Copper	<0.00063		0.0020	0.00063	mg/L		03/31/21 12:36	04/01/21 16:19	1
Lead	<0.00013		0.0010	0.00013	mg/L		03/31/21 12:36	04/01/21 16:19	1
Nickel	<0.00034		0.0010	0.00034	mg/L		03/31/21 12:36	04/01/21 16:19	1
Selenium	<0.0015		0.0050	0.0015	mg/L		03/31/21 12:36	04/01/21 16:19	1
Silver	<0.00018		0.0010	0.00018	mg/L		03/31/21 12:36	04/01/21 16:19	1
Thallium	<0.00015		0.0010	0.00015	mg/L		03/31/21 12:36	04/01/21 16:19	1
Vanadium	<0.00099		0.0010	0.00099	mg/L		03/31/21 12:36	04/01/21 16:19	1
Zinc	<0.0032		0.0050	0.0032	mg/L		03/31/21 12:36	04/01/21 16:19	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			03/23/21 20:50	1

Client Sample Results

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

Job ID: 180-118717-1

Client Sample ID: EB-1

Lab Sample ID: 180-118717-22

Date Collected: 03/16/21 12:30

Matrix: Water

Date Received: 03/19/21 08:45

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.71		1.0	0.71	mg/L			03/31/21 12:41	1
Fluoride	<0.026		0.10	0.026	mg/L			03/31/21 12:41	1
Sulfate	<0.76		1.0	0.76	mg/L			03/31/21 12:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00038		0.0020	0.00038	mg/L		03/31/21 12:36	04/01/21 16:22	1
Arsenic	<0.00031		0.0010	0.00031	mg/L		03/31/21 12:36	04/01/21 16:22	1
Barium	<0.0016		0.010	0.0016	mg/L		03/31/21 12:36	04/01/21 16:22	1
Beryllium	<0.00018		0.0025	0.00018	mg/L		03/31/21 12:36	04/01/21 16:22	1
Boron	<0.039		0.080	0.039	mg/L		03/31/21 12:36	04/01/21 16:22	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		03/31/21 12:36	04/01/21 16:22	1
Calcium	<0.13		0.50	0.13	mg/L		03/31/21 12:36	04/01/21 16:22	1
Chromium	<0.0015		0.0020	0.0015	mg/L		03/31/21 12:36	04/01/21 16:22	1
Cobalt	<0.00013		0.0025	0.00013	mg/L		03/31/21 12:36	04/01/21 16:22	1
Copper	<0.00063		0.0020	0.00063	mg/L		03/31/21 12:36	04/01/21 16:22	1
Lead	<0.00013		0.0010	0.00013	mg/L		03/31/21 12:36	04/01/21 16:22	1
Nickel	<0.00034		0.0010	0.00034	mg/L		03/31/21 12:36	04/01/21 16:22	1
Selenium	<0.0015		0.0050	0.0015	mg/L		03/31/21 12:36	04/01/21 16:22	1
Silver	<0.00018		0.0010	0.00018	mg/L		03/31/21 12:36	04/01/21 16:22	1
Thallium	<0.00015		0.0010	0.00015	mg/L		03/31/21 12:36	04/01/21 16:22	1
Vanadium	<0.00099		0.0010	0.00099	mg/L		03/31/21 12:36	04/01/21 16:22	1
Zinc	<0.0032		0.0050	0.0032	mg/L		03/31/21 12:36	04/01/21 16:22	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			03/23/21 20:50	1

QC Sample Results

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

Job ID: 180-118717-1

Method: EPA 300.0 R2.1 - Anions, Ion Chromatography

Lab Sample ID: MB 180-351343/6
Matrix: Water
Analysis Batch: 351343

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.71		1.0	0.71	mg/L			03/31/21 08:53	1
Fluoride	<0.026		0.10	0.026	mg/L			03/31/21 08:53	1
Sulfate	<0.76		1.0	0.76	mg/L			03/31/21 08:53	1

Lab Sample ID: LCS 180-351343/5
Matrix: Water
Analysis Batch: 351343

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	50.0	50.1		mg/L		100	90 - 110
Fluoride	2.50	2.45		mg/L		98	90 - 110
Sulfate	50.0	50.1		mg/L		100	90 - 110

Lab Sample ID: MB 180-351345/6
Matrix: Water
Analysis Batch: 351345

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.71		1.0	0.71	mg/L			03/31/21 10:28	1
Fluoride	<0.026		0.10	0.026	mg/L			03/31/21 10:28	1
Sulfate	<0.76		1.0	0.76	mg/L			03/31/21 10:28	1

Lab Sample ID: LCS 180-351345/5
Matrix: Water
Analysis Batch: 351345

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	50.0	51.7		mg/L		103	90 - 110
Fluoride	2.50	2.50		mg/L		100	90 - 110
Sulfate	50.0	51.3		mg/L		103	90 - 110

Lab Sample ID: MB 180-351490/6
Matrix: Water
Analysis Batch: 351490

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.71		1.0	0.71	mg/L			04/01/21 08:06	1
Fluoride	<0.026		0.10	0.026	mg/L			04/01/21 08:06	1
Sulfate	<0.76		1.0	0.76	mg/L			04/01/21 08:06	1

Lab Sample ID: LCS 180-351490/5
Matrix: Water
Analysis Batch: 351490

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	50.0	52.0		mg/L		104	90 - 110
Fluoride	2.50	2.71		mg/L		108	90 - 110
Sulfate	50.0	51.7		mg/L		103	90 - 110

QC Sample Results

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

Job ID: 180-118717-1

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

Lab Sample ID: MB 180-351407/1-A
Matrix: Water
Analysis Batch: 351633

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 351407

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00038		0.0020	0.00038	mg/L		03/31/21 12:36	04/01/21 15:18	1
Arsenic	<0.00031		0.0010	0.00031	mg/L		03/31/21 12:36	04/01/21 15:18	1
Barium	<0.0016		0.010	0.0016	mg/L		03/31/21 12:36	04/01/21 15:18	1
Beryllium	<0.00018		0.0025	0.00018	mg/L		03/31/21 12:36	04/01/21 15:18	1
Boron	<0.039		0.080	0.039	mg/L		03/31/21 12:36	04/01/21 15:18	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		03/31/21 12:36	04/01/21 15:18	1
Calcium	<0.13		0.50	0.13	mg/L		03/31/21 12:36	04/01/21 15:18	1
Chromium	<0.0015		0.0020	0.0015	mg/L		03/31/21 12:36	04/01/21 15:18	1
Cobalt	<0.00013		0.0025	0.00013	mg/L		03/31/21 12:36	04/01/21 15:18	1
Copper	<0.00063		0.0020	0.00063	mg/L		03/31/21 12:36	04/01/21 15:18	1
Lead	<0.00013		0.0010	0.00013	mg/L		03/31/21 12:36	04/01/21 15:18	1
Nickel	<0.00034		0.0010	0.00034	mg/L		03/31/21 12:36	04/01/21 15:18	1
Selenium	<0.0015		0.0050	0.0015	mg/L		03/31/21 12:36	04/01/21 15:18	1
Silver	<0.00018		0.0010	0.00018	mg/L		03/31/21 12:36	04/01/21 15:18	1
Thallium	<0.00015		0.0010	0.00015	mg/L		03/31/21 12:36	04/01/21 15:18	1
Vanadium	<0.00099		0.0010	0.00099	mg/L		03/31/21 12:36	04/01/21 15:18	1
Zinc	<0.0032		0.0050	0.0032	mg/L		03/31/21 12:36	04/01/21 15:18	1

Lab Sample ID: LCS 180-351407/2-A
Matrix: Water
Analysis Batch: 351633

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 351407

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	0.250	0.233		mg/L		93	80 - 120
Arsenic	1.00	0.976		mg/L		98	80 - 120
Barium	1.00	0.992		mg/L		99	80 - 120
Beryllium	0.500	0.440		mg/L		88	80 - 120
Boron	1.25	1.04		mg/L		83	80 - 120
Cadmium	0.500	0.502		mg/L		100	80 - 120
Calcium	25.0	25.9		mg/L		104	80 - 120
Chromium	0.500	0.494		mg/L		99	80 - 120
Cobalt	0.500	0.497		mg/L		99	80 - 120
Copper	0.500	0.489		mg/L		98	80 - 120
Lead	0.500	0.488		mg/L		98	80 - 120
Nickel	0.500	0.485		mg/L		97	80 - 120
Selenium	1.00	0.995		mg/L		100	80 - 120
Silver	0.250	0.245		mg/L		98	80 - 120
Thallium	1.00	1.02		mg/L		102	80 - 120
Vanadium	0.500	0.492		mg/L		98	80 - 120
Zinc	0.250	0.231		mg/L		92	80 - 120

Lab Sample ID: 180-118717-7 MS
Matrix: Water
Analysis Batch: 351633

Client Sample ID: GWC-10
Prep Type: Total Recoverable
Prep Batch: 351407

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	<0.00038		0.250	0.231		mg/L		93	75 - 125
Arsenic	0.00069	J	1.00	1.01		mg/L		101	75 - 125
Barium	0.019		1.00	0.999		mg/L		98	75 - 125

Eurofins TestAmerica, Pittsburgh

QC Sample Results

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

Job ID: 180-118717-1

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

Lab Sample ID: 180-118717-7 MS
Matrix: Water
Analysis Batch: 351633

Client Sample ID: GWC-10
Prep Type: Total Recoverable
Prep Batch: 351407

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Beryllium	0.00033	J	0.500	0.444		mg/L		89	75 - 125
Boron	0.045	J	1.25	1.09		mg/L		84	75 - 125
Cadmium	<0.00022		0.500	0.494		mg/L		99	75 - 125
Calcium	18		25.0	44.6		mg/L		106	75 - 125
Chromium	0.0054		0.500	0.494		mg/L		98	75 - 125
Cobalt	<0.00013		0.500	0.511		mg/L		102	75 - 125
Copper	<0.00063		0.500	0.503		mg/L		101	75 - 125
Lead	<0.00013		0.500	0.509		mg/L		102	75 - 125
Nickel	0.00043	J	0.500	0.497		mg/L		99	75 - 125
Selenium	<0.0015		1.00	0.975		mg/L		97	75 - 125
Silver	<0.00018		0.250	0.246		mg/L		99	75 - 125
Thallium	0.00037	J	1.00	1.05		mg/L		105	75 - 125
Vanadium	0.0013		0.500	0.489		mg/L		98	75 - 125
Zinc	<0.0032		0.250	0.238		mg/L		95	75 - 125

Lab Sample ID: 180-118717-7 MSD
Matrix: Water
Analysis Batch: 351633

Client Sample ID: GWC-10
Prep Type: Total Recoverable
Prep Batch: 351407

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Antimony	<0.00038		0.250	0.233		mg/L		93	75 - 125	1	20
Arsenic	0.00069	J	1.00	0.986		mg/L		99	75 - 125	2	20
Barium	0.019		1.00	1.01		mg/L		99	75 - 125	1	20
Beryllium	0.00033	J	0.500	0.435		mg/L		87	75 - 125	2	20
Boron	0.045	J	1.25	1.07		mg/L		82	75 - 125	2	20
Cadmium	<0.00022		0.500	0.499		mg/L		100	75 - 125	1	20
Calcium	18		25.0	43.2		mg/L		101	75 - 125	3	20
Chromium	0.0054		0.500	0.479		mg/L		95	75 - 125	3	20
Cobalt	<0.00013		0.500	0.499		mg/L		100	75 - 125	2	20
Copper	<0.00063		0.500	0.490		mg/L		98	75 - 125	3	20
Lead	<0.00013		0.500	0.480		mg/L		96	75 - 125	6	20
Nickel	0.00043	J	0.500	0.491		mg/L		98	75 - 125	1	20
Selenium	<0.0015		1.00	1.00		mg/L		100	75 - 125	3	20
Silver	<0.00018		0.250	0.245		mg/L		98	75 - 125	1	20
Thallium	0.00037	J	1.00	0.994		mg/L		99	75 - 125	6	20
Vanadium	0.0013		0.500	0.480		mg/L		96	75 - 125	2	20
Zinc	<0.0032		0.250	0.235		mg/L		94	75 - 125	1	20

Lab Sample ID: MB 180-351412/1-A
Matrix: Water
Analysis Batch: 351633

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 351412

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00038		0.0020	0.00038	mg/L		03/31/21 13:13	04/01/21 13:49	1
Arsenic	<0.00031		0.0010	0.00031	mg/L		03/31/21 13:13	04/01/21 13:49	1
Barium	<0.0016		0.010	0.0016	mg/L		03/31/21 13:13	04/01/21 13:49	1
Beryllium	<0.00018		0.0025	0.00018	mg/L		03/31/21 13:13	04/01/21 13:49	1
Boron	<0.039		0.080	0.039	mg/L		03/31/21 13:13	04/01/21 13:49	1
Cadmium	<0.00022		0.0025	0.00022	mg/L		03/31/21 13:13	04/01/21 13:49	1

Eurofins TestAmerica, Pittsburgh

QC Sample Results

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

Job ID: 180-118717-1

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

Lab Sample ID: MB 180-351412/1-A
Matrix: Water
Analysis Batch: 351633

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 351412

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	<0.13		0.50	0.13	mg/L		03/31/21 13:13	04/01/21 13:49	1
Chromium	<0.0015		0.0020	0.0015	mg/L		03/31/21 13:13	04/01/21 13:49	1
Cobalt	<0.00013		0.0025	0.00013	mg/L		03/31/21 13:13	04/01/21 13:49	1
Copper	<0.00063		0.0020	0.00063	mg/L		03/31/21 13:13	04/01/21 13:49	1
Lead	<0.00013		0.0010	0.00013	mg/L		03/31/21 13:13	04/01/21 13:49	1
Nickel	<0.00034		0.0010	0.00034	mg/L		03/31/21 13:13	04/01/21 13:49	1
Selenium	<0.0015		0.0050	0.0015	mg/L		03/31/21 13:13	04/01/21 13:49	1
Silver	<0.00018		0.0010	0.00018	mg/L		03/31/21 13:13	04/01/21 13:49	1
Thallium	<0.00015		0.0010	0.00015	mg/L		03/31/21 13:13	04/01/21 13:49	1
Vanadium	<0.00099		0.0010	0.00099	mg/L		03/31/21 13:13	04/01/21 13:49	1
Zinc	<0.0032		0.0050	0.0032	mg/L		03/31/21 13:13	04/01/21 13:49	1

Lab Sample ID: LCS 180-351412/2-A
Matrix: Water
Analysis Batch: 351633

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 351412

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	0.250	0.226		mg/L		91	80 - 120
Arsenic	1.00	0.980		mg/L		98	80 - 120
Barium	1.00	0.965		mg/L		97	80 - 120
Beryllium	0.500	0.426		mg/L		85	80 - 120
Boron	1.25	1.00		mg/L		80	80 - 120
Cadmium	0.500	0.485		mg/L		97	80 - 120
Calcium	25.0	25.1		mg/L		100	80 - 120
Chromium	0.500	0.481		mg/L		96	80 - 120
Cobalt	0.500	0.495		mg/L		99	80 - 120
Copper	0.500	0.486		mg/L		97	80 - 120
Lead	0.500	0.486		mg/L		97	80 - 120
Nickel	0.500	0.482		mg/L		96	80 - 120
Selenium	1.00	0.980		mg/L		98	80 - 120
Silver	0.250	0.239		mg/L		96	80 - 120
Thallium	1.00	1.00		mg/L		100	80 - 120
Vanadium	0.500	0.476		mg/L		95	80 - 120
Zinc	0.250	0.231		mg/L		93	80 - 120

Method: SM 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 180-350419/2
Matrix: Water
Analysis Batch: 350419

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			03/23/21 12:14	1

Lab Sample ID: LCS 180-350419/1
Matrix: Water
Analysis Batch: 350419

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Dissolved Solids	457	446		mg/L		98	80 - 120

Eurofins TestAmerica, Pittsburgh

QC Sample Results

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

Job ID: 180-118717-1

Method: SM 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: 180-118717-1 DU
Matrix: Water
Analysis Batch: 350419

Client Sample ID: GWC-1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	29		28.0		mg/L		4	10

Lab Sample ID: MB 180-350487/2
Matrix: Water
Analysis Batch: 350487

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			03/23/21 20:08	1

Lab Sample ID: LCS 180-350487/1
Matrix: Water
Analysis Batch: 350487

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Dissolved Solids	457	464		mg/L		102	80 - 120

Lab Sample ID: 180-118717-9 DU
Matrix: Water
Analysis Batch: 350487

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

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	19		20.0		mg/L		5	10

Lab Sample ID: MB 180-350489/2
Matrix: Water
Analysis Batch: 350489

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			03/23/21 20:50	1

Lab Sample ID: LCS 180-350489/1
Matrix: Water
Analysis Batch: 350489

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Dissolved Solids	457	458		mg/L		100	80 - 120

Lab Sample ID: MB 180-350652/2
Matrix: Water
Analysis Batch: 350652

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			03/24/21 19:32	1

Lab Sample ID: LCS 180-350652/1
Matrix: Water
Analysis Batch: 350652

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Dissolved Solids	457	452		mg/L		99	80 - 120

Eurofins TestAmerica, Pittsburgh

QC Sample Results

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

Job ID: 180-118717-1

Method: SM 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: 180-118717-8 DU
Matrix: Water
Analysis Batch: 350652

Client Sample ID: GWC-11
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	81		89.0		mg/L		9	10

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13

QC Association Summary

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

Job ID: 180-118717-1

HPLC/IC

Analysis Batch: 351343

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-118717-1	GWC-1	Total/NA	Water	EPA 300.0 R2.1	
180-118717-2	GWA-2	Total/NA	Water	EPA 300.0 R2.1	
180-118717-3	GWA-3	Total/NA	Water	EPA 300.0 R2.1	
180-118717-7	GWC-10	Total/NA	Water	EPA 300.0 R2.1	
180-118717-8	GWC-11	Total/NA	Water	EPA 300.0 R2.1	
180-118717-9	GWC-12	Total/NA	Water	EPA 300.0 R2.1	
180-118717-10	GWA-13	Total/NA	Water	EPA 300.0 R2.1	
180-118717-11	GWA-14	Total/NA	Water	EPA 300.0 R2.1	
180-118717-12	GWC-15	Total/NA	Water	EPA 300.0 R2.1	
180-118717-13	GWA-16	Total/NA	Water	EPA 300.0 R2.1	
180-118717-14	GWC-17	Total/NA	Water	EPA 300.0 R2.1	
180-118717-21	FB-1	Total/NA	Water	EPA 300.0 R2.1	
180-118717-22	EB-1	Total/NA	Water	EPA 300.0 R2.1	
MB 180-351343/6	Method Blank	Total/NA	Water	EPA 300.0 R2.1	
LCS 180-351343/5	Lab Control Sample	Total/NA	Water	EPA 300.0 R2.1	

Analysis Batch: 351345

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-118717-4	GWC-4A	Total/NA	Water	EPA 300.0 R2.1	
180-118717-15	GWC-18	Total/NA	Water	EPA 300.0 R2.1	
180-118717-16	GWC-19	Total/NA	Water	EPA 300.0 R2.1	
180-118717-17	GWC-20	Total/NA	Water	EPA 300.0 R2.1	
180-118717-18	GWC-21	Total/NA	Water	EPA 300.0 R2.1	
180-118717-19	GWC-23	Total/NA	Water	EPA 300.0 R2.1	
180-118717-20	DUP-1	Total/NA	Water	EPA 300.0 R2.1	
MB 180-351345/6	Method Blank	Total/NA	Water	EPA 300.0 R2.1	
LCS 180-351345/5	Lab Control Sample	Total/NA	Water	EPA 300.0 R2.1	

Analysis Batch: 351490

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-118717-5	GWC-5	Total/NA	Water	EPA 300.0 R2.1	
180-118717-6	GWC-9	Total/NA	Water	EPA 300.0 R2.1	
MB 180-351490/6	Method Blank	Total/NA	Water	EPA 300.0 R2.1	
LCS 180-351490/5	Lab Control Sample	Total/NA	Water	EPA 300.0 R2.1	

Metals

Prep Batch: 351407

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-118717-7	GWC-10	Total Recoverable	Water	3005A	
180-118717-8	GWC-11	Total Recoverable	Water	3005A	
180-118717-9	GWC-12	Total Recoverable	Water	3005A	
180-118717-10	GWA-13	Total Recoverable	Water	3005A	
180-118717-11	GWA-14	Total Recoverable	Water	3005A	
180-118717-12	GWC-15	Total Recoverable	Water	3005A	
180-118717-13	GWA-16	Total Recoverable	Water	3005A	
180-118717-14	GWC-17	Total Recoverable	Water	3005A	
180-118717-15	GWC-18	Total Recoverable	Water	3005A	
180-118717-16	GWC-19	Total Recoverable	Water	3005A	
180-118717-17	GWC-20	Total Recoverable	Water	3005A	
180-118717-18	GWC-21	Total Recoverable	Water	3005A	

Eurofins TestAmerica, Pittsburgh

QC Association Summary

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

Job ID: 180-118717-1

Metals (Continued)

Prep Batch: 351407 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-118717-19	GWC-23	Total Recoverable	Water	3005A	
180-118717-20	DUP-1	Total Recoverable	Water	3005A	
180-118717-21	FB-1	Total Recoverable	Water	3005A	
180-118717-22	EB-1	Total Recoverable	Water	3005A	
MB 180-351407/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 180-351407/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
180-118717-7 MS	GWC-10	Total Recoverable	Water	3005A	
180-118717-7 MSD	GWC-10	Total Recoverable	Water	3005A	

Prep Batch: 351412

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-118717-1	GWC-1	Total Recoverable	Water	3005A	
180-118717-2	GWA-2	Total Recoverable	Water	3005A	
180-118717-3	GWA-3	Total Recoverable	Water	3005A	
180-118717-4	GWC-4A	Total Recoverable	Water	3005A	
180-118717-5	GWC-5	Total Recoverable	Water	3005A	
180-118717-6	GWC-9	Total Recoverable	Water	3005A	
MB 180-351412/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 180-351412/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

Analysis Batch: 351633

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-118717-1	GWC-1	Total Recoverable	Water	EPA 6020B	351412
180-118717-2	GWA-2	Total Recoverable	Water	EPA 6020B	351412
180-118717-3	GWA-3	Total Recoverable	Water	EPA 6020B	351412
180-118717-4	GWC-4A	Total Recoverable	Water	EPA 6020B	351412
180-118717-5	GWC-5	Total Recoverable	Water	EPA 6020B	351412
180-118717-6	GWC-9	Total Recoverable	Water	EPA 6020B	351412
180-118717-7	GWC-10	Total Recoverable	Water	EPA 6020B	351407
180-118717-8	GWC-11	Total Recoverable	Water	EPA 6020B	351407
180-118717-9	GWC-12	Total Recoverable	Water	EPA 6020B	351407
180-118717-10	GWA-13	Total Recoverable	Water	EPA 6020B	351407
180-118717-11	GWA-14	Total Recoverable	Water	EPA 6020B	351407
180-118717-12	GWC-15	Total Recoverable	Water	EPA 6020B	351407
180-118717-13	GWA-16	Total Recoverable	Water	EPA 6020B	351407
180-118717-14	GWC-17	Total Recoverable	Water	EPA 6020B	351407
180-118717-15	GWC-18	Total Recoverable	Water	EPA 6020B	351407
180-118717-16	GWC-19	Total Recoverable	Water	EPA 6020B	351407
180-118717-17	GWC-20	Total Recoverable	Water	EPA 6020B	351407
180-118717-18	GWC-21	Total Recoverable	Water	EPA 6020B	351407
180-118717-19	GWC-23	Total Recoverable	Water	EPA 6020B	351407
180-118717-20	DUP-1	Total Recoverable	Water	EPA 6020B	351407
180-118717-21	FB-1	Total Recoverable	Water	EPA 6020B	351407
180-118717-22	EB-1	Total Recoverable	Water	EPA 6020B	351407
MB 180-351407/1-A	Method Blank	Total Recoverable	Water	EPA 6020B	351407
MB 180-351412/1-A	Method Blank	Total Recoverable	Water	EPA 6020B	351412
LCS 180-351407/2-A	Lab Control Sample	Total Recoverable	Water	EPA 6020B	351407
LCS 180-351412/2-A	Lab Control Sample	Total Recoverable	Water	EPA 6020B	351412
180-118717-7 MS	GWC-10	Total Recoverable	Water	EPA 6020B	351407
180-118717-7 MSD	GWC-10	Total Recoverable	Water	EPA 6020B	351407

Eurofins TestAmerica, Pittsburgh

QC Association Summary

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

Job ID: 180-118717-1

General Chemistry

Analysis Batch: 350419

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-118717-1	GWC-1	Total/NA	Water	SM 2540C	
180-118717-2	GWA-2	Total/NA	Water	SM 2540C	
MB 180-350419/2	Method Blank	Total/NA	Water	SM 2540C	
LCS 180-350419/1	Lab Control Sample	Total/NA	Water	SM 2540C	
180-118717-1 DU	GWC-1	Total/NA	Water	SM 2540C	

Analysis Batch: 350487

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-118717-3	GWA-3	Total/NA	Water	SM 2540C	
180-118717-7	GWC-10	Total/NA	Water	SM 2540C	
180-118717-9	GWC-12	Total/NA	Water	SM 2540C	
180-118717-10	GWA-13	Total/NA	Water	SM 2540C	
180-118717-11	GWA-14	Total/NA	Water	SM 2540C	
180-118717-16	GWC-19	Total/NA	Water	SM 2540C	
180-118717-17	GWC-20	Total/NA	Water	SM 2540C	
MB 180-350487/2	Method Blank	Total/NA	Water	SM 2540C	
LCS 180-350487/1	Lab Control Sample	Total/NA	Water	SM 2540C	
180-118717-9 DU	GWC-12	Total/NA	Water	SM 2540C	

Analysis Batch: 350489

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-118717-13	GWA-16	Total/NA	Water	SM 2540C	
180-118717-14	GWC-17	Total/NA	Water	SM 2540C	
180-118717-21	FB-1	Total/NA	Water	SM 2540C	
180-118717-22	EB-1	Total/NA	Water	SM 2540C	
MB 180-350489/2	Method Blank	Total/NA	Water	SM 2540C	
LCS 180-350489/1	Lab Control Sample	Total/NA	Water	SM 2540C	

Analysis Batch: 350652

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-118717-4	GWC-4A	Total/NA	Water	SM 2540C	
180-118717-5	GWC-5	Total/NA	Water	SM 2540C	
180-118717-6	GWC-9	Total/NA	Water	SM 2540C	
180-118717-8	GWC-11	Total/NA	Water	SM 2540C	
180-118717-12	GWC-15	Total/NA	Water	SM 2540C	
180-118717-15	GWC-18	Total/NA	Water	SM 2540C	
180-118717-18	GWC-21	Total/NA	Water	SM 2540C	
180-118717-19	GWC-23	Total/NA	Water	SM 2540C	
180-118717-20	DUP-1	Total/NA	Water	SM 2540C	
MB 180-350652/2	Method Blank	Total/NA	Water	SM 2540C	
LCS 180-350652/1	Lab Control Sample	Total/NA	Water	SM 2540C	
180-118717-8 DU	GWC-11	Total/NA	Water	SM 2540C	

Field Service / Mobile Lab

Analysis Batch: 350246

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-118717-1	GWC-1	Total/NA	Water	Field Sampling	
180-118717-2	GWA-2	Total/NA	Water	Field Sampling	
180-118717-3	GWA-3	Total/NA	Water	Field Sampling	
180-118717-4	GWC-4A	Total/NA	Water	Field Sampling	

Eurofins TestAmerica, Pittsburgh

QC Association Summary

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

Job ID: 180-118717-1

Field Service / Mobile Lab (Continued)

Analysis Batch: 350246 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-118717-5	GWC-5	Total/NA	Water	Field Sampling	
180-118717-6	GWC-9	Total/NA	Water	Field Sampling	
180-118717-7	GWC-10	Total/NA	Water	Field Sampling	
180-118717-8	GWC-11	Total/NA	Water	Field Sampling	
180-118717-9	GWC-12	Total/NA	Water	Field Sampling	
180-118717-10	GWA-13	Total/NA	Water	Field Sampling	
180-118717-11	GWA-14	Total/NA	Water	Field Sampling	
180-118717-12	GWC-15	Total/NA	Water	Field Sampling	
180-118717-13	GWA-16	Total/NA	Water	Field Sampling	
180-118717-14	GWC-17	Total/NA	Water	Field Sampling	
180-118717-15	GWC-18	Total/NA	Water	Field Sampling	
180-118717-16	GWC-19	Total/NA	Water	Field Sampling	
180-118717-17	GWC-20	Total/NA	Water	Field Sampling	
180-118717-18	GWC-21	Total/NA	Water	Field Sampling	
180-118717-19	GWC-23	Total/NA	Water	Field Sampling	

Chain of Custody Record



Client Information Client Contact: SCS Contacts Company: GA Power Address: 241 Ralph McGill Blvd SE City: Atlanta State, Zip: GA, 30308 Phone: 404-506-7116(Tel) Email: SCS Contacts Project Name: Plant McIntosh Landfill #4 Site: Georgia		Sampler: T. Sobiechowski / A. Schmittler Lab P.M.: Brown, Shaili E-Mail: shaili.brown@eurofinset.com Carrier Tracking No(s): COC No: Page: 1 of 2 Job #:	
Due Date Requested: TAT Requested (Days): PO #: SCS10382606 WO #: Project #: 18019955 SSOW#:		Analysis Requested Field Filtered Sample (Yes or No) AP III Metals: B, Ca Cl, F, SO ₄ & TDS Custom State 15 Permit Metals (EPA 6020): Sb, As, Ba, Be, Cd, Cr, Hg, Pb, Ni, Se, Ag, Tl, V, Zn	
Sample Identification Sample Date Sample Time Sample Type (C=Comp, G=grab) Matrix (W=Water, S=solid, O=soil, A=air) Preservation Code		Total Number of Containers Special Instruc pH = 4.89 pH = 4.76 pH = 4.91 pH = 4.90 pH = 4.80 pH = 4.69 pH = 6.48 pH = 6.58 pH = 4.97 pH = 4.47 pH = 4.76	
GWC-1 GWA-2 GWA-3 GWC-4A GWC-5 GWC-9 GWC-10 GWC-11 GWC-12 GWA-13 GWA-14		3-16-21 1335 G W 3-16-21 1145 G W 3-16-21 1015 G W 3-17-21 1435 G W 3-17-21 0935 G W 3-17-21 1030 G W 3-16-21 1625 G W 3-17-21 1433 G W 3-16-21 1440 G W 3-16-21 1010 G W 3-16-21 1108 G W	
Possible Hazard Identification <input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological Deliverable Requested: I, II, III, IV, Other (specify) Empty Kit Relinquished by:			
Relinquished by: <i>[Signature]</i> Relinquished by: <i>Michael Phelan</i> Relinquished by:		Date: 3/18/21 Date/Time: 3-18-21 12:44 Date/Time: 3-18-21 12:44 Date/Time:	
Custody Seals Intact: Δ Yes • Δ No		Received by: <i>[Signature]</i> Received by: <i>Allura Watson</i> Received by:	
Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks:	



Chain of Custody Record



Environment Testing
 America

Client Information		Sample Information		Lab Pmt: Brown, Shail		Carrriage racking No(s):	
Client Contact: T. Goble / A. Schmitke /		Phone:		E-Mail: shail.brown@eurofinset.com		Job #: 2 of 2	
Company: SA Power		Due Date Requested:		Analysis Requested		COC No:	
Address: 141 Ralph McGill Blvd SE		TAT Requested (days):		Field Filtered Sample (Yes or No)		Total Number of containers	
City: Atlanta		PO #: 04-506-7116(Tel)		AP III Metals: B, Ca		Preservation Codes:	
State: GA, 30308		SCS: 10382606		CL, F, SO ₂ & TDS		A - HCL	
Phone: 404-506-7116(Tel)		WO #: 18019955		Sb, As, Ba, Be, Cd, Cr, Co, Cu, Pb, Ni, Se, Ag, Tl, V, Zn		M - Hexane	
E-Mail: shail.brown@eurofinset.com		Project #: 18019955		D N D		N - None	
Company: SA Power		SSOW#:		Matrix		O - AsNaO2	
Address: 141 Ralph McGill Blvd SE		Sample Date		Sample Type (G=comp, G=grab)		P - Na2CO4S	
City: Atlanta		Sample Time		Preservation Code		Q - NaHSO4	
State: GA, 30308		Sample Date		Matrix		R - Na2SO3	
Phone: 404-506-7116(Tel)		Sample Time		W		S - H2SO4	
E-Mail: shail.brown@eurofinset.com		Sample Date		W		T - TSP Dodecahydrate	
Company: SA Power		Sample Time		W		U - Acetone	
Address: 141 Ralph McGill Blvd SE		Sample Date		W		V - MCAA	
City: Atlanta		Sample Time		W		W - pH 4-5	
State: GA, 30308		Sample Date		W		Z - other (specify)	
Phone: 404-506-7116(Tel)		Sample Time		W		Special Instructions/Note:	
E-Mail: shail.brown@eurofinset.com		Sample Date		W		pH = 5.41	
Company: SA Power		Sample Time		W		pH = 4.68	
Address: 141 Ralph McGill Blvd SE		Sample Date		W		pH = 4.83	
City: Atlanta		Sample Time		W		pH = 5.99	
State: GA, 30308		Sample Date		W		pH = 5.45	
Phone: 404-506-7116(Tel)		Sample Time		W		pH = 4.78	
E-Mail: shail.brown@eurofinset.com		Sample Date		W		pH = 4.80	
Company: SA Power		Sample Time		W		pH = 4.97	
Address: 141 Ralph McGill Blvd SE		Sample Date		W		pH = -	
City: Atlanta		Sample Time		W		pH = -	
State: GA, 30308		Sample Date		W		pH = -	
Phone: 404-506-7116(Tel)		Sample Time		W		pH = -	
E-Mail: shail.brown@eurofinset.com		Sample Date		W		pH = -	
Company: SA Power		Sample Time		W		pH = -	

Special Instructions/Note: pH = 5.41
 pH = 4.68
 pH = 4.83
 pH = 5.99
 pH = 5.45
 pH = 4.78
 pH = 4.80
 pH = 4.97
 pH = -
 pH = -
 pH = -

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

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

Received by: Michael Mackley
 Date/Time: 3-18-21 12:44
 Company: FIAPCO

Received by: Dolly W...
 Date/Time: 3-19-21
 Company: FIAPCO

Received by: _____
 Date/Time: 3-19-21
 Company: FIAPCO

Cooler Temperature(s) °C and Other Remarks: 895

RTYI
eurofins FZ

469-434 RIT2 EXP 11/21

03.19

Environment Testing
TestAmerica

ORIGIN ID: ILIYA (678) 966-9991
GEORGE TAYLOR
EUROFINS TESTING AMERICA ATL SC
6215 REGENCY PARKWAY NW
SUITE 900
NORCROSS GA 30071
UNITED STATES US

SHIP DATE: 18MAR21
ACTWGT: 50.00 LB
CAD: 859116/CAFE3409

16:30
18056
03.19

Environment Testing
TestAmerica

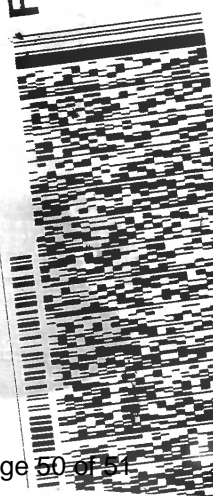
SHIP DATE: 18MAR21
ACTWGT: 50.00 LB
CAD: 859116/CAFE3409

(678) 966-9991
AG AMERICA ATL SC
ARKWAY NA
30071
US

BILL RECIPIENT

RECEIVING
NS TESTAMERICA PITTSBURGH
PHA DR.
ARK
BURGH PA 15238

FedEx Express



1 of 2
FRI - 19 MAR 4:30P
STANDARD OVERNIGHT

MASTER #
1516 9328 8056

15238
PIT

IA AGCA

Uncorrected temp 25 °C
Thermometer ID 14

CF O Initials ry

PT-WI-SR-001 effective 11/8/18

4/5/2021

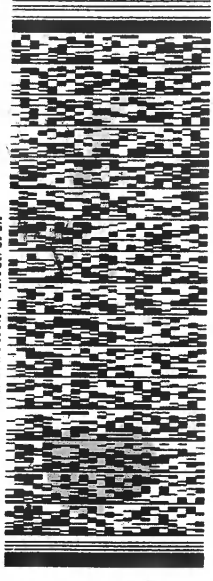
58R3/AR39/0522

TO
SAMPLE RECEIVING
EUROFINS TESTAMERICA PITTSBURGH
301 ALPHA DR.
RIDG PARK
PITTSBURGH PA 15238
(412) 963-7068
REF: ACC

SHIP DATE: 18MAR21
ACTWGT: 50.00 LB
CAD: 859116/CAFE3409

BILL RECIPIENT

FedEx Express



2 of 2
FRI - 19 MAR 4:30P
STANDARD OVERNIGHT

MPS# 1516 9328 8067
Mstr# 1516 9328 8056

15238
PIT

NA AGCA

Uncorrected temp
Thermometer ID

CF C Initials J

PT-WI-SR-001 effective 11/8/18



180-118717 Waybill



Login Sample Receipt Checklist

Client: Southern Company

Job Number: 180-118717-1

Login Number: 118717

List Source: Eurofins TestAmerica, Pittsburgh

List Number: 1

Creator: Watson, Debbie

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.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

LEVEL 2A LABORATORY DATA VALIDATIONS

McIntosh Landfill No. 4 1st

Semiannual Event

March 2021

Georgia Power Company – McIntosh Landfill 4

Quality Control Review of Analytical Data – March 2021

This narrative presents results of the Quality Control (QC) data review performed on analytical data submitted by Eurofins TestAmerica, Pittsburgh for groundwater samples collected at McIntosh LF4 between March 16, 2021 and March 17, 2021. 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 CFR, Subpart D – Standards for the Disposal of Coal Combustion Residuals in Landfills and Surface Impoundments, the samples were analyzed for detected monitoring constituents listed in 40 CFR, Part 257, Appendix III and assessment monitoring constituents listed in 40 CFR, Part 257, Appendix IV. Test methods included Inductively Coupled Plasma – Mass Spectrometry (USEPA Method 6020B), Determination of Inorganic Anions (USEPA Method 300.0), and Solids in Water (Standard Methods 2540C).

Data were reviewed in accordance with the US EPA Region IV 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 (COCs) were reviewed. Where 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, with the exception of Zinc on GWC-15 (180-118717-12) as described in the qualifications section below.

Accuracy: Laboratory goals for accuracy were met.

Detection Limits: Project goals for detection limits were met. Certain samples were diluted due to the concentration of target or non-target analyte interferences. Dilutions do not require qualifications based on USEPA 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 by the laboratory during the validation process:

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

ND: 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 GWC-15 (180-118717-12) and DUP-1 (180-118717-20) were qualified as estimated (J) for Zinc as the field relative percent difference (RPD) exceeded QC criteria (35.51% above the limit of 20).

Atlantic Coast Consulting, Inc. reviewed the laboratory data from McIntosh LF4 sampled between March 16, 2021 and March 17, 2021 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

¹USEPA, 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

²USEPA, January 2017, National Office of Superfund Remediation and Technology Innovation, National Functional Guidelines for Inorganic Superfund Methods Data Review, Revision 0.0

TABLE 1

Georgia Power Company – McIntosh LF4

Sample Summary Table – March 2021

SDG	Field Identification	Collection Date	Lab Identification	Matrix	QC Samples	Analyses		
						Metals (6020B)	Anions (300.0)	TDS (SM 2540C)
118717	GWC-1	3/16/2021	180-118717-1	GW		X	X	X
118717	GWA-2	3/16/2021	180-118717-2	GW		X	X	X
118717	GWA-3	3/16/2021	180-118717-3	GW		X	X	X
118717	GWC-4A	3/17/2021	180-118717-4	GW		X	X	X
118717	GWC-5	3/17/2021	180-118717-5	GW		X	X	X
118717	GWC-9	3/17/2021	180-118717-6	GW		X	X	X
118717	GWC-10	3/16/2021	180-118717-7	GW		X	X	X
118717	GWC-11	3/17/2021	180-118717-8	GW		X	X	X
118717	GWC-12	3/16/2021	180-118717-9	GW		X	X	X
118717	GWA-13	3/16/2021	180-118717-10	GW		X	X	X
118717	GWA-14	3/16/2021	180-118717-11	GW		X	X	X
118717	GWC-15	3/17/2021	180-118717-12	GW		X	X	X
118717	GWA-16	3/16/2021	180-118717-13	GW		X	X	X
118717	GWC-17	3/16/2021	180-118717-14	GW		X	X	X
118717	GWC-18	3/17/2021	180-118717-15	GW		X	X	X
118717	GWC-19	3/16/2021	180-118717-16	GW		X	X	X
118717	GWC-20	3/16/2021	180-118717-17	GW		X	X	X
118717	GWC-21	3/17/2021	180-118717-18	GW		X	X	X
118717	GWC-23	3/17/2021	180-118717-19	GW		X	X	X
118717	DUP-1	3/17/2021	180-118717-20	GW	FD (GWC-15)	X	X	X
118717	FB-1	3/16/2021	180-118717-21	WQ	FB	X	X	X
118717	EB-1	3/16/2021	180-118717-22	WQ	EB	X	X	X

Abbreviations:

- EB – Equipment Blank
- FB – Field Blank
- FD – Field Duplicate
- GW – Groundwater
- QC – Quality Control
- TDS – Total Dissolved Solids
- WQ – Water Quality Control

TABLE 2

Georgia Power Company – McIntosh LF4

Qualifier Summary Table – March 2021

SDG	Field Identification	Constituent	New RL	New MDL or MDC	Qualifier	Reason
118717	GWC-12	Zinc			J	RPD exceeds field goal
118717	DUP-1	Zinc			J	RPD exceeds field goal

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 – Estimated Result
 ND – Non-Detect Result

Product Name: Low-Flow System

Date: 2021-03-16 13:32:23

Project Information:

Operator Name Anna Schnittker
Company Name Atlantic Coast Consulting, INC
Project Name McIntosh LF4
Site Name McIntosh LF4
Latitude 0° 0' 0"
Longitude 0° 0' 0"
Sonde SN 369807
Turbidity Make/Model Hach 2100Q

Pump Information:

Pump Model/Type Peristaltic Pump
Tubing Type poly
Tubing Diameter 0.17 in
Tubing Length 28 ft

Pump placement from TOC 22 ft

Well Information:

Well ID GWC-1
Well diameter 2 in
Well Total Depth 28.29 ft
Screen Length 10 ft
Depth to Water 14.11 ft

Pumping Information:

Final Pumping Rate 120 mL/min
Total System Volume 0.2149758 L
Calculated Sample Rate 300 sec
Stabilization Drawdown 3 in
Total Volume Pumped 7 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond μ S/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 10	+/- 0.1	+/- 5%	+/- 10		+/- 10%	+/- 10
Last 5	13:10:03	1199.99	20.66	4.94	42.25	5.10	14.40	3.20	112.32
Last 5	13:15:03	1499.98	21.14	4.97	43.01	8.20	14.40	3.22	112.20
Last 5	13:20:03	1799.97	20.57	4.89	42.07	6.80	14.40	3.16	114.04
Last 5	13:25:03	2099.96	20.39	4.90	42.08	5.10	14.40	3.03	112.94
Last 5	13:30:03	2399.95	20.12	4.89	41.83	4.50	14.40	3.08	113.20
Variance 0			-0.58	-0.07	-0.94			-0.07	1.83
Variance 1			-0.18	0.01	0.01			-0.13	-1.10
Variance 2			-0.27	-0.01	-0.26			0.05	0.26

Notes

Sample time: 1335. Cloudy 60s. EB-1 here at 12:30

Grab Samples

Product Name: Low-Flow System

Date: 2021-03-16 11:42:46

Project Information:

Operator Name Anna Schnittker
Company Name Atlantic Coast Consulting, INC
Project Name McIntosh LF4
Site Name McIntosh LF4
Latitude 0° 0' 0"
Longitude 0° 0' 0"
Sonde SN 369807
Turbidity Make/Model Hach 2100Q

Pump Information:

Pump Model/Type Peristaltic Pump
Tubing Type poly
Tubing Diameter 0.17 in
Tubing Length 28 ft

Pump placement from TOC 22 ft

Well Information:

Well ID GWA-2
Well diameter 2 in
Well Total Depth 28.47 ft
Screen Length 10 ft
Depth to Water 16.53 ft

Pumping Information:

Final Pumping Rate 100 mL/min
Total System Volume 0.2149758 L
Calculated Sample Rate 300 sec
Stabilization Drawdown 1 in
Total Volume Pumped 6 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond μ S/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 10	+/- 0.1	+/- 5%	+/- 10		+/- 10%	+/- 10
Last 5	11:20:09	1799.97	19.74	4.75	36.24	6.00	16.70	3.92	137.41
Last 5	11:25:09	2099.96	19.77	4.75	36.28	5.60	16.70	3.93	136.96
Last 5	11:30:09	2399.95	19.77	4.74	36.26	5.20	16.70	3.89	136.50
Last 5	11:35:08	2699.94	19.79	4.75	36.18	5.30	16.70	3.87	135.82
Last 5	11:40:08	2999.94	19.86	4.76	36.13	4.40	16.70	3.91	134.56
Variance 0			0.00	-0.01	-0.02			-0.04	-0.46
Variance 1			0.02	0.01	-0.08			-0.02	-0.67
Variance 2			0.07	0.02	-0.05			0.04	-1.27

Notes

Sample time:1145. Overcast 60s

Grab Samples

Product Name: Low-Flow System

Date: 2021-03-16 10:11:11

Project Information:

Operator Name Anna Schnittker
Company Name Atlantic Coast Consulting, INC
Project Name McIntosh LF4
Site Name McIntosh LF4
Latitude 0° 0' 0"
Longitude 0° 0' 0"
Sonde SN 369807
Turbidity Make/Model Hach 2100Q

Pump Information:

Pump Model/Type Peristaltic Pump
Tubing Type poly
Tubing Diameter 0.17 in
Tubing Length 38 ft

Pump placement from TOC 32 ft

Well Information:

Well ID GWA-3
Well diameter 2 in
Well Total Depth 38.31 ft
Screen Length 10 ft
Depth to Water 20.83 ft

Pumping Information:

Final Pumping Rate 100 mL/min
Total System Volume 0.2596101 L
Calculated Sample Rate 300 sec
Stabilization Drawdown 44 in
Total Volume Pumped 6 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond μ S/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 10	+/- 0.1	+/- 5%	+/- 10		+/- 10%	+/- 10
Last 5	09:45:09	600.00	20.34	5.08	27.51	1.20	23.70	5.70	160.73
Last 5	09:50:09	899.99	20.41	4.98	27.46	3.50	24.00	5.59	157.52
Last 5	09:55:09	1199.99	20.48	4.93	27.40	2.40	24.30	5.56	155.47
Last 5	10:00:09	1499.98	20.57	4.91	27.46	1.70	24.50	5.56	153.44
Last 5	10:05:09	1799.97	20.68	4.91	27.37	1.20	24.60	5.42	151.34
Variance 0			0.07	-0.05	-0.05			-0.03	-2.06
Variance 1			0.09	-0.02	0.05			-0.00	-2.02
Variance 2			0.11	-0.00	-0.09			-0.15	-2.10

Notes

Sample time: 1015. Overcast 60s.

Grab Samples

Product Name: Low-Flow System

Date: 2021-03-17 14:33:13

Project Information:

Operator Name Anna Schnittker
Company Name Atlantic Coast Consulting, INC
Project Name McIntosh LF4
Site Name McIntosh LF4
Latitude 0° 0' 0"
Longitude 0° 0' 0"
Sonde SN 369807
Turbidity Make/Model Hach 2100Q

Pump Information:

Pump Model/Type Peristaltic Pump
Tubing Type poly
Tubing Diameter 0.17 in
Tubing Length 39 ft

Pump placement from TOC 34 ft

Well Information:

Well ID GWC-4A
Well diameter 2 in
Well Total Depth 39.00 ft
Screen Length 10 ft
Depth to Water 23.88 ft

Pumping Information:

Final Pumping Rate 120 mL/min
Total System Volume 0.2640735 L
Calculated Sample Rate 300 sec
Stabilization Drawdown 5 in
Total Volume Pumped 6 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond μ S/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 10	+/- 0.1	+/- 5%	+/- 10		+/- 10%	+/- 10
Last 5	14:11:07	600.01	22.09	4.92	34.29	0.80	24.30	4.35	131.21
Last 5	14:16:07	900.00	22.27	4.92	34.34	0.50	24.30	4.45	128.90
Last 5	14:21:07	1199.99	22.04	4.90	34.28	0.40	24.30	4.51	127.96
Last 5	14:26:07	1499.99	21.87	4.91	34.22	0.30	24.30	4.49	126.91
Last 5	14:31:07	1799.98	21.82	4.90	33.99	0.30	24.30	4.47	126.40
Variance 0			-0.23	-0.02	-0.06			0.06	-0.94
Variance 1			-0.17	0.00	-0.05			-0.02	-1.04
Variance 2			-0.05	-0.01	-0.24			-0.02	-0.51

Notes

Sample time:1435. Cloudy 60s.

Grab Samples

Product Name: Low-Flow System

Date: 2021-03-17 09:35:51

Project Information:

Operator Name Taylor Goble
Company Name Atlantic Coast Consulting
Project Name McIntosh LF4
Site Name McIntosh LF4
Latitude 0° 0' 0"
Longitude 0° 0' 0"
Sonde SN 601533
Turbidity Make/Model HACH 2100Q

Pump Information:

Pump Model/Type Peristaltic Pump
Tubing Type poly
Tubing Diameter 0.17 in
Tubing Length 42 ft

Pump placement from TOC 37 ft

Well Information:

Well ID GWC-5
Well diameter 2 in
Well Total Depth 41.71 ft
Screen Length 10 ft
Depth to Water 22.95 ft

Pumping Information:

Final Pumping Rate 150 mL/min
Total System Volume 0.1548664 L
Calculated Sample Rate 300 sec
Stabilization Drawdown 1 in
Total Volume Pumped 4.5 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond μ S/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 1	+/- 0.1	+/- 5%	+/- 10		+/- 10%	+/- 30
Last 5	09:15:02	600.03	19.57	5.77	30.88	0.66	23.20	7.66	125.08
Last 5	09:20:02	900.02	19.72	4.80	31.20	0.51	23.22	5.97	127.39
Last 5	09:25:02	1200.02	19.86	4.73	32.26	0.44	23.23	5.60	125.36
Last 5	09:30:02	1500.02	19.80	4.77	33.69	0.41	23.24	5.46	121.00
Last 5	09:35:02	1800.02	19.69	4.80	32.90	0.38	22.35	5.50	120.29
Variance 0			0.14	-0.07	1.06			-0.37	-2.03
Variance 1			-0.06	0.05	1.43			-0.14	-4.36
Variance 2			-0.11	0.03	-0.80			0.04	-0.71

Notes

Sampled at 0935. Foggy 57 degrees

Grab Samples

Product Name: Low-Flow System

Date: 2021-03-17 10:28:59

Project Information:

Operator Name Anna Schnittker
Company Name Atlantic Coast Consulting, INC
Project Name McIntosh LF4
Site Name McIntosh LF4
Latitude 0° 0' 0"
Longitude 0° 0' 0"
Sonde SN 369807
Turbidity Make/Model Hach 2100Q

Pump Information:

Pump Model/Type Peristaltic Pump
Tubing Type poly
Tubing Diameter 0.17 in
Tubing Length 38 ft

Pump placement from TOC 33 ft

Well Information:

Well ID GWC-9
Well diameter 2 in
Well Total Depth 38.05 ft
Screen Length 10 ft
Depth to Water 29.11 ft

Pumping Information:

Final Pumping Rate 200 mL/min
Total System Volume 0.2596101 L
Calculated Sample Rate 300 sec
Stabilization Drawdown 1 in
Total Volume Pumped 17 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond μ S/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 10	+/- 0.1	+/- 5%	+/- 10		+/- 10%	+/- 10
Last 5	10:05:03	2999.96	20.13	4.70	39.42	0.40	29.20	7.27	151.45
Last 5	10:10:03	3299.95	20.17	4.69	39.01	0.50	29.20	7.74	150.67
Last 5	10:15:03	3599.95	20.21	4.68	38.91	0.40	29.20	7.50	150.53
Last 5	10:20:03	3899.94	20.12	4.68	38.77	0.50	29.20	7.88	150.07
Last 5	10:25:03	4199.94	20.21	4.69	38.77	0.30	29.20	7.28	148.94
Variance 0			0.04	-0.01	-0.10			-0.25	-0.13
Variance 1			-0.09	0.01	-0.15			0.38	-0.47
Variance 2			0.09	0.01	0.00			-0.59	-1.12

Notes

Sample time: 10:30. Cloudy 60s

Grab Samples

Product Name: Low-Flow System

Date: 2021-03-16 16:22:32

Project Information:

Operator Name Anna Schnittker
Company Name Atlantic Coast Consulting, INC
Project Name McIntosh LF4
Site Name McIntosh LF4
Latitude 0° 0' 0"
Longitude 0° 0' 0"
Sonde SN 369807
Turbidity Make/Model Hach 2100Q

Pump Information:

Pump Model/Type Peristaltic Pump
Tubing Type poly
Tubing Diameter 0.17 in
Tubing Length 33 ft

Pump placement from TOC 28 ft

Well Information:

Well ID GWC-10
Well diameter 2 in
Well Total Depth 33.16 ft
Screen Length 10 ft
Depth to Water 24.5 ft

Pumping Information:

Final Pumping Rate 200 mL/min
Total System Volume 0.237293 L
Calculated Sample Rate 300 sec
Stabilization Drawdown 2 in
Total Volume Pumped 17 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond μ S/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 10	+/- 0.1	+/- 5%	+/- 10		+/- 10%	+/- 10
Last 5	15:37:35	1499.98	21.37	6.52	182.75	0.80	24.70	4.43	79.86
Last 5	15:42:35	1799.97	21.31	6.50	179.54	0.60	24.70	4.46	80.89
Last 5	15:47:35	2099.96	21.26	6.50	176.85	0.50	24.70	4.66	81.17
Last 5	15:52:35	2399.95	21.32	6.49	176.94	0.50	24.70	4.72	80.92
Last 5	15:57:35	2699.95	21.30	6.48	175.76	0.40	24.70	4.38	81.62
Variance 0			-0.05	-0.01	-2.69			0.19	0.27
Variance 1			0.06	-0.00	0.09			0.06	-0.25
Variance 2			-0.02	-0.01	-1.18			-0.33	0.70

Notes

Sample time: 1625. Cloudy 60s

Grab Samples

Product Name: Low-Flow System

Date: 2021-03-17 14:34:29

Project Information:

Operator Name Taylor Goble
Company Name Atlantic Coast Consulting
Project Name McIntosh LF4
Site Name McIntosh LF4
Latitude 0° 0' 0"
Longitude 0° 0' 0"
Sonde SN 601533
Turbidity Make/Model HACH 2100Q

Pump Information:

Pump Model/Type QED Bladder Pump
Tubing Type poly
Tubing Diameter 0.17 in
Tubing Length 43 ft

Pump placement from TOC 38 ft

Well Information:

Well ID GWC-11
Well diameter 2 in
Well Total Depth 43.22 ft
Screen Length 10 ft
Depth to Water 33.01 ft

Pumping Information:

Final Pumping Rate 125 mL/min
Total System Volume 0.1564108 L 300
Calculated Sample Rate sec
Stabilization Drawdown 1 in
Total Volume Pumped 5 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond μ S/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 1	+/- 0.1	+/- 5%	+/- 10		+/- 10%	+/- 30
Last 5	14:13:02	1200.02	21.12	6.93	155.98	8.60	33.10	1.61	48.94
Last 5	14:18:02	1500.02	21.24	6.78	135.98	7.77	33.10	2.07	51.19
Last 5	14:23:02	1800.02	21.04	6.65	130.34	5.12	33.10	2.22	54.93
Last 5	14:28:02	2100.02	20.93	6.61	129.40	4.33	33.10	2.19	55.52
Last 5	14:33:02	2400.02	20.85	6.58	129.27	3.89	33.10	2.16	57.63
Variance 0			-0.20	-0.13	-5.65			0.15	3.74
Variance 1			-0.11	-0.03	-0.94			-0.02	0.59
Variance 2			-0.08	-0.03	-0.13			-0.03	2.11

Notes

Sampled at 1433. Cloudy 69 degrees

Grab Samples

Product Name: Low-Flow System

Date: 2021-03-16 14:39:12

Project Information:

Operator Name Anna Schnittker
Company Name Atlantic Coast Consulting, INC
Project Name McIntosh LF4
Site Name McIntosh LF4
Latitude 0° 0' 0"
Longitude 0° 0' 0"
Sonde SN 369807
Turbidity Make/Model Hach 2100Q

Pump Information:

Pump Model/Type Peristaltic Pump
Tubing Type poly
Tubing Diameter 0.17 in
Tubing Length 40 ft

Pump placement from TOC 36 ft

Well Information:

Well ID GWC-12
Well diameter 2 in
Well Total Depth 41.10 ft
Screen Length 10 ft
Depth to Water 26.42 ft

Pumping Information:

Final Pumping Rate 120 mL/min
Total System Volume 0.2685369 L
Calculated Sample Rate 300 sec
Stabilization Drawdown 3 in
Total Volume Pumped 6 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond μ S/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 10	+/- 0.1	+/- 5%	+/- 10		+/- 10%	+/- 10
Last 5	14:15:28	600.00	22.11	4.97	21.90	1.20	26.70	6.67	126.31
Last 5	14:20:28	899.99	21.99	4.97	22.06	0.90	26.70	6.59	126.22
Last 5	14:25:27	1199.99	22.09	4.96	22.11	0.70	26.70	6.96	127.04
Last 5	14:30:27	1499.98	22.48	4.96	22.06	0.60	26.70	6.85	128.27
Last 5	14:35:27	1799.97	22.62	4.97	21.98	0.50	26.70	6.86	129.49
Variance 0			0.09	-0.00	0.05			0.37	0.82
Variance 1			0.39	-0.01	-0.05			-0.10	1.23
Variance 2			0.14	0.02	-0.08			0.00	1.22

Notes

Sample time: 1440. Cloudy 60s

Grab Samples

Product Name: Low-Flow System

Date: 2021-03-16 10:11:26

Project Information:

Operator Name Taylor Goble
Company Name Atlantic Coast Consulting
Project Name McIntosh LF4
Site Name McIntosh LF4
Latitude 0° 0' 0"
Longitude 0° 0' 0"
Sonde SN 601533
Turbidity Make/Model HACH 2100Q

Pump Information:

Pump Model/Type Peristaltic Pump
Tubing Type poly
Tubing Diameter 0.17 in
Tubing Length 40 ft

Pump placement from TOC 35 ft

Well Information:

Well ID GWA-13
Well diameter 2 in
Well Total Depth 40.11 ft
Screen Length 10 ft
Depth to Water 24.46 ft

Pumping Information:

Final Pumping Rate 200 mL/min
Total System Volume 0.1517775 L
Calculated Sample Rate 300 sec
Stabilization Drawdown 1 in
Total Volume Pumped 10 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond μ S/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 1	+/- 0.1	+/- 5%	+/- 10		+/- 10%	+/- 30
Last 5	09:50:37	1800.02	21.03	4.40	26.87	0.92	24.51	7.08	116.71
Last 5	09:55:38	2101.02	21.12	4.48	27.49	0.71	24.51	6.57	114.60
Last 5	10:00:38	2401.02	21.20	4.45	28.65	0.50	24.51	6.32	115.57
Last 5	10:05:38	2701.02	21.24	4.48	29.32	0.44	24.51	6.10	114.35
Last 5	10:10:38	3001.02	21.31	4.47	29.40	0.57	24.51	5.85	114.90
Variance 0			0.08	-0.03	1.15			-0.26	0.96
Variance 1			0.04	0.03	0.68			-0.22	-1.22
Variance 2			0.07	-0.01	0.08			-0.25	0.56

Notes

Sampled at 1010. Partly cloudy 65 degrees

Grab Samples

Product Name: Low-Flow System

Date: 2021-03-16 11:09:53

Project Information:

Operator Name Taylor Goble
Company Name Atlantic Coast Consulting
Project Name McIntosh LF4
Site Name McIntosh LF4
Latitude 0° 0' 0"
Longitude 0° 0' 0"
Sonde SN 601533
Turbidity Make/Model HACH 2100Q

Pump Information:

Pump Model/Type Peristaltic Pump
Tubing Type poly
Tubing Diameter 0.17 in
Tubing Length 50 ft

Pump placement from TOC 45 ft

Well Information:

Well ID GWA-14
Well diameter 2 in
Well Total Depth 49.90 ft
Screen Length 10 ft
Depth to Water 25.61 ft

Pumping Information:

Final Pumping Rate 150 mL/min
Total System Volume 0.1672219 L
Calculated Sample Rate 300 sec
Stabilization Drawdown 10 in
Total Volume Pumped 4.5 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond μ S/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 1	+/- 0.1	+/- 5%	+/- 10		+/- 10%	+/- 100
Last 5	10:48:02	600.02	20.82	4.85	29.24	0.85	26.37	6.24	105.27
Last 5	10:53:02	900.02	20.78	4.77	29.12	0.90	26.45	6.47	110.39
Last 5	10:58:02	1200.02	20.79	4.73	29.04	0.98	26.45	6.65	106.79
Last 5	11:03:02	1500.02	20.84	4.73	29.29	1.12	26.45	6.88	108.30
Last 5	11:08:02	1800.02	20.81	4.76	29.45	1.19	26.45	6.97	108.68
Variance 0			0.01	-0.04	-0.08			0.19	-3.60
Variance 1			0.04	-0.01	0.25			0.23	1.51
Variance 2			-0.03	0.03	0.16			0.09	0.37

Notes

Sampled at 1108. Mostly cloudy 71 degrees

Grab Samples

Product Name: Low-Flow System

Date: 2021-03-17 10:56:30

Project Information:

Operator Name Taylor Goble
Company Name Atlantic Coast Consulting
Project Name McIntosh LF4
Site Name McIntosh LF4
Latitude 0° 0' 0"
Longitude 0° 0' 0"
Sonde SN 601533
Turbidity Make/Model HACH 2100Q

Pump Information:

Pump Model/Type Peristaltic Pump
Tubing Type poly
Tubing Diameter 0.17 in
Tubing Length 40 ft

Pump placement from TOC 35 ft

Well Information:

Well ID GWC-15
Well diameter 2 in
Well Total Depth 40.30 ft
Screen Length 10 ft
Depth to Water 21.95 ft

Pumping Information:

Final Pumping Rate 160 mL/min
Total System Volume 0.1517775 L
Calculated Sample Rate 300 sec
Stabilization Drawdown 5 in
Total Volume Pumped 6.4 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond μ S/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 1	+/- 0.1	+/- 5%	+/- 10		+/- 10%	+/- 30
Last 5	10:30:02	900.02	20.40	5.51	55.61	1.63	22.45	7.07	113.01
Last 5	10:40:02	1500.02	20.16	5.48	50.65	1.35	22.47	7.58	108.45
Last 5	10:45:02	1800.02	20.13	5.47	48.39	1.03	22.47	7.54	106.94
Last 5	10:50:02	2100.02	20.17	5.37	47.52	0.81	22.47	7.22	109.77
Last 5	10:55:02	2400.02	20.12	5.41	46.34	0.83	22.47	7.18	105.41
Variance 0			-0.03	-0.02	-2.26			-0.05	-1.52
Variance 1			0.04	-0.09	-0.87			-0.32	2.84
Variance 2			-0.04	0.03	-1.18			-0.03	-4.37

Notes

Sampled at 1055. Cloudy 60 degrees. Dup-1 taken here.

Grab Samples

Product Name: Low-Flow System

Date: 2021-03-16 12:19:55

Project Information:

Operator Name Taylor Goble
Company Name Atlantic Coast Consulting
Project Name McIntosh LF4
Site Name McIntosh LF4
Latitude 0° 0' 0"
Longitude 0° 0' 0"
Sonde SN 601533
Turbidity Make/Model HACH 2100Q

Pump Information:

Pump Model/Type Peristaltic Pump
Tubing Type poly
Tubing Diameter 0.17 in
Tubing Length 40 ft

Pump placement from TOC 35 ft

Well Information:

Well ID GWA-16
Well diameter 2 in
Well Total Depth 40.27 ft
Screen Length 10 ft
Depth to Water 23.74 ft

Pumping Information:

Final Pumping Rate 130 mL/min
Total System Volume 0.1517775 L
Calculated Sample Rate 300 sec
Stabilization Drawdown 3 in
Total Volume Pumped 3.9 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond μ S/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 1	+/- 0.1	+/- 5%	+/- 10		+/- 10%	+/- 100
Last 5	11:58:02	600.02	21.81	4.56	27.50	1.35	24.13	6.94	109.51
Last 5	12:03:02	900.02	21.94	4.55	27.26	1.22	24.13	6.95	110.62
Last 5	12:08:02	1200.02	22.17	4.69	27.23	1.17	24.13	6.95	106.10
Last 5	12:13:02	1500.02	22.26	4.67	27.07	1.05	24.13	6.95	109.52
Last 5	12:18:02	1800.02	22.20	4.68	27.26	1.27	24.13	6.99	110.29
Variance 0			0.24	0.14	-0.03			-0.00	-4.52
Variance 1			0.09	-0.02	-0.16			0.01	3.42
Variance 2			-0.07	0.01	0.19			0.03	0.77

Notes

Sampled at 1218. Mostly cloudy 72 degrees

Grab Samples

Product Name: Low-Flow System

Date: 2021-03-16 13:30:35

Project Information:

Operator Name Taylor Goble
Company Name Atlantic Coast Consulting
Project Name McIntosh LF4
Site Name McIntosh LF4
Latitude 0° 0' 0"
Longitude 0° 0' 0"
Sonde SN 601533
Turbidity Make/Model HACH 2100Q

Pump Information:

Pump Model/Type Peristaltic Pump
Tubing Type poly
Tubing Diameter 0.17 in
Tubing Length 40 ft

Pump placement from TOC 35 ft

Well Information:

Well ID GWC-17
Well diameter 2 in
Well Total Depth 40.05 ft
Screen Length 10 ft
Depth to Water 26.71 ft

Pumping Information:

Final Pumping Rate 130 mL/min
Total System Volume 0.1517775 L
Calculated Sample Rate 300 sec
Stabilization Drawdown 5 in
Total Volume Pumped 3.9 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond μ S/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 1	+/- 0.1	+/- 5%	+/- 10		+/- 10%	+/- 30
Last 5	13:09:05	600.02	21.69	4.83	37.03	0.51	27.06	6.07	117.04
Last 5	13:14:05	900.02	21.68	4.87	37.06	0.43	27.10	6.19	112.42
Last 5	13:19:05	1200.02	21.80	4.82	36.92	0.36	27.15	6.10	114.17
Last 5	13:24:05	1500.02	21.75	4.84	36.97	0.51	27.20	6.02	113.00
Last 5	13:29:05	1800.02	21.37	4.83	36.51	0.55	27.24	6.20	114.08
Variance 0			0.12	-0.05	-0.14			-0.09	1.75
Variance 1			-0.05	0.02	0.05			-0.08	-1.16
Variance 2			-0.38	-0.01	-0.46			0.18	1.08

Notes

Sampled at 1329. Mostly cloudy 76 degrees

Grab Samples

Product Name: Low-Flow System

Date: 2021-03-17 12:36:50

Project Information:

Operator Name Taylor Goble
Company Name Atlantic Coast Consulting
Project Name McIntosh LF4
Site Name McIntosh LF4
Latitude 0° 0' 0"
Longitude 0° 0' 0"
Sonde SN 601533
Turbidity Make/Model HACH 2100Q

Pump Information:

Pump Model/Type QED Bladder Pump
Tubing Type poly
Tubing Diameter 0.17 in
Tubing Length 43 ft

Pump placement from TOC 38 ft

Well Information:

Well ID GWC-18
Well diameter 2 in
Well Total Depth 42.20 ft
Screen Length 10 ft
Depth to Water 35.52 ft

Pumping Information:

Final Pumping Rate 260 mL/min
Total System Volume 0.1564108 L 300
Calculated Sample Rate sec
Stabilization Drawdown 3 in
Total Volume Pumped 12.1 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond μ S/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 1	+/- 0.1	+/- 5%	+/- 10		+/- 10%	+/- 30
Last 5	12:15:51	1500.02	19.85	5.94	82.05	11.17	35.94	4.35	98.52
Last 5	12:20:51	1800.02	19.90	5.97	83.04	8.51	35.94	4.26	95.94
Last 5	12:25:51	2100.03	19.95	5.98	84.08	5.90	35.94	4.16	93.86
Last 5	12:30:52	2400.10	19.93	5.99	84.65	4.38	35.94	4.16	92.66
Last 5	12:35:51	2700.02	19.94	5.99	85.51	4.22	35.94	4.13	92.20
Variance 0			0.05	0.01	1.03			-0.10	-2.08
Variance 1			-0.02	0.01	0.57			0.00	-1.20
Variance 2			0.01	0.00	0.86			-0.03	-0.45

Notes

Sampled at 1235. Cloudy 63 degrees

Grab Samples

Product Name: Low-Flow System

Date: 2021-03-16 15:14:16

Project Information:

Operator Name Taylor Goble
Company Name Atlantic Coast Consulting
Project Name McIntosh LF4
Site Name McIntosh LF4
Latitude 0° 0' 0"
Longitude 0° 0' 0"
Sonde SN 601533
Turbidity Make/Model HACH 2100Q

Pump Information:

Pump Model/Type Peristaltic Pump
Tubing Type poly
Tubing Diameter 0.17 in
Tubing Length 37 ft

Pump placement from TOC 32 ft

Well Information:

Well ID GWC-19
Well diameter 2 in
Well Total Depth 36.95 ft
Screen Length 10 ft
Depth to Water 29.41 ft

Pumping Information:

Final Pumping Rate 260 mL/min
Total System Volume 0.1471442 L
Calculated Sample Rate 300 sec
Stabilization Drawdown 2 in
Total Volume Pumped 13.8 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond μ S/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 1	+/- 0.1	+/- 5%	+/- 10		+/- 10%	+/- 30
Last 5	14:53:21	2100.02	21.22	5.43	81.79	0.86	29.66	4.10	98.81
Last 5	14:58:22	2401.02	21.23	5.39	82.15	0.83	29.66	4.13	99.45
Last 5	15:03:22	2701.03	21.16	5.35	81.96	0.75	29.66	4.33	101.43
Last 5	15:08:22	3001.03	21.12	5.43	82.31	0.66	29.66	4.14	96.75
Last 5	15:13:22	3301.02	21.20	5.45	82.22	0.71	29.66	4.17	96.72
Variance 0			-0.07	-0.04	-0.19			0.20	1.98
Variance 1			-0.03	0.08	0.35			-0.19	-4.68
Variance 2			0.07	0.02	-0.09			0.03	-0.03

Notes

Sampled at 1513. Mostly cloudy 78 degrees

Grab Samples

Product Name: Low-Flow System

Date: 2021-03-16 16:25:25

Project Information:

Operator Name Taylor Goble
Company Name Atlantic Coast Consulting
Project Name McIntosh LF4
Site Name McIntosh LF4
Latitude 0° 0' 0"
Longitude 0° 0' 0"
Sonde SN 601533
Turbidity Make/Model HACH 2100Q

Pump Information:

Pump Model/Type Peristaltic Pump
Tubing Type poly
Tubing Diameter 0.17 in
Tubing Length 30 ft

Pump placement from TOC 25 ft

Well Information:

Well ID GWC-20
Well diameter 2 in
Well Total Depth 30.13 ft
Screen Length 10 ft
Depth to Water 22.68 ft

Pumping Information:

Final Pumping Rate 290 mL/min
Total System Volume 0.1363331 L
Calculated Sample Rate 300 sec
Stabilization Drawdown 1 in
Total Volume Pumped 13.6 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond μ S/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 1	+/- 0.1	+/- 5%	+/- 10		+/- 10%	+/- 30
Last 5	16:03:33	1500.02	21.03	4.87	49.78	1.15	22.80	4.23	100.20
Last 5	16:08:33	1800.02	21.00	4.84	49.73	1.07	22.80	4.29	101.89
Last 5	16:13:33	2100.09	20.93	4.76	49.77	1.29	22.80	4.35	105.65
Last 5	16:18:33	2400.05	20.92	4.84	49.62	0.86	22.80	4.32	100.40
Last 5	16:23:33	2700.02	20.88	4.78	50.03	0.70	22.80	4.26	99.99
Variance 0			-0.08	-0.08	0.04			0.06	3.76
Variance 1			-0.00	0.07	-0.15			-0.03	-5.24
Variance 2			-0.04	-0.06	0.42			-0.06	-0.41

Notes

Sampled at 1623. Mostly cloudy 78 degrees

Grab Samples

Product Name: Low-Flow System

Date: 2021-03-17 13:32:37

Project Information:

Operator Name Anna Schnittker
Company Name Atlantic Coast Consulting, INC
Project Name McIntosh LF4
Site Name McIntosh LF4
Latitude 0° 0' 0"
Longitude 0° 0' 0"
Sonde SN 369807
Turbidity Make/Model Hach 2100Q

Pump Information:

Pump Model/Type Peristaltic Pump
Tubing Type poly
Tubing Diameter 0.17 in
Tubing Length 27 ft

Pump placement from TOC 24 ft

Well Information:

Well ID GWC-21
Well diameter 2 in
Well Total Depth 27.16 ft
Screen Length 10 ft
Depth to Water 20.81 ft

Pumping Information:

Final Pumping Rate 200 mL/min
Total System Volume 0.2105124 L
Calculated Sample Rate 300 sec
Stabilization Drawdown 6 in
Total Volume Pumped 12 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond μ S/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 10	+/- 0.1	+/- 5%	+/- 10		+/- 10%	+/- 10
Last 5	13:09:19	2399.97	21.37	4.82	34.04	0.80	21.30	3.44	124.69
Last 5	13:14:19	2699.96	21.54	4.83	33.81	0.60	21.30	3.41	126.81
Last 5	13:19:19	2999.96	21.70	4.83	33.66	0.40	21.30	3.35	127.84
Last 5	13:24:19	3299.95	21.86	4.82	33.73	0.50	21.30	3.32	129.35
Last 5	13:29:19	3599.95	21.33	4.80	34.09	0.60	21.30	3.29	131.98
Variance 0			0.16	0.00	-0.15			-0.06	1.03
Variance 1			0.16	-0.01	0.07			-0.03	1.51
Variance 2			-0.53	-0.01	0.36			-0.04	2.63

Notes

Sample time: 1335. Sunny 60s

Grab Samples

Product Name: Low-Flow System

Date: 2021-03-17 12:02:26

Project Information:

Operator Name Anna Schnittker
Company Name Atlantic Coast Consulting, INC
Project Name McIntosh LF4
Site Name McIntosh LF4
Latitude 0° 0' 0"
Longitude 0° 0' 0"
Sonde SN 369807
Turbidity Make/Model Hach 2100Q

Pump Information:

Pump Model/Type Peristaltic Pump
Tubing Type poly
Tubing Diameter 0.17 in
Tubing Length 34 ft

Pump placement from TOC 28.7 ft

Well Information:

Well ID GWC-23
Well diameter 2 in
Well Total Depth 33.7 ft
Screen Length 10 ft
Depth to Water 28.81 ft

Pumping Information:

Final Pumping Rate 150 mL/min
Total System Volume 0.2417564 L
Calculated Sample Rate 300 sec
Stabilization Drawdown 14 in
Total Volume Pumped 9.5 L

Low-Flow Sampling Stabilization Summary

	Time	Elapsed	Temp C	pH	SpCond μ S/cm	Turb NTU	DTW ft	RDO mg/L	ORP mV
Stabilization			+/- 10	+/- 0.1	+/- 5%	+/- 10		+/- 10%	+/- 10
Last 5	11:41:28	2699.97	19.94	4.93	30.09	0.90	30.00	6.63	130.51
Last 5	11:46:28	2999.96	20.07	4.93	30.20	0.80	30.00	6.17	130.09
Last 5	11:51:28	3299.95	20.09	4.94	30.52	0.70	30.00	7.10	128.97
Last 5	11:56:28	3599.95	20.21	4.96	30.72	0.70	30.00	6.79	130.64
Last 5	12:01:29	3900.97	20.30	4.97	30.53	0.70	30.00	6.86	126.92
Variance 0			0.02	0.01	0.32			0.93	-1.12
Variance 1			0.12	0.02	0.21			-0.31	1.67
Variance 2			0.09	0.00	-0.20			0.07	-3.72

Notes

Sample time: 1205. Cloudy 60s

Grab Samples



Daily Instrument Calibration Log

SITE: McIntosh L4
 TECHNICIAN: T. Goble
 WATER LEVEL: Solinst
 WATER LEVEL S/N: 378591

INSTRUMENT S/N: 40821
 INSTRUMENT TYPE: AquaTroll
 CAL. SOLUTIONS:
 ID: Cond LOT #: 0GI1033 EXP. DATE: 09/21
 ID: pH4 LOT #: 0G5I407 EXP. DATE: 09/22
 ID: pH7 LOT #: 0GI615 EXP. DATE: 09/22
 ID: pH10 LOT #: 0GD851 EXP. DATE: 04/22
 ID: ORP LOT #: 16A114 EXP. DATE: 10/21

Midday pH check
 Must be less than .10
 (6.90-7.10 range)
 Recalibrate if not within range

Calibration Date: 3-16-21
 RDO: 100% sat. = 99.4 *Midday pH check*
 PH: 4.00 = 4.86 7.00 = 7.57 10.00 = 10.39 7.0 = 7.16
 PH Recal (if needed): 4.00 = 4.83 7.00 = 7.51 10.00 = 10.40 7.0 = 7.03 post recal check ✓
 CONDUCTIVITY: 1413 = 1253
 ORP (mV) 246 = 205.9

Calibration Date: 3-17-21
 RDO: 100% sat. = 96.2 *Midday pH check*
 PH: 4.00 = 4.91 7.00 = 7.65 10.00 = 10.46 7.0 = 7.07
 PH Recal (if needed): 4.00 = 7.00 = 10.00 = 7.0 = NA post recal check ✓
 CONDUCTIVITY: 1413 = 1479
 ORP (mV) 240 = 204.7

Calibration Date:
 RDO: 100% sat. = *Midday pH check*
 PH: 4.00 = 7.00 = 10.00 = 7.0 =
 PH Recal (if needed): 4.00 = 7.00 = 10.00 = 7.0 = post recal check
 CONDUCTIVITY: =
 ORP (mV) =

Calibration Date:
 RDO: 100% sat. = *Midday pH check*
 PH: 4.00 = 7.00 = 10.00 = 7.0 =
 PH Recal (if needed): 4.00 = 7.00 = 10.00 = 7.0 = post recal check
 CONDUCTIVITY: =
 ORP (mV) =

Calibration Date:
 RDO: 100% sat. = *Midday pH check*
 PH: 4.00 = 7.00 = 10.00 = 7.0 =
 PH Recal (if needed): 4.00 = 7.00 = 10.00 = 7.0 = post recal check
 CONDUCTIVITY: =
 ORP (mV) =



Daily Instrument Calibration Log

SITE: Plant McIntosh
TECHNICIAN: T. Goble

INSTRUMENT S/N: 46990
INSTRUMENT TYPE: Hach 2100Q
CAL. SOLUTION: 0 NTU - LOT # New DI EXP. DATE: ←
10 NTU - LOT # A0233 EXP. DATE: Nov-21
20 NTU - LOT # 2694901 EXP. DATE: Jan-22

Calibration Date: 3-16-21

Calibration Solution	Instrument Reading	
0.0	0.11	NTU
10.0	9.76	NTU
20.0	19.7	NTU

100 = 100
800 = 793

Calibration Date: 3-17-21

Calibration Solution	Instrument Reading	
0.0	0.16	NTU
10.0	9.42	NTU
20.0	20.0	NTU

100 = 99.2
800 = 798

Calibration Date:

Calibration Solution	Instrument Reading	
0.0		NTU
10.0		NTU
20.0		NTU

Calibration Date:

Calibration Solution	Instrument Reading	
0.0		NTU
10.0		NTU
20.0		NTU

Calibration Date:

Calibration Solution	Instrument Reading	
0.0		NTU
10.0		NTU
20.0		NTU

Calibration Date:

Calibration Solution	Instrument Reading	
0.0		NTU
10.0		NTU
20.0		NTU



Daily Instrument Calibration Log

SITE: Plant McIntosh
 TECHNICIAN: A Schmitter
 WATER LEVEL: Solinst
 WATER LEVEL S/N: 377060

INSTRUMENT S/N: 369807
 INSTRUMENT TYPE: AquaTroll SmartTroll
 CAL. SOLUTIONS:
 ID: PH 4 LOT #: 06E1407 EXP. DATE: 9/22
 ID: PH 7 LOT #: 06J170 EXP. DATE: 10/22 9/22
 ID: PH 10 LOT #: 001615 EXP. DATE: 10/22
 ID: Cond LOT #: 0611033 EXP. DATE: 9/21
 ID: ORP LOT #: 065873 EXP. DATE: 7/21 **Midday pH check**
 ID: _____ LOT #: _____ EXP. DATE: _____ **Must be less than .10**
 ID: _____ LOT #: _____ EXP. DATE: _____ **(6.90-7.10 range)**
 Recalibrate if not within range

Calibration Date: 3/16/21
 RDO: 100% sat. = 93.2 **Midday pH check**
 PH: 4.00 = 4.67 7.00 = 7.33 10.00 = 10.12 7.0 = 7.08
 PH Recal (if needed): 4.00 = _____ 7.00 = _____ 10.00 = _____ 7.0 = _____ post recal check
 CONDUCTIVITY: 1413 = 1566
 ORP (mV) 240 = 219.3

Calibration Date: 3/17/21
 RDO: 100% sat. = 91.4 **Midday pH check**
 PH: 4.00 = 4.68 7.00 = 7.42 10.00 = 10.98 7.0 = 6.97
 PH Recal (if needed): 4.00 = _____ 7.00 = _____ 10.00 = _____ 7.0 = _____ post recal check
 CONDUCTIVITY: 1413 = 1706
 ORP (mV) 240 = 213.3

Calibration Date:
 RDO: 100% sat. = _____ **Midday pH check**
 PH: 4.00 = _____ 7.00 = _____ 10.00 = _____ 7.0 = _____
 PH Recal (if needed): 4.00 = _____ 7.00 = _____ 10.00 = _____ 7.0 = _____ post recal check
 CONDUCTIVITY: _____ = _____
 ORP (mV) _____ = _____

Calibration Date:
 RDO: 100% sat. = _____ **Midday pH check**
 PH: 4.00 = _____ 7.00 = _____ 10.00 = _____ 7.0 = _____
 PH Recal (if needed): 4.00 = _____ 7.00 = _____ 10.00 = _____ 7.0 = _____ post recal check
 CONDUCTIVITY: _____ = _____
 ORP (mV) _____ = _____

Calibration Date:
 RDO: 100% sat. = _____ **Midday pH check**
 PH: 4.00 = _____ 7.00 = _____ 10.00 = _____ 7.0 = _____
 PH Recal (if needed): 4.00 = _____ 7.00 = _____ 10.00 = _____ 7.0 = _____ post recal check
 CONDUCTIVITY: _____ = _____
 ORP (mV) _____ = _____



Daily Instrument Calibration Log

SITE: Plant McIntosh
TECHNICIAN: A Schmittler
INSTRUMENT S/N: 17120C063767
INSTRUMENT TYPE: Hach 2100Q
CAL. SOLUTION: 0 NTU - LOT # — EXP. DATE: Fresh DI Water
10 NTU - LOT # A0136 EXP. DATE: 8/21
20 NTU - LOT # A0139 EXP. DATE: 8/21

Calibration Date: 3/16/21

Calibration Solution	Instrument Reading	
0.0	0.17	NTU
10.0	9.61	NTU
20.0	20.1	NTU

Calibration Date: 3/17/21

Calibration Solution	Instrument Reading	
0.0	0.19	NTU
10.0	9.75	NTU
20.0	19.7	NTU

Calibration Date:

Calibration Solution	Instrument Reading	
0.0		NTU
10.0		NTU
20.0		NTU

Calibration Date:

Calibration Solution	Instrument Reading	
0.0		NTU
10.0		NTU
20.0		NTU

Calibration Date:

Calibration Solution	Instrument Reading	
0.0		NTU
10.0		NTU
20.0		NTU

Calibration Date:

Calibration Solution	Instrument Reading	
0.0		NTU
10.0		NTU
20.0		NTU

Facility Name: Plant McIntosh LF-4
 Staff: T. Goble, A. Schnittker
 Date: 3/16/2021

<u>Location/Identification</u>		GWC-1	GWA-2	GWA-3	GWC-4A (*GWB-4A)	GWC-5 (*GWB-5)	GWC-9	GWC-10	GWC-11	GWC-12	GWA-13
1 -											
a	Is the well visible and accessible?	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
b	Is the well properly identified with the correct well ID?	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
c	Does the well require protection from traffic?	No	No	No	No	No	No	No	No	No	No
d	Is the drainage around the well acceptable? (No standing water, nor is well located in obvious drainage flow path)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

NOTE: * Well shown within parentheses is proposed name change as described in 2018 permit submittal; Form Derived from "Georgia EPD's Groundwater Monitoring Well Integrity Form".

Facility Name: Plant McIntosh LF-4
 Staff: T. Goble, A. Schnittker
 Date: 3/16/2021

2 - Protective Outer Casing		GWC-1	GWA-2	GWA-3	GWC-4A (GWB-4A)	GWC-5 (GWB-5)	GWC-9	GWC-10	GWC-11	GWC-12	GWA-13
a	Is the protective casing free from apparent damage?	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
b	Is the casing free of degradation or deterioration?	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
c	Does the casing have a functioning weep hole?	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
d	Is the annular space between casings filled with pea gravel or sand?	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
e	Is the well locked, and is the lock in good working condition?	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

NOTE: Form Derived from "Georgia EPD's Groundwater Monitoring Well Integrity Form".

Facility Name: Plant McIntosh LF-4
 Staff: T. Goble, A. Schnittker
 Date: 3/16/2021

3 - Surface Pad		GWC-1	GWA-2	GWA-3	GWC-4A (GWB-4A)	GWC-5 (GWB-5)	GWC-9	GWC-10	GWC-11	GWC-12	GWA-13
a	Is the well pad in good condition? (Not cracked or broken)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
b	Does the well pad provide adequate surface seal and stability to the well?	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
c	Is the well pad in complete contact with the protective casing?	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
d	Is the well pad in complete contact with the ground surface? (Not undermined by erosion, animal burrows, and does not move when stepped on)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
e	Is the pad surface clean? (Not covered by soil or debris)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

NOTE: Form Derived from "Georgia EPD's Groundwater Monitoring Well Integrity Form".

Facility Name: Plant McIntosh LF-4
 Staff: T. Goble, A. Schnittker
 Date: 3/16/2021

4 - Internal Well Casing		GWC-1	GWA-2	GWA-3	GWC-4A (GWB-4A)	GWC-5 (GWB-5)	GWC-9	GWC-10	GWA-13	GWC-12	GWA-13
a	Does the well cap prevent entry of foreign material into the well?	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
b	Is the casing free of kinks or bends, or any obstruction from foreign objects (such as bailers) ?	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
c	Does the well have a venting hole near the top of casing?	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
d	Is the survey point clearly marked on the inner casing?	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
e	Is the depth of the well consistent with the original well log?	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
f	Does the PVC casing move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction?	No	No	No	No	No	No	No	No	No	No

NOTE: Form Derived from "Georgia EPD's Groundwater Monitoring Well Integrity Form".

Facility Name: Plant McIntosh LF-4
 Staff: T. Goble, A. Schnittker
 Date: 3/16/2021

5 - Sampling (Groundwater Monitoring Wells Only):

		GWC-1	GWA-2	GWA-3	GWC-4A (GWB-4A)	GWC-5 (GWB-5)	GWC-9	GWC-10	GWA-13	GWC-12	GWA-13
a	Does the well recharge adequately when purged?	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
b	If dedicated sampling equipment is installed, is it in good condition?	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
c	Does the well require redevelopment due to slow recharge or turbidity > 10 NTUs?	No	No	No	No	No	No	No	No	No	No

Note: N/A - Not Applicable

6 - Based on your professional judgment, is the well construction / location appropriate to:

	GWC-1	GWA-2	GWA-3	GWC-4A (GWB-4A)	GWC-5 (GWB-5)	GWC-9	GWC-10	GWA-13	GWC-12	GWA-13
1) achieve the objectives of the facility Groundwater Monitoring Program, and 2) comply with the applicable regulatory requirements?	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

7 - Corrective actions completed and Notes:

1) GWA-2,3; GWC-1,5,9,10 : Casing getting rusty - consider future repair

NOTE: Form Derived from "Georgia EPD's Groundwater Monitoring Well Integrity Form".

Facility Name: Plant McIntosh LF-4
 Staff: T. Goble, A. Schnittker
 Date: 3/16/2021

<u>Location/Identification</u>		GWA-14	GWC-15 (*GWB-15)	GWA-16 (*GWB-16)	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21	GWC-22 (*PZ-22)	GWC-23
1 -											
a	Is the well visible and accessible?	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
b	Is the well properly identified with the correct well ID?	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
c	Does the well require protection from traffic?	No	No	No	No	No	No	No	No	No	No
d	Is the drainage around the well acceptable? (No standing water, nor is well located in obvious drainage flow path)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

NOTE: * Well shown within parentheses is proposed name change as described in 2018 permit submittal; Form Derived from "Georgia EPD's Groundwater Monitoring Well Integrity Form".

Facility Name: Plant McIntosh LF-4
 Staff: T. Goble, A. Schnittker
 Date: 3/16/2021

2 - Protective Outer Casing		GWA-14	GWC-15 (GWB-15)	GWA-16 (GWB-16)	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21	GWC-22 (PZ-22)	GWC-23
a	Is the protective casing free from apparent damage?	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
b	Is the casing free of degradation or deterioration?	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
c	Does the casing have a functioning weep hole?	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
d	Is the annular space between casings filled with pea gravel or sand?	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
e	Is the well locked, and is the lock in good working condition?	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

NOTE: Form Derived from "Georgia EPD's Groundwater Monitoring Well Integrity Form".

Facility Name: Plant McIntosh LF-4
 Staff: T. Goble, A. Schnittker
 Date: 3/16/2021

3 - Surface Pad		GWA-14	GWC-15 (GWB-15)	GWA-16 (GWB-16)	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21	GWC-22 (PZ-22)	GWC-23
a	Is the well pad in good condition? (Not cracked or broken)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
b	Does the well pad provide adequate surface seal and stability to the well?	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
c	Is the well pad in complete contact with the protective casing?	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
d	Is the well pad in complete contact with the ground surface? (Not undermined by erosion, animal burrows, and does not move when stepped on)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
e	Is the pad surface clean? (Not covered by soil or debris)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

NOTE: Form Derived from "Georgia EPD's Groundwater Monitoring Well Integrity Form".

Facility Name: Plant McIntosh LF-4
 Staff: T. Goble, A. Schnittker
 Date: 3/16/2021

4 - Internal Well Casing		GWA-14	GWC-15 (GWB-15)	GWA-16 (GWB-16)	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21	GWC-22 (PZ-22)	GWC-23
a	Does the well cap prevent entry of foreign material into the well?	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
b	Is the casing free of kinks or bends, or any obstruction from foreign objects (such as bailers) ?	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
c	Does the well have a venting hole near the top of casing?	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
d	Is the survey point clearly marked on the inner casing?	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
e	Is the depth of the well consistent with the original well log?	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
f	Does the PVC casing move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction?	No	No	No	No	No	No	No	No	No	No

NOTE: Form Derived from "Georgia EPD's Groundwater Monitoring Well Integrity Form".

Facility Name: Plant McIntosh LF-4
 Staff: T. Goble, A. Schnittker
 Date: 3/16/2021

5 - Sampling (Groundwater Monitoring Wells Only):

		GWA-14	GWC-15 (GWB-15)	GWA-16 (GWB-16)	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21	GWC-22 (PZ-22)	GWC-23
a	Does the well recharge adequately when purged?	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	N/A	Yes
b	If dedicated sampling equipment is installed, is it in good condition?	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
c	Does the well require redevelopment due to slow recharge or turbidity > 10 NTUs?	No	No	No	No	No	No	No	No	N/A	No

Note: N/A - Not Applicable

6 - Based on your professional judgment, is the well construction / location appropriate to:

	GWA-14	GWC-15 (GWB-15)	GWA-16 (GWB-16)	GWC-17	GWC-18	GWC-19	GWC-20	GWC-21	GWC-22 (PZ-22)	GWC-23
1) achieve the objectives of the facility Groundwater Monitoring Program, and 2) comply with the applicable regulatory requirements?	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

7 - Corrective actions completed and Notes:

NOTE: Form Derived from "Georgia EPD's Groundwater Monitoring Well Integrity Form".

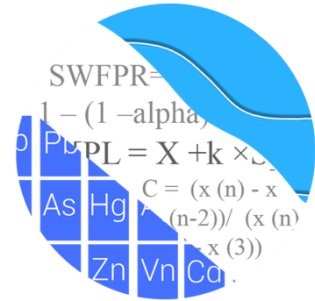
APPENDIX B

STATISTICAL ANALYSIS REPORT

GROUNDWATER STATS CONSULTING

August 24, 2021

Southern Company Services
Attn: Ms. Lauren Coker
241 Ralph McGill Blvd NE, Bin 10160
Atlanta, Georgia 30308



Re: Plant McIntosh Landfill #4
March 2021 Statistical Analysis

Dear Ms. Coker,

Groundwater Stats Consulting, formerly the statistical consulting division of Sanitas Technologies, is pleased to provide the March 2021 Semi-Annual Groundwater Detection Monitoring statistical analysis of groundwater quality for Georgia Power Company's McIntosh Landfill #4. The analysis complies with the federal rule for the Disposal of Coal Combustion Residuals from Electric Utilities (CCR Rule, 2015), the Georgia Environmental Protection Division (EPD) Rules for Solid Waste Management Chapter 391-3-4-.10, and follows the United States Environmental Protection Agency (USEPA) Unified Guidance (2009).

Sampling began for the CCR program in 2016, and sampling for 16 parameters in accordance with the Georgia EPD's Solid Waste Permit began for some wells in 2006. At least 8 background samples have been collected at each of the groundwater monitoring wells. Semi-annual sampling for select constituents has been performed for several years in accordance with the Georgia Department of Natural Resources, Environmental Protection Division groundwater monitoring regulations; and all available data are screened in this report.

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

- **Upgradient:** GWA-2, GWA-3, GWC-4A[*GWB-4A], GWC-5[*GWB-5], GWA-13, GWA-14, GWC-15[*GWB-15], GWA-16[*GWB-16], GWC-17, and GWC-18

- **Downgradient:** GWC-1, GWC-9, GWC-10, GWC-11, GWC-12, GWC-19, GWC-20, GWC-21, and GWC-23

Data were sent electronically to Groundwater Stats Consulting, and the statistical analysis was reviewed by Andrew Collins, Project Manager of Groundwater Stats Consulting. The analysis is prepared according to the recommended statistical methodology prepared in the Fall 2017 by Dr. Kirk Cameron, PhD Statistician with MacStat Consulting, primary author of the USEPA Unified Guidance.

The following constituents were evaluated:

- **CCR Appendix III** - boron, calcium, chloride, fluoride, pH, sulfate, and TDS
- **Georgia EPD Appendix I** - antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, nickel, selenium, silver, thallium, vanadium, and zinc

Note that when there are no detections present in downgradient wells for a given constituent, statistical analyses are not required. A list of well/constituent pairs with 100% nondetects follows this letter. Since mercury was not required by the previous permit, it was included in the time series graphs and box plots, but was not included in the statistical analysis.

Due to varying detection limits in background data sets, generally due to improved laboratory practices, a substitution of the most recent reporting limit is used for all nondetects. Note that for calculation of intrawell prediction limits, substitution of the most recent reporting limit is performed separately for each well/parameter pair which can result in a different reporting limit for individual wells. Examples of changes in reporting limits include sulfate in well GWC-5[*GWB-5], which decreased from 5 mg/L to 1 mg/L. This generally gives the most conservative limit in each case. In the time series plots, a single reporting limit substitution is used across all wells for a given parameter since the wells are plotted as a group.

Time series plots for CCR Appendix III and Georgia EPD Appendix I parameters at all wells are provided for the purpose of screening data at these wells (Figure A). Additionally, a separate section of box plots is included for all constituents at upgradient and downgradient wells (Figure B). The time series plots are used to initially screen for suspected outliers and trends, while the box plots provide visual representation of variation within individual wells and between all wells. Values in background which have been flagged as outliers may be seen in a lighter font and as a disconnected symbol on the graphs.

Data at all wells were evaluated during the background screening in 2019 for the following: 1) outliers; 2) trends; 3) most appropriate statistical method based on site characteristics of groundwater data upgradient of the facility; and 4) eligibility of downgradient wells when intrawell statistical methods are recommended. Power curves were provided in the previous screening to demonstrate that the selected statistical methods for the parameters listed above comply with the USEPA Unified Guidance and the Georgia Environmental Protection Division Rules for Solid Waste Management Chapter 391-3-4-.10. The EPA suggests the selected statistical method should provide at least 55% power at 3 standard deviations or at least 80% power at 4 standard deviations. Power curves were based on the following:

Georgia EPD Appendix I Constituents:

- Semi-Annual Sampling
- Intrawell Prediction Limits with 1-of-3 resample plan (all Georgia EPD parameters)
- # Constituents: 15 (Mercury not included)
- # Downgradient wells: 9

CCR Appendix III Constituents:

- Semi-Annual Sampling
- Intrawell Prediction Limits with 1-of-2 resample plan – (sulfate)
- Interwell Prediction Limits with 1-of-2 resample plan – (boron, calcium, chloride, fluoride, pH, and TDS)
- # Constituents: 7
- # Downgradient wells: 9

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 nondetects, a nonparametric test is utilized. While the false positive rate associated with the parametric limits is based on an annual 10% (5% for each semi-annual sample event) as recommended by the EPA Unified Guidance (2009), the false positive rate associated with the nonparametric limits is dependent upon the available background sample size, number of future comparisons, and verification resample plan. The distribution of data is tested using the Shapiro-Wilk/Shapiro-Francia test for normality. After testing for normality and performing any adjustments as discussed below (US EPA, 2009), data are analyzed using either parametric or non-parametric prediction limits.

- No statistical analyses are required on wells and analytes containing 100% nondetects (USEPA Unified Guidance, 2009, Chapter 6).
- When data contain <15% nondetects in background, simple substitution of one-half the reporting limit is utilized in the statistical analysis. The reporting limit utilized for nondetects is the most recent practical quantification limit (PQL) as reported by the laboratory.
- When data contain between 15-50% nondetects, the Kaplan-Meier nondetect adjustment is applied to the background data. 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% nondetects.

Natural systems continuously evolve due to physical changes made to the environment. Examples include capping a landfill, paving areas near a well, or lining a drainage channel to prevent erosion. Periodic updating of background statistical limits is necessary to accommodate these types of changes. In the interwell case, prediction limits are updated with upgradient well data during each event after careful screening for any new outliers. In the intrawell case, data for all wells and constituents may re-evaluated when a minimum of 4 new data points are available to determine whether earlier concentrations are representative of present-day groundwater quality. In some cases, an earlier portion of data is deselected prior to construction of limits to provide sensitive limits that will rapidly detect changes in groundwater quality. Even though the data are excluded from the calculation, the values will continue to be reported and shown in tables and graphs.

Two-Step Statistical Analysis

Intrawell statistical methods, combined with a 1-of-2 (or 1-of-3) resample plan, may be used as a conservative first step for identifying potential facility impacts in downgradient wells. Intrawell methods use background data for individual wells and may be overly sensitive to natural variation. In particular for nonparametric limits with small background sample sizes, the probability of a false positive is much higher than the desired annual sitewide rate of 10%. Therefore, a large number of exceedances may occur as a result of natural variation rather than facility impacts. A second step can be used to further evaluate those exceedances and reduce the overall number of SSIs that result from natural variation. In instances where intrawell statistical methods identify an apparent SSI, a second step of interwell statistical evaluation may be used to determine whether the measurement exceeds the sitewide background limit based on pooled upgradient well data. This is similar in concept to the procedure used in compliance monitoring programs where an interwell statistical limit is used to determine "background" (USEPA Unified

Guidance (2009), Chapter 7, Section 7.5). For the detection monitoring program, if the result does not exceed sitewide (interwell) background, an SSI is not declared.

When the result exceeds the sitewide (interwell) background, the 1-of-2 resample plan allows for collection of an independent resample (the 1-of-3 resample plan allows up to 2 independent resamples) to confirm or disconfirm the initial finding. A statistically significant increase is not declared unless the resample also exceeds the intrawell prediction limit (United States Environmental Protection Agency (USEPA) Unified Guidance, March 2009, Chapter 19). When the resamples confirm the initial exceedance, further research would be required to identify the cause of the exceedance (i.e. impact from the site, natural variation, or an off-site source). When any resample falls within the statistical limit, the initial exceedance is considered to be a false positive result, and no further action is necessary. In cases where intrawell and interwell exceedances are noted and no resamples are collected, the initial exceedance will be considered a confirmed statistically significant increase (SSI).

Trend tests, in addition to interwell prediction limits, are recommended for well/constituent pairs found to have an initial intrawell SSI. Trend analysis will provide for detection of long-term changes and potential facility impacts at a given well in cases where the concentrations at that well remain below the sitewide upgradient limits. Thus, the two-step approach has additional capability to detect long-term changes at downgradient wells compared to interwell methods alone. While a trend may be identified by visual inspection, a quantification of the trend and its significance is needed to identify whether concentrations are statistically significantly increasing, decreasing, or remaining stable over time. The absence of a statistically significant increasing trend indicates that an initial intrawell exceedance is short-term and may be the result of natural variation rather than facility impact to groundwater. If a facility impact has occurred, it will likely result in additional exceedances in future sampling events. When a statistically significant increasing trend is noted, additional data may be needed to provide reasonable evidence that the initial intrawell statistical exceedance is a result of natural variation rather than facility impact.

Background Screening Summary – Georgia EPD – Conducted in August 2019

Outlier and Trend Testing

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 all wells and parameters are formally tested using Tukey's box plot

method and, when identified, flagged in the computer database with “o” and deselected prior to construction of statistical limits.

Using the Tukey box plot method, several outliers were identified. When the most recent values are identified as outliers, values are not flagged in the database at that time (except in cases where they would cause background limits to be elevated) as they may represent a possible trend. If future values do not remain at similar concentrations, these values will be flagged as outliers and deselected. Several low values exist in the data sets and appear on the graphs as possible low outliers relative to the laboratory’s Practical Quantitation Limit. However, these values are observed trace values (i.e. measurements reported by the laboratory between the Method Detection Limit and the Practical Quantitation Limit) and, therefore, were not flagged as outliers. Due to changing reporting limits for many constituents, when the nondetects are replaced with the most recent reporting limit, previously flagged “J” values (or estimated values) may require flagging as outliers if they are much higher than current reporting limits. This was not required during the 2019 screening.

Of the outliers identified by Tukey’s method, several values were flagged in the database, and the remaining values were similar to other measurements within a given well or neighboring wells or were reported nondetects. Several other values were flagged in addition to those identified by Tukey’s because the values were higher than all remaining concentrations and would cause the statistical limits to be elevated. All flagged values were re-evaluated during the June 2020 analysis. An additional value of cobalt was flagged in well GWC-21. Values for several constituents were unflagged when they were only slightly higher than other detected values and appeared to represent natural variation. The resulting prediction limits will still be conservative, yet less prone to false positives. A summary of all flagged values is included in Figure C.

Additionally, when any values are flagged in the database as outliers, they are plotted in a disconnected and lighter symbol on the time series graph. The accompanying data pages display the flagged value in a lighter font as well. A substitution of the most recent reporting limit is applied when varying detection limits exist in the data.

No obvious seasonal patterns were observed on the time series plots for any of the detected data; therefore, no deseasonalizing adjustments were made to the data. When seasonal patterns are observed, data may be deseasonalized so that the resulting limits will correctly account for the seasonality as a predictable pattern rather than random variation or a release.

While trends may be identified by visual inspection, a quantification of the trend and its significance is needed. The Sen's Slope/Mann Kendall trend test, which tests for statistically significant increasing or decreasing trends, was used to evaluate data at all upgradient wells and downgradient wells with detections.

In the absence of suspected contamination, significant trending data are typically not included as part of the background data used for construction of prediction limits. This step serves to eliminate the trend and, thus, reduce variation in background. When statistically significant decreasing trends are present, all available data are evaluated to determine whether earlier concentration levels are significantly different from current reported concentrations and are deselected as necessary. A few statistically significant increasing trends were noted for barium in wells GWA-2, GWC-1, and GWC-5 (formerly GWB-5) and adjustments were made to eliminate the trend. The trend test results were included with the screening report, and a summary report of special cases of date ranges used in construction of the statistical limits follows this report.

Determination of Spatial Variation

The Analysis of Variance (ANOVA) was used to statistically evaluate differences in average concentrations among upgradient wells for constituents detected in downgradient wells. The ANOVA assists in identifying the most appropriate statistical approach. Interwell tests, which compare downgradient well data to statistical limits constructed from pooled upgradient well data, are appropriate when average concentrations are similar across upgradient wells. Intrawell tests, which compare compliance data from a single well to screened historical data within the same well, are appropriate when upgradient wells exhibit spatial variation; when statistical limits constructed from upgradient wells are not representative of the current background data population; and when downgradient water quality is unimpacted compared to upgradient water quality for the same parameter.

The ANOVA identified significant differences among upgradient well data for: arsenic, barium, beryllium, cadmium, calcium, chromium, cobalt, copper, nickel, and thallium. No significant differences were noted for antimony, lead, selenium, vanadium, and zinc. The ANOVA could not test silver as there was no variation in the measurements among the upgradient wells.

Where variation is not identified, this suggests that interwell analysis would be the most appropriate statistical method for these constituents. However, because this is a lined landfill with pre-waste data showing that metals occur naturally in low level concentrations, intrawell methods are recommended as the primary statistical method for all detected well/constituent pairs.

Background Update Summary – CCR – Conducted in March 2020

Prior to updating background data, Tukey's outlier test and visual screening were used to evaluate data from all wells for intrawell parameters (sulfate) and upgradient wells for interwell parameters (boron, calcium, chloride, fluoride, pH, and TDS) through September 2019. Tukey's test noted potential outliers for all parameters except boron and fluoride, but not all of these values were flagged as most appeared to be representative of natural variation. Only values for sulfate in upgradient well GSC-18 and downgradient well GWC-23 were flagged. As mentioned above, any flagged data are displayed in a lighter font and as a disconnected symbol on the time series reports, as well as in a lighter font on the accompanying data pages.

For constituents requiring intrawell prediction limits (only sulfate in this instance), the Mann-Whitney (Wilcoxon Rank Sum) test was used to compare the medians of historical data through April 2017 to the new compliance samples at each well through September 2019. If the medians of the two groups are not significantly different at the 99% confidence level, background data are typically updated to include the newer compliance data. Statistically significant differences were found between the two groups for the following well/constituent pairs: sulfate in downgradient wells GWC-19, GWC-20, GWC-21, and GWC-23.

Typically, when the test concludes that the medians of the two groups are significantly different, particularly in the downgradient wells, the background data are not updated to include the newer data unless it can be reasonably justified that the change in concentrations reflects a naturally occurring shift unrelated to practices at the site. In studies such as the current one, in which at least one of the segments being compared is of short duration, the comparison is complicated by the fact that normal short-term variation may be mistaken for long-term change in medians. The more recent sulfate concentrations in all four cases with statistically significant Mann-Whitney results tended toward more stable concentrations at slightly lower levels than before; therefore, all four cases were updated and a summary of these results was included in the March 2020 background update.

Statistical Analysis of Georgia EPD Appendix I Constituents – March 2021

Intrawell limits constructed from carefully screened background data from within each well serve to provide statistical limits that are representative of the background data population, and that will rapidly identify a change in more recent compliance data from within a given well. The most recent sample from the same well is compared to its respective background. This statistical method removes the element of variation from

across wells and eliminates the chance of mistaking natural spatial variation for a release from the facility.

In cases where downgradient average concentrations are higher than observed upgradient concentrations for a given constituent where intrawell analyses are recommended, the current assumption is that this is due to natural spatial variation rather than a result of practices at the landfill. Validation of this assumption requires a separate analysis or investigation that is beyond the scope of this data screening study. However, for this site, the pre-waste data support the assumption of natural variation rather than impacts of the landfill.

Intrawell prediction limits, combined with a 1-of-3 resample plan, were constructed using all available data, except for the cases mentioned above, within each well with detections through July 2018 (Figure D). Compliance data are compared to these intrawell background limits during each subsequent semi-annual sampling event. As mentioned above, no statistical analyses were included for well/constituent pairs with 100% nondetects.

In the event of an initial exceedance of compliance well data, the 1-of-3 resample plan allows for collection of two additional samples to determine whether the initial exceedance is confirmed. When the resamples confirm the initial exceedance, a statistically significant increase (SSI) is identified, and further research would be required to identify the cause of the exceedance (i.e. impact from the site, natural variation, or an off-site source). If any resample falls within the statistical limit, the initial exceedance is considered to be a false positive result, and no further action is necessary. A summary of prediction limits follows this report (Figure D). Statistical exceedances were noted for the following well/constituent pairs:

- Barium: GWA-13 (upgradient) and GWC-9
- Chromium: GWC-23

Following the two-step analysis procedure, interwell prediction limits were then constructed using pooled upgradient well data to evaluate the intrawell prediction limit exceedances for the downgradient well/constituent pairs mentioned above (Figure E). The reported measurements of 0.041 mg/L for barium in downgradient well GWC-9 and 0.0027 mg/L for chromium in downgradient well GWC-23 were within the respective interwell prediction limits of 0.079 mg/L and 0.024 mg/L; therefore, no further action is necessary.

When prediction limit exceedances occur in any of the downgradient wells, data are further evaluated using the Sen's Slope/Mann Kendall trend test to determine whether concentrations are statistically increasing, decreasing, or stable (Figure F). Upgradient wells are included in the trend analyses to identify whether similar patterns exist upgradient of the site which is an indication of natural variability in groundwater unrelated to practices at the site. Both a summary and complete graphical results of the trend tests follow this report (Figure F). The following statistically significant trends were noted:

Increasing

- Barium: GWA-2 (upgradient), GWC-5[GWB-5] (upgradient), and GWC-9
- Chromium: GWC-18 (upgradient)

Decreasing

- Barium: GWC-18 (upgradient)
- Chromium: GWA-2 (upgradient)

Statistical Analysis of CCR Appendix III Parameters – March 2021

For sulfate, intrawell prediction limits, combined with a 1-of-2 resample plan, were constructed using all historical data through September 2019 (Figure G). As mentioned above, intrawell limits constructed from carefully screened background data from within each well serve to provide statistical limits that are representative of the background data population, and that will rapidly identify a change in more recent compliance data from within a given well. Compliance data are compared to these intrawell background limits during each subsequent semi-annual sampling event. A recent update to the Sanitas statistical software for the calculation of Kaplan-Meier nondetect adjustment resulted in a slight change to the historical prediction limit for sulfate in well GWA-3 of 1.244 mg/L to 1.256 mg/L.

For boron, calcium, chloride, fluoride, pH, and TDS, interwell prediction limits, combined with a 1-of-2 resample plan, were constructed using all historical upgradient well data through March 2021 (Figure H). 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 there are statistically significant increases (SSIs). Note that for TDS, a nonparametric prediction limit was used in lieu of a parametric limit due to the variation among upgradient wells and in an effort to reduce the number of false positive results.

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 (Figures G and H). No apparent intrawell or interwell prediction limit exceedances were noted; therefore, no further action was necessary.

While this step was necessary for the Appendix III parameters, when data from downgradient well/constituent pairs are found to exceed their respective prediction limits, data are further evaluated using the Sen's Slope/Mann Kendall trend test along with upgradient wells for the same constituents.

Thank you for the opportunity to assist you in the statistical analysis of groundwater quality for Plant McIntosh's Landfill #4. If you have any questions or comments, please feel free to contact us.

For Groundwater Stats Consulting,



Abdul Diane
Groundwater Analyst



Kristina Rayner
Groundwater Statistician

100% Non-Detects: Appendix I

Analysis Run 4/27/2021 2:14 PM View: 100% ND
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Antimony (mg/L)

GWA-16[*GWB-16], GWC-1, GWC-10, GWC-11, GWC-12, GWC-15[*GWB-15], GWC-17, GWC-19, GWC-20, GWC-21, GWC-23, GWC-4A[*GWB-4A], GWC-5[*GWB-5], GWC-9

Arsenic (mg/L)

GWA-2, GWC-1

Cadmium (mg/L)

GWA-2, GWA-3, GWC-1, GWC-10, GWC-11, GWC-12, GWC-15[*GWB-15], GWC-5[*GWB-5], GWC-9

Copper (mg/L)

GWC-10

Lead (mg/L)

GWA-2, GWA-3, GWC-1, GWC-10, GWC-12, GWC-15[*GWB-15], GWC-17, GWC-19, GWC-9

Selenium (mg/L)

GWA-14, GWC-12, GWC-17, GWC-23

Silver (mg/L)

GWA-13, GWA-14, GWA-16[*GWB-16], GWA-2, GWA-3, GWC-1, GWC-10, GWC-12, GWC-15[*GWB-15], GWC-17, GWC-18, GWC-19, GWC-20, GWC-21, GWC-23, GWC-4A[*GWB-4A], GWC-5[*GWB-5], GWC-9

Thallium (mg/L)

GWC-1, GWC-15[*GWB-15]

Date Ranges

Date: 4/27/2021 11:18 AM

Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Barium (mg/L)

GWA-2 background: 1/16/2015-7/11/2018

GWC-1 background: 1/20/2013-1/11/2018

GWC-5[*GWB-5] background: 1/19/2013-7/11/2018

Appendix I Intrawell Prediction Limit - Significant Results

Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR Printed 4/28/2021, 3:44 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Barium (mg/L)	GWA-13	0.01736	n/a	3/16/2021	0.018	Yes	16	0.001248	0	None	No	0.0003901	Param Intra 1 of 3
Barium (mg/L)	GWC-9	0.03144	n/a	3/17/2021	0.041	Yes	37	0.004605	0	None	No	0.0003901	Param Intra 1 of 3
Chromium (mg/L)	GWC-23	0.0025	n/a	3/17/2021	0.0027	Yes	11	n/a	81.82	n/a	n/a	0.002806	NP Intra (NDs) 1 of 3

Appendix I IntraWell Prediction Limit - All Results

Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR Printed 4/28/2021, 3:44 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Antimony (mg/L)	GWA-13	0.002	n/a	3/16/2021	0.002ND	No	16	n/a	100	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3
Antimony (mg/L)	GWA-14	0.002	n/a	3/16/2021	0.002ND	No	16	n/a	100	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3
Antimony (mg/L)	GWA-2	0.002	n/a	3/16/2021	0.002ND	No	37	n/a	100	n/a	n/a	0.0001035	NP Intra (NDs) 1 of 3
Antimony (mg/L)	GWA-3	0.0022	n/a	3/16/2021	0.002ND	No	37	n/a	97.3	n/a	n/a	0.0001035	NP Intra (NDs) 1 of 3
Antimony (mg/L)	GWC-18	0.002	n/a	3/17/2021	0.002ND	No	16	n/a	93.75	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3
Arsenic (mg/L)	GWA-13	0.001	n/a	3/16/2021	0.001ND	No	16	n/a	100	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3
Arsenic (mg/L)	GWA-14	0.001	n/a	3/16/2021	0.001ND	No	16	n/a	100	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3
Arsenic (mg/L)	GWA-16[*GWB-16]	0.001	n/a	3/16/2021	0.001ND	No	16	n/a	100	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3
Arsenic (mg/L)	GWA-3	0.001	n/a	3/16/2021	0.001ND	No	36	n/a	94.44	n/a	n/a	0.000111	NP Intra (NDs) 1 of 3
Arsenic (mg/L)	GWC-10	0.0013	n/a	3/16/2021	0.00069J	No	37	n/a	91.89	n/a	n/a	0.0001035	NP Intra (NDs) 1 of 3
Arsenic (mg/L)	GWC-11	0.005	n/a	3/17/2021	0.0014	No	37	n/a	70.27	n/a	n/a	0.0001035	NP Intra (NDs) 1 of 3
Arsenic (mg/L)	GWC-12	0.001	n/a	3/16/2021	0.001ND	No	37	n/a	94.59	n/a	n/a	0.0001035	NP Intra (NDs) 1 of 3
Arsenic (mg/L)	GWC-15[*GWB-15]	0.001	n/a	3/17/2021	0.001ND	No	16	n/a	93.75	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3
Arsenic (mg/L)	GWC-17	0.001	n/a	3/16/2021	0.001ND	No	16	n/a	87.5	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3
Arsenic (mg/L)	GWC-18	0.001229	n/a	3/17/2021	0.00072J	No	16	0.0002231	31.25	Kaplan-Meier	No	0.0003901	Param Intra 1 of 3
Arsenic (mg/L)	GWC-19	0.001	n/a	3/16/2021	0.001ND	No	16	n/a	87.5	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3
Arsenic (mg/L)	GWC-20	0.001	n/a	3/16/2021	0.001ND	No	16	n/a	87.5	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3
Arsenic (mg/L)	GWC-21	0.0022	n/a	3/17/2021	0.001ND	No	16	n/a	75	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3
Arsenic (mg/L)	GWC-23	0.001734	n/a	3/17/2021	0.001ND	No	11	0.006873	45.45	Kaplan-Meier	sqrt(x)	0.0003901	Param Intra 1 of 3
Arsenic (mg/L)	GWC-4A[*GWB-4A]	0.0027	n/a	3/17/2021	0.001ND	No	37	n/a	75.68	n/a	n/a	0.0001035	NP Intra (NDs) 1 of 3
Arsenic (mg/L)	GWC-5[*GWB-5]	0.0027	n/a	3/17/2021	0.001ND	No	39	n/a	94.87	n/a	n/a	0.00008849	NP Intra (NDs) 1 of 3
Arsenic (mg/L)	GWC-9	0.001	n/a	3/17/2021	0.001ND	No	37	n/a	97.3	n/a	n/a	0.0001035	NP Intra (NDs) 1 of 3
Barium (mg/L)	GWA-13	0.01736	n/a	3/16/2021	0.018	Yes	16	0.001248	0	None	No	0.0003901	Param Intra 1 of 3
Barium (mg/L)	GWA-14	0.018	n/a	3/16/2021	0.013	No	16	n/a	0	n/a	n/a	0.001026	NP Intra (normality) 1 of 3
Barium (mg/L)	GWA-16[*GWB-16]	0.02941	n/a	3/16/2021	0.025	No	16	0.002701	0	None	No	0.0003901	Param Intra 1 of 3
Barium (mg/L)	GWA-2	0.036	n/a	3/16/2021	0.035	No	14	0.000007789	0	None	x^3	0.0003901	Param Intra 1 of 3
Barium (mg/L)	GWA-3	0.02553	n/a	3/16/2021	0.015	No	34	0.02092	0	None	sqrt(x)	0.0003901	Param Intra 1 of 3
Barium (mg/L)	GWC-1	0.05613	n/a	3/16/2021	0.039	No	18	0.008527	0	None	No	0.0003901	Param Intra 1 of 3
Barium (mg/L)	GWC-10	0.03867	n/a	3/16/2021	0.019	No	37	0.3426	0	None	ln(x)	0.0003901	Param Intra 1 of 3
Barium (mg/L)	GWC-11	0.026	n/a	3/17/2021	0.016	No	36	n/a	0	n/a	n/a	0.000111	NP Intra (normality) 1 of 3
Barium (mg/L)	GWC-12	0.01492	n/a	3/16/2021	0.01	No	37	0.001788	0	None	No	0.0003901	Param Intra 1 of 3
Barium (mg/L)	GWC-15[*GWB-15]	0.02811	n/a	3/17/2021	0.028	No	16	0.001826	0	None	No	0.0003901	Param Intra 1 of 3
Barium (mg/L)	GWC-17	0.02102	n/a	3/16/2021	0.017	No	16	0.001626	0	None	No	0.0003901	Param Intra 1 of 3
Barium (mg/L)	GWC-18	0.05567	n/a	3/17/2021	0.013	No	16	0.01398	0	None	No	0.0003901	Param Intra 1 of 3
Barium (mg/L)	GWC-19	0.057	n/a	3/16/2021	0.0099J	No	16	n/a	0	n/a	n/a	0.001026	NP Intra (normality) 1 of 3
Barium (mg/L)	GWC-20	0.04774	n/a	3/16/2021	0.016	No	16	0.3019	0	None	ln(x)	0.0003901	Param Intra 1 of 3
Barium (mg/L)	GWC-21	0.02848	n/a	3/17/2021	0.019	No	16	0.2397	0	None	ln(x)	0.0003901	Param Intra 1 of 3
Barium (mg/L)	GWC-23	0.08327	n/a	3/17/2021	0.024	No	11	0.01433	0	None	No	0.0003901	Param Intra 1 of 3
Barium (mg/L)	GWC-4A[*GWB-4A]	0.03562	n/a	3/17/2021	0.014	No	37	0.007165	0	None	No	0.0003901	Param Intra 1 of 3
Barium (mg/L)	GWC-5[*GWB-5]	0.06741	n/a	3/17/2021	0.04	No	19	0.014	0	None	No	0.0003901	Param Intra 1 of 3
Barium (mg/L)	GWC-9	0.03144	n/a	3/17/2021	0.041	Yes	37	0.004605	0	None	No	0.0003901	Param Intra 1 of 3
Beryllium (mg/L)	GWA-13	0.0025	n/a	3/16/2021	0.0002J	No	15	n/a	93.33	n/a	n/a	0.001313	NP Intra (NDs) 1 of 3
Beryllium (mg/L)	GWA-14	0.0025	n/a	3/16/2021	0.0025ND	No	16	n/a	93.75	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3
Beryllium (mg/L)	GWA-16[*GWB-16]	0.0025	n/a	3/16/2021	0.0025ND	No	16	n/a	93.75	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3
Beryllium (mg/L)	GWA-2	0.0025	n/a	3/16/2021	0.0025ND	No	37	n/a	91.89	n/a	n/a	0.0001035	NP Intra (NDs) 1 of 3
Beryllium (mg/L)	GWA-3	0.0025	n/a	3/16/2021	0.0025ND	No	37	n/a	94.59	n/a	n/a	0.0001035	NP Intra (NDs) 1 of 3
Beryllium (mg/L)	GWC-1	0.0025	n/a	3/16/2021	0.00022J	No	37	n/a	83.78	n/a	n/a	0.0001035	NP Intra (NDs) 1 of 3
Beryllium (mg/L)	GWC-10	0.0025	n/a	3/16/2021	0.00033J	No	37	n/a	94.59	n/a	n/a	0.0001035	NP Intra (NDs) 1 of 3
Beryllium (mg/L)	GWC-11	0.0025	n/a	3/17/2021	0.00048J	No	37	n/a	100	n/a	n/a	0.0001035	NP Intra (NDs) 1 of 3
Beryllium (mg/L)	GWC-12	0.0025	n/a	3/16/2021	0.00037J	No	37	n/a	83.78	n/a	n/a	0.0001035	NP Intra (NDs) 1 of 3
Beryllium (mg/L)	GWC-15[*GWB-15]	0.0025	n/a	3/17/2021	0.0025ND	No	16	n/a	93.75	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3
Beryllium (mg/L)	GWC-17	0.0006922	n/a	3/16/2021	0.00062J	No	15	0.00006281	0	None	No	0.0003901	Param Intra 1 of 3
Beryllium (mg/L)	GWC-18	0.0025	n/a	3/17/2021	0.0025ND	No	16	n/a	100	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3
Beryllium (mg/L)	GWC-19	0.0025	n/a	3/16/2021	0.00024J	No	16	n/a	62.5	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3
Beryllium (mg/L)	GWC-20	0.0025	n/a	3/16/2021	0.00022J	No	16	n/a	62.5	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3
Beryllium (mg/L)	GWC-21	0.0025	n/a	3/17/2021	0.0025ND	No	16	n/a	93.75	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3
Beryllium (mg/L)	GWC-23	0.0025	n/a	3/17/2021	0.00018J	No	11	n/a	100	n/a	n/a	0.002806	NP Intra (NDs) 1 of 3
Beryllium (mg/L)	GWC-4A[*GWB-4A]	0.0025	n/a	3/17/2021	0.0025ND	No	37	n/a	94.59	n/a	n/a	0.0001035	NP Intra (NDs) 1 of 3
Beryllium (mg/L)	GWC-5[*GWB-5]	0.0025	n/a	3/17/2021	0.0025ND	No	39	n/a	92.31	n/a	n/a	0.00008849	NP Intra (NDs) 1 of 3
Beryllium (mg/L)	GWC-9	0.0025	n/a	3/17/2021	0.00024J	No	37	n/a	94.59	n/a	n/a	0.0001035	NP Intra (NDs) 1 of 3
Cadmium (mg/L)	GWA-13	0.0025	n/a	3/16/2021	0.0025ND	No	16	n/a	93.75	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3
Cadmium (mg/L)	GWA-14	0.0025	n/a	3/16/2021	0.0025ND	No	16	n/a	93.75	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3
Cadmium (mg/L)	GWA-16[*GWB-16]	0.0025	n/a	3/16/2021	0.0025ND	No	16	n/a	100	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3
Cadmium (mg/L)	GWC-17	0.000773	n/a	3/16/2021	0.00057J	No	16	0.00009557	0	None	No	0.0003901	Param Intra 1 of 3
Cadmium (mg/L)	GWC-18	0.0025	n/a	3/17/2021	0.0025ND	No	16	n/a	93.75	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3
Cadmium (mg/L)	GWC-19	0.0025	n/a	3/16/2021	0.0025ND	No	16	n/a	87.5	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3
Cadmium (mg/L)	GWC-20	0.0025	n/a	3/16/2021	0.0025ND	No	16	n/a	56.25	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3
Cadmium (mg/L)	GWC-21	0.0025	n/a	3/17/2021	0.0025ND	No	16	n/a	87.5	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3

Appendix I Intrawell Prediction Limit - All Results

Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR Printed 4/28/2021, 3:44 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Cadmium (mg/L)	GWC-23	0.0025	n/a	3/17/2021	0.0025ND	No	11	n/a	100	n/a	n/a	0.002806	NP Intra (NDs) 1 of 3
Cadmium (mg/L)	GWC-4A[*GWB-4A]	0.0025	n/a	3/17/2021	0.0025ND	No	37	n/a	94.59	n/a	n/a	0.0001035	NP Intra (NDs) 1 of 3
Chromium (mg/L)	GWA-13	0.0094	n/a	3/16/2021	0.002ND	No	14	n/a	78.57	n/a	n/a	0.0016	NP Intra (NDs) 1 of 3
Chromium (mg/L)	GWA-14	0.0047	n/a	3/16/2021	0.002ND	No	15	n/a	86.67	n/a	n/a	0.001313	NP Intra (NDs) 1 of 3
Chromium (mg/L)	GWA-16[*GWB-16]	0.003104	n/a	3/16/2021	0.0017J	No	15	0.01054	46.67	Kaplan-Meier	sqrt(x)	0.0003901	Param Intra 1 of 3
Chromium (mg/L)	GWA-2	0.002707	n/a	3/16/2021	0.0015J	No	36	0.007574	22.22	Kaplan-Meier	sqrt(x)	0.0003901	Param Intra 1 of 3
Chromium (mg/L)	GWA-3	0.002978	n/a	3/16/2021	0.0015J	No	36	0.4922	33.33	Kaplan-Meier	ln(x)	0.0003901	Param Intra 1 of 3
Chromium (mg/L)	GWC-1	0.005	n/a	3/16/2021	0.002ND	No	37	n/a	35.14	n/a	n/a	0.0001035	NP Intra (normality) 1 of 3
Chromium (mg/L)	GWC-10	0.01	n/a	3/16/2021	0.0054	No	37	n/a	24.32	n/a	n/a	0.0001035	NP Intra (normality) 1 of 3
Chromium (mg/L)	GWC-11	0.009367	n/a	3/17/2021	0.0031	No	37	0.002115	2.703	None	No	0.0003901	Param Intra 1 of 3
Chromium (mg/L)	GWC-12	0.01	n/a	3/16/2021	0.0019J	No	37	n/a	21.62	n/a	n/a	0.0001035	NP Intra (normality) 1 of 3
Chromium (mg/L)	GWC-15[*GWB-15]	0.0051	n/a	3/17/2021	0.002ND	No	15	n/a	66.67	n/a	n/a	0.001313	NP Intra (NDs) 1 of 3
Chromium (mg/L)	GWC-17	0.01	n/a	3/16/2021	0.0031	No	15	n/a	33.33	n/a	n/a	0.001313	NP Intra (normality) 1 of 3
Chromium (mg/L)	GWC-18	0.004525	n/a	3/17/2021	0.0027	No	15	0.3833	0	None	ln(x)	0.0003901	Param Intra 1 of 3
Chromium (mg/L)	GWC-19	0.00396	n/a	3/16/2021	0.0017J	No	15	0.3916	13.33	None	ln(x)	0.0003901	Param Intra 1 of 3
Chromium (mg/L)	GWC-20	0.005	n/a	3/16/2021	0.002ND	No	15	n/a	86.67	n/a	n/a	0.001313	NP Intra (NDs) 1 of 3
Chromium (mg/L)	GWC-21	0.0044	n/a	3/17/2021	0.002ND	No	14	n/a	85.71	n/a	n/a	0.0016	NP Intra (NDs) 1 of 3
Chromium (mg/L)	GWC-23	0.0025	n/a	3/17/2021	0.0027	Yes	11	n/a	81.82	n/a	n/a	0.002806	NP Intra (NDs) 1 of 3
Chromium (mg/L)	GWC-4A[*GWB-4A]	0.0096	n/a	3/17/2021	0.002ND	No	37	n/a	67.57	n/a	n/a	0.0001035	NP Intra (NDs) 1 of 3
Chromium (mg/L)	GWC-5[*GWB-5]	0.0054	n/a	3/17/2021	0.002ND	No	38	n/a	65.79	n/a	n/a	0.00009598	NP Intra (NDs) 1 of 3
Chromium (mg/L)	GWC-9	0.0043	n/a	3/17/2021	0.002ND	No	36	n/a	63.89	n/a	n/a	0.000111	NP Intra (NDs) 1 of 3
Cobalt (mg/L)	GWA-13	0.002313	n/a	3/16/2021	0.0005J	No	16	0.009318	12.5	None	sqrt(x)	0.0003901	Param Intra 1 of 3
Cobalt (mg/L)	GWA-14	0.0025	n/a	3/16/2021	0.00035J	No	16	n/a	43.75	n/a	n/a	0.001026	NP Intra (normality) 1 of 3
Cobalt (mg/L)	GWA-16[*GWB-16]	0.001798	n/a	3/16/2021	0.00047J	No	16	0.5015	6.25	None	ln(x)	0.0003901	Param Intra 1 of 3
Cobalt (mg/L)	GWA-2	0.01	n/a	3/16/2021	0.0013J	No	37	n/a	56.76	n/a	n/a	0.0001035	NP Intra (NDs) 1 of 3
Cobalt (mg/L)	GWA-3	0.0025	n/a	3/16/2021	0.00033J	No	36	n/a	88.89	n/a	n/a	0.000111	NP Intra (NDs) 1 of 3
Cobalt (mg/L)	GWC-1	0.0025	n/a	3/16/2021	0.0017J	No	37	n/a	51.35	n/a	n/a	0.0001035	NP Intra (NDs) 1 of 3
Cobalt (mg/L)	GWC-10	0.0025	n/a	3/16/2021	0.0025ND	No	37	n/a	94.59	n/a	n/a	0.0001035	NP Intra (NDs) 1 of 3
Cobalt (mg/L)	GWC-11	0.0071	n/a	3/17/2021	0.00016J	No	37	n/a	81.08	n/a	n/a	0.0001035	NP Intra (NDs) 1 of 3
Cobalt (mg/L)	GWC-12	0.012	n/a	3/16/2021	0.00058J	No	37	n/a	54.05	n/a	n/a	0.0001035	NP Intra (NDs) 1 of 3
Cobalt (mg/L)	GWC-15[*GWB-15]	0.0025	n/a	3/17/2021	0.0004J	No	16	n/a	12.5	n/a	n/a	0.001026	NP Intra (normality) 1 of 3
Cobalt (mg/L)	GWC-17	0.002397	n/a	3/16/2021	0.00027J	No	16	0.0006723	12.5	None	No	0.0003901	Param Intra 1 of 3
Cobalt (mg/L)	GWC-18	0.0025	n/a	3/17/2021	0.0025ND	No	16	n/a	93.75	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3
Cobalt (mg/L)	GWC-19	0.0025	n/a	3/16/2021	0.0025ND	No	16	n/a	75	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3
Cobalt (mg/L)	GWC-20	0.007687	n/a	3/16/2021	0.0009J	No	16	0.00223	0	None	No	0.0003901	Param Intra 1 of 3
Cobalt (mg/L)	GWC-21	0.002328	n/a	3/17/2021	0.00092J	No	15	0.0003563	6.667	None	No	0.0003901	Param Intra 1 of 3
Cobalt (mg/L)	GWC-23	0.01056	n/a	3/17/2021	0.0035	No	11	0.001944	0	None	No	0.0003901	Param Intra 1 of 3
Cobalt (mg/L)	GWC-4A[*GWB-4A]	0.013	n/a	3/17/2021	0.0014J	No	37	n/a	59.46	n/a	n/a	0.0001035	NP Intra (NDs) 1 of 3
Cobalt (mg/L)	GWC-5[*GWB-5]	0.011	n/a	3/17/2021	0.00083J	No	39	n/a	51.28	n/a	n/a	0.00008849	NP Intra (NDs) 1 of 3
Cobalt (mg/L)	GWC-9	0.0055	n/a	3/17/2021	0.00092J	No	37	n/a	56.76	n/a	n/a	0.0001035	NP Intra (NDs) 1 of 3
Copper (mg/L)	GWA-13	0.002	n/a	3/16/2021	0.002ND	No	10	n/a	100	n/a	n/a	0.00344	NP Intra (NDs) 1 of 3
Copper (mg/L)	GWA-14	0.002	n/a	3/16/2021	0.002ND	No	10	n/a	90	n/a	n/a	0.00344	NP Intra (NDs) 1 of 3
Copper (mg/L)	GWA-16[*GWB-16]	0.002	n/a	3/16/2021	0.002ND	No	10	n/a	80	n/a	n/a	0.00344	NP Intra (NDs) 1 of 3
Copper (mg/L)	GWA-2	0.003	n/a	3/16/2021	0.002ND	No	31	n/a	96.77	n/a	n/a	0.0001701	NP Intra (NDs) 1 of 3
Copper (mg/L)	GWA-3	0.0034	n/a	3/16/2021	0.002ND	No	30	n/a	90	n/a	n/a	0.0001831	NP Intra (NDs) 1 of 3
Copper (mg/L)	GWC-1	0.002	n/a	3/16/2021	0.002ND	No	30	n/a	100	n/a	n/a	0.0001831	NP Intra (NDs) 1 of 3
Copper (mg/L)	GWC-11	0.0027	n/a	3/17/2021	0.0019J	No	31	n/a	93.55	n/a	n/a	0.0001701	NP Intra (NDs) 1 of 3
Copper (mg/L)	GWC-12	0.002	n/a	3/16/2021	0.002ND	No	31	n/a	100	n/a	n/a	0.0001701	NP Intra (NDs) 1 of 3
Copper (mg/L)	GWC-15[*GWB-15]	0.002	n/a	3/17/2021	0.002ND	No	10	n/a	90	n/a	n/a	0.00344	NP Intra (NDs) 1 of 3
Copper (mg/L)	GWC-17	0.0021	n/a	3/16/2021	0.002ND	No	10	n/a	80	n/a	n/a	0.00344	NP Intra (NDs) 1 of 3
Copper (mg/L)	GWC-18	0.002	n/a	3/17/2021	0.001J	No	10	n/a	80	n/a	n/a	0.00344	NP Intra (NDs) 1 of 3
Copper (mg/L)	GWC-19	0.002	n/a	3/16/2021	0.002ND	No	10	n/a	90	n/a	n/a	0.00344	NP Intra (NDs) 1 of 3
Copper (mg/L)	GWC-20	0.002	n/a	3/16/2021	0.002ND	No	10	n/a	90	n/a	n/a	0.00344	NP Intra (NDs) 1 of 3
Copper (mg/L)	GWC-21	0.002	n/a	3/17/2021	0.002ND	No	9	n/a	77.78	n/a	n/a	0.004675	NP Intra (NDs) 1 of 3
Copper (mg/L)	GWC-23	0.002	n/a	3/17/2021	0.002ND	No	5	n/a	80	n/a	n/a	0.01896	NP Intra (NDs) 1 of 3
Copper (mg/L)	GWC-4A[*GWB-4A]	0.0025	n/a	3/17/2021	0.0012J	No	31	n/a	96.77	n/a	n/a	0.0001701	NP Intra (NDs) 1 of 3
Copper (mg/L)	GWC-5[*GWB-5]	0.0021	n/a	3/17/2021	0.002ND	No	31	n/a	93.55	n/a	n/a	0.0001701	NP Intra (NDs) 1 of 3
Copper (mg/L)	GWC-9	0.0021	n/a	3/17/2021	0.002ND	No	31	n/a	96.77	n/a	n/a	0.0001701	NP Intra (NDs) 1 of 3
Lead (mg/L)	GWA-13	0.001	n/a	3/16/2021	0.001ND	No	16	n/a	100	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3
Lead (mg/L)	GWA-14	0.001	n/a	3/16/2021	0.001ND	No	16	n/a	100	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3
Lead (mg/L)	GWA-16[*GWB-16]	0.001	n/a	3/16/2021	0.001ND	No	16	n/a	100	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3
Lead (mg/L)	GWC-11	0.001	n/a	3/17/2021	0.00031J	No	37	n/a	94.59	n/a	n/a	0.0001035	NP Intra (NDs) 1 of 3
Lead (mg/L)	GWC-18	0.001	n/a	3/17/2021	0.00015J	No	16	n/a	93.75	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3
Lead (mg/L)	GWC-20	0.001	n/a	3/16/2021	0.001ND	No	16	n/a	100	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3
Lead (mg/L)	GWC-21	0.001	n/a	3/17/2021	0.001ND	No	16	n/a	93.75	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3
Lead (mg/L)	GWC-23	0.001	n/a	3/17/2021	0.001ND	No	11	n/a	100	n/a	n/a	0.002806	NP Intra (NDs) 1 of 3
Lead (mg/L)	GWC-4A[*GWB-4A]	0.001	n/a	3/17/2021	0.001ND	No	37	n/a	100	n/a	n/a	0.0001035	NP Intra (NDs) 1 of 3
Lead (mg/L)	GWC-5[*GWB-5]	0.001	n/a	3/17/2021	0.001ND	No	39	n/a	92.31	n/a	n/a	0.00008849	NP Intra (NDs) 1 of 3

Appendix I Intrawell Prediction Limit - All Results

Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR Printed 4/28/2021, 3:44 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Nickel (mg/L)	GWA-13	0.001	n/a	3/16/2021	0.001ND	No	10	n/a	100	n/a	n/a	0.00344	NP Intra (NDs) 1 of 3
Nickel (mg/L)	GWA-14	0.0025	n/a	3/16/2021	0.00045J	No	10	n/a	90	n/a	n/a	0.00344	NP Intra (NDs) 1 of 3
Nickel (mg/L)	GWA-16[*GWB-16]	0.001	n/a	3/16/2021	0.00043J	No	10	n/a	100	n/a	n/a	0.00344	NP Intra (NDs) 1 of 3
Nickel (mg/L)	GWA-2	0.0043	n/a	3/16/2021	0.00072J	No	31	n/a	87.1	n/a	n/a	0.0001701	NP Intra (NDs) 1 of 3
Nickel (mg/L)	GWA-3	0.001	n/a	3/16/2021	0.001ND	No	29	n/a	100	n/a	n/a	0.0002074	NP Intra (NDs) 1 of 3
Nickel (mg/L)	GWC-1	0.0025	n/a	3/16/2021	0.0012	No	30	n/a	86.67	n/a	n/a	0.0001831	NP Intra (NDs) 1 of 3
Nickel (mg/L)	GWC-10	0.0013	n/a	3/16/2021	0.00043J	No	31	n/a	96.77	n/a	n/a	0.0001701	NP Intra (NDs) 1 of 3
Nickel (mg/L)	GWC-11	0.0049	n/a	3/17/2021	0.00077J	No	31	n/a	87.1	n/a	n/a	0.0001701	NP Intra (NDs) 1 of 3
Nickel (mg/L)	GWC-12	0.0057	n/a	3/16/2021	0.00093J	No	31	n/a	87.1	n/a	n/a	0.0001701	NP Intra (NDs) 1 of 3
Nickel (mg/L)	GWC-15[*GWB-15]	0.001	n/a	3/17/2021	0.00047J	No	10	n/a	100	n/a	n/a	0.00344	NP Intra (NDs) 1 of 3
Nickel (mg/L)	GWC-17	0.004116	n/a	3/16/2021	0.0015	No	10	0.0006773	10	None	No	0.0003901	Param Intra 1 of 3
Nickel (mg/L)	GWC-18	0.0021	n/a	3/17/2021	0.0011	No	10	0.0001857	50	Kaplan-Meier	No	0.0003901	Param Intra 1 of 3
Nickel (mg/L)	GWC-19	0.002889	n/a	3/16/2021	0.0012	No	10	0.0004447	0	None	No	0.0003901	Param Intra 1 of 3
Nickel (mg/L)	GWC-20	0.006567	n/a	3/16/2021	0.00093J	No	10	0.001337	40	Kaplan-Meier	No	0.0003901	Param Intra 1 of 3
Nickel (mg/L)	GWC-21	0.0025	n/a	3/17/2021	0.00068J	No	10	n/a	90	n/a	n/a	0.00344	NP Intra (NDs) 1 of 3
Nickel (mg/L)	GWC-23	0.004782	n/a	3/17/2021	0.0014	No	5	0.0006403	20	Kaplan-Meier	No	0.0003901	Param Intra 1 of 3
Nickel (mg/L)	GWC-4A[*GWB-4A]	0.0072	n/a	3/17/2021	0.00083J	No	31	n/a	74.19	n/a	n/a	0.0001701	NP Intra (NDs) 1 of 3
Nickel (mg/L)	GWC-5[*GWB-5]	0.0031	n/a	3/17/2021	0.00041J	No	31	n/a	93.55	n/a	n/a	0.0001701	NP Intra (NDs) 1 of 3
Nickel (mg/L)	GWC-9	0.0033	n/a	3/17/2021	0.0006J	No	31	n/a	90.32	n/a	n/a	0.0001701	NP Intra (NDs) 1 of 3
Selenium (mg/L)	GWA-13	0.005	n/a	3/16/2021	0.005ND	No	16	n/a	93.75	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3
Selenium (mg/L)	GWA-16[*GWB-16]	0.005	n/a	3/16/2021	0.005ND	No	16	n/a	93.75	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3
Selenium (mg/L)	GWA-2	0.005	n/a	3/16/2021	0.005ND	No	37	n/a	91.89	n/a	n/a	0.0001035	NP Intra (NDs) 1 of 3
Selenium (mg/L)	GWA-3	0.005	n/a	3/16/2021	0.005ND	No	37	n/a	86.49	n/a	n/a	0.0001035	NP Intra (NDs) 1 of 3
Selenium (mg/L)	GWC-1	0.005	n/a	3/16/2021	0.005ND	No	37	n/a	94.59	n/a	n/a	0.0001035	NP Intra (NDs) 1 of 3
Selenium (mg/L)	GWC-10	0.005	n/a	3/16/2021	0.005ND	No	37	n/a	94.59	n/a	n/a	0.0001035	NP Intra (NDs) 1 of 3
Selenium (mg/L)	GWC-11	0.005	n/a	3/17/2021	0.005ND	No	37	n/a	83.78	n/a	n/a	0.0001035	NP Intra (NDs) 1 of 3
Selenium (mg/L)	GWC-15[*GWB-15]	0.005	n/a	3/17/2021	0.005ND	No	16	n/a	93.75	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3
Selenium (mg/L)	GWC-18	0.005	n/a	3/17/2021	0.005ND	No	16	n/a	93.75	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3
Selenium (mg/L)	GWC-19	0.005	n/a	3/16/2021	0.005ND	No	16	n/a	93.75	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3
Selenium (mg/L)	GWC-20	0.005	n/a	3/16/2021	0.005ND	No	16	n/a	93.75	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3
Selenium (mg/L)	GWC-21	0.005	n/a	3/17/2021	0.005ND	No	16	n/a	93.75	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3
Selenium (mg/L)	GWC-4A[*GWB-4A]	0.005	n/a	3/17/2021	0.005ND	No	37	n/a	91.89	n/a	n/a	0.0001035	NP Intra (NDs) 1 of 3
Selenium (mg/L)	GWC-5[*GWB-5]	0.005	n/a	3/17/2021	0.005ND	No	38	n/a	97.37	n/a	n/a	0.00009598	NP Intra (NDs) 1 of 3
Selenium (mg/L)	GWC-9	0.0058	n/a	3/17/2021	0.005ND	No	37	n/a	97.3	n/a	n/a	0.0001035	NP Intra (NDs) 1 of 3
Silver (mg/L)	GWC-11	0.001	n/a	3/17/2021	0.001ND	No	31	n/a	96.77	n/a	n/a	0.0001701	NP Intra (NDs) 1 of 3
Thallium (mg/L)	GWA-13	0.001	n/a	3/16/2021	0.001ND	No	16	n/a	87.5	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3
Thallium (mg/L)	GWA-14	0.001	n/a	3/16/2021	0.001ND	No	16	n/a	93.75	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3
Thallium (mg/L)	GWA-16[*GWB-16]	0.001	n/a	3/16/2021	0.001ND	No	16	n/a	100	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3
Thallium (mg/L)	GWA-2	0.001	n/a	3/16/2021	0.001ND	No	35	n/a	100	n/a	n/a	0.0001185	NP Intra (NDs) 1 of 3
Thallium (mg/L)	GWA-3	0.001	n/a	3/16/2021	0.001ND	No	35	n/a	100	n/a	n/a	0.0001185	NP Intra (NDs) 1 of 3
Thallium (mg/L)	GWC-10	0.001	n/a	3/16/2021	0.00037J	No	35	n/a	100	n/a	n/a	0.0001185	NP Intra (NDs) 1 of 3
Thallium (mg/L)	GWC-11	0.001	n/a	3/17/2021	0.00047J	No	35	n/a	97.14	n/a	n/a	0.0001185	NP Intra (NDs) 1 of 3
Thallium (mg/L)	GWC-12	0.001	n/a	3/16/2021	0.00022J	No	35	n/a	100	n/a	n/a	0.0001185	NP Intra (NDs) 1 of 3
Thallium (mg/L)	GWC-17	0.001	n/a	3/16/2021	0.001ND	No	16	n/a	62.5	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3
Thallium (mg/L)	GWC-18	0.001	n/a	3/17/2021	0.00016J	No	16	n/a	12.5	n/a	n/a	0.001026	NP Intra (normality) 1 of 3
Thallium (mg/L)	GWC-19	0.001	n/a	3/16/2021	0.001ND	No	16	n/a	93.75	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3
Thallium (mg/L)	GWC-20	0.001	n/a	3/16/2021	0.001ND	No	16	n/a	62.5	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3
Thallium (mg/L)	GWC-21	0.001	n/a	3/17/2021	0.001ND	No	16	n/a	87.5	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3
Thallium (mg/L)	GWC-23	0.001	n/a	3/17/2021	0.001ND	No	11	n/a	72.73	n/a	n/a	0.002806	NP Intra (NDs) 1 of 3
Thallium (mg/L)	GWC-4A[*GWB-4A]	0.001	n/a	3/17/2021	0.001ND	No	35	n/a	97.14	n/a	n/a	0.0001185	NP Intra (NDs) 1 of 3
Thallium (mg/L)	GWC-5[*GWB-5]	0.001	n/a	3/17/2021	0.001ND	No	37	n/a	97.3	n/a	n/a	0.0001035	NP Intra (NDs) 1 of 3
Thallium (mg/L)	GWC-9	0.001	n/a	3/17/2021	0.001ND	No	35	n/a	100	n/a	n/a	0.0001185	NP Intra (NDs) 1 of 3
Vanadium (mg/L)	GWA-13	0.0018	n/a	3/16/2021	0.001ND	No	10	n/a	80	n/a	n/a	0.00344	NP Intra (NDs) 1 of 3
Vanadium (mg/L)	GWA-14	0.001	n/a	3/16/2021	0.001ND	No	10	n/a	90	n/a	n/a	0.00344	NP Intra (NDs) 1 of 3
Vanadium (mg/L)	GWA-16[*GWB-16]	0.0015	n/a	3/16/2021	0.001ND	No	10	n/a	80	n/a	n/a	0.00344	NP Intra (NDs) 1 of 3
Vanadium (mg/L)	GWA-2	0.0051	n/a	3/16/2021	0.001ND	No	31	n/a	90.32	n/a	n/a	0.0001701	NP Intra (NDs) 1 of 3
Vanadium (mg/L)	GWA-3	0.005	n/a	3/16/2021	0.001ND	No	30	n/a	83.33	n/a	n/a	0.0001831	NP Intra (NDs) 1 of 3
Vanadium (mg/L)	GWC-1	0.0032	n/a	3/16/2021	0.001ND	No	30	n/a	86.67	n/a	n/a	0.0001831	NP Intra (NDs) 1 of 3
Vanadium (mg/L)	GWC-10	0.0087	n/a	3/16/2021	0.0013	No	31	n/a	80.65	n/a	n/a	0.0001701	NP Intra (NDs) 1 of 3
Vanadium (mg/L)	GWC-11	0.01	n/a	3/17/2021	0.0015	No	30	n/a	73.33	n/a	n/a	0.0001831	NP Intra (NDs) 1 of 3
Vanadium (mg/L)	GWC-12	0.0075	n/a	3/16/2021	0.001ND	No	31	n/a	90.32	n/a	n/a	0.0001701	NP Intra (NDs) 1 of 3
Vanadium (mg/L)	GWC-15[*GWB-15]	0.0017	n/a	3/17/2021	0.001ND	No	10	n/a	80	n/a	n/a	0.00344	NP Intra (NDs) 1 of 3
Vanadium (mg/L)	GWC-17	0.001	n/a	3/16/2021	0.001ND	No	10	n/a	90	n/a	n/a	0.00344	NP Intra (NDs) 1 of 3
Vanadium (mg/L)	GWC-18	0.005391	n/a	3/17/2021	0.0026	No	10	0.001152	0	None	No	0.0003901	Param Intra 1 of 3
Vanadium (mg/L)	GWC-19	0.006157	n/a	3/16/2021	0.001ND	No	10	0.02849	20	Kaplan-Meier	x^(1/3)	0.0003901	Param Intra 1 of 3
Vanadium (mg/L)	GWC-20	0.0074	n/a	3/16/2021	0.001ND	No	10	n/a	70	n/a	n/a	0.00344	NP Intra (NDs) 1 of 3
Vanadium (mg/L)	GWC-21	0.0058	n/a	3/17/2021	0.001ND	No	10	n/a	70	n/a	n/a	0.00344	NP Intra (NDs) 1 of 3
Vanadium (mg/L)	GWC-23	0.006305	n/a	3/17/2021	0.001ND	No	5	0.001071	40	Kaplan-Meier	No	0.0003901	Param Intra 1 of 3

Appendix I Intrawell Prediction Limit - All Results

Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR Printed 4/28/2021, 3:44 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg.N	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Vanadium (mg/L)	GWC-4A[*GWB-4A]	0.0033	n/a	3/17/2021	0.001ND	No	31	n/a	90.32	n/a	n/a	0.0001701	NP Intra (NDs) 1 of 3
Vanadium (mg/L)	GWC-5[*GWB-5]	0.0035	n/a	3/17/2021	0.001ND	No	31	n/a	90.32	n/a	n/a	0.0001701	NP Intra (NDs) 1 of 3
Vanadium (mg/L)	GWC-9	0.0091	n/a	3/17/2021	0.001ND	No	31	n/a	87.1	n/a	n/a	0.0001701	NP Intra (NDs) 1 of 3
Zinc (mg/L)	GWA-13	0.00446	n/a	3/16/2021	0.005ND	No	10	0.0006491	40	Kaplan-Meier	No	0.0003901	Param Intra 1 of 3
Zinc (mg/L)	GWA-14	0.01002	n/a	3/16/2021	0.007	No	10	0.437	30	Kaplan-Meier	ln(x)	0.0003901	Param Intra 1 of 3
Zinc (mg/L)	GWA-16[*GWB-16]	0.005037	n/a	3/16/2021	0.005	No	10	0.000549	40	Kaplan-Meier	No	0.0003901	Param Intra 1 of 3
Zinc (mg/L)	GWA-2	0.02	n/a	3/16/2021	0.0045J	No	31	n/a	32.26	n/a	n/a	0.0001701	NP Intra (normality) 1 of 3
Zinc (mg/L)	GWA-3	0.045	n/a	3/16/2021	0.0035J	No	30	n/a	43.33	n/a	n/a	0.0001831	NP Intra (normality) 1 of 3
Zinc (mg/L)	GWC-1	0.02	n/a	3/16/2021	0.0047J	No	30	n/a	30	n/a	n/a	0.0001831	NP Intra (normality) 1 of 3
Zinc (mg/L)	GWC-10	0.019	n/a	3/16/2021	0.005ND	No	31	n/a	70.97	n/a	n/a	0.0001701	NP Intra (NDs) 1 of 3
Zinc (mg/L)	GWC-11	0.0089	n/a	3/17/2021	0.0032J	No	30	n/a	66.67	n/a	n/a	0.0001831	NP Intra (NDs) 1 of 3
Zinc (mg/L)	GWC-12	0.005828	n/a	3/16/2021	0.005ND	No	31	0.01782	32.26	Kaplan-Meier	x^(1/3)	0.0003901	Param Intra 1 of 3
Zinc (mg/L)	GWC-15[*GWB-15]	0.01135	n/a	3/17/2021	0.0063	No	10	0.4242	30	Kaplan-Meier	ln(x)	0.0003901	Param Intra 1 of 3
Zinc (mg/L)	GWC-17	0.02	n/a	3/16/2021	0.006	No	10	n/a	30	n/a	n/a	0.00344	NP Intra (normality) 1 of 3
Zinc (mg/L)	GWC-18	0.01755	n/a	3/17/2021	0.0032J	No	10	0.7436	30	Kaplan-Meier	ln(x)	0.0003901	Param Intra 1 of 3
Zinc (mg/L)	GWC-19	0.009538	n/a	3/16/2021	0.005ND	No	10	0.01719	40	Kaplan-Meier	sqrt(x)	0.0003901	Param Intra 1 of 3
Zinc (mg/L)	GWC-20	0.008421	n/a	3/16/2021	0.005ND	No	10	0.001609	40	Kaplan-Meier	No	0.0003901	Param Intra 1 of 3
Zinc (mg/L)	GWC-21	0.008437	n/a	3/17/2021	0.005ND	No	10	0.002548	50	Kaplan-Meier	No	0.0003901	Param Intra 1 of 3
Zinc (mg/L)	GWC-23	0.02	n/a	3/17/2021	0.0033J	No	5	n/a	60	n/a	n/a	0.01896	NP Intra (NDs) 1 of 3
Zinc (mg/L)	GWC-4A[*GWB-4A]	0.02	n/a	3/17/2021	0.0039J	No	30	n/a	30	n/a	n/a	0.0001831	NP Intra (normality) 1 of 3
Zinc (mg/L)	GWC-5[*GWB-5]	0.017	n/a	3/17/2021	0.0041J	No	31	n/a	32.26	n/a	n/a	0.0001701	NP Intra (normality) 1 of 3
Zinc (mg/L)	GWC-9	0.0077	n/a	3/17/2021	0.005ND	No	31	n/a	64.52	n/a	n/a	0.0001701	NP Intra (NDs) 1 of 3

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

Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR Printed 5/3/2021, 10:00 AM

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-9	0.079	n/a	3/17/2021	0.041	No	302	n/a	n/a	0	n/a	n/a	7.3e-7	NP Inter (normality) 1 of 3
Chromium (mg/L)	GWC-23	0.024	n/a	3/17/2021	0.0027	No	296	n/a	n/a	47.64	n/a	n/a	7.3e-7	NP Inter (normality) 1 of 3

Appendix I Trend Tests - Significant Results

Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR Printed 5/3/2021, 10:02 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Barium (mg/L)	GWA-2 (bg)	0.001402	6.544	2.58	Yes	43	0	n/a	n/a	0.01	NP
Barium (mg/L)	GWC-18 (bg)	-0.007274	-192	-92	Yes	22	0	n/a	n/a	0.01	NP
Barium (mg/L)	GWC-5[*GWB-5] (bg)	0.002098	6.625	2.58	Yes	44	0	n/a	n/a	0.01	NP
Barium (mg/L)	GWC-9	0.0006186	2.973	2.58	Yes	43	0	n/a	n/a	0.01	NP
Chromium (mg/L)	GWA-2 (bg)	-0.00005169	-3.161	-2.58	Yes	42	21.43	n/a	n/a	0.01	NP
Chromium (mg/L)	GWC-18 (bg)	0.0002167	97	87	Yes	21	0	n/a	n/a	0.01	NP

Appendix I Trend Tests - All Results

Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR Printed 5/3/2021, 10:02 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Barium (mg/L)	GWA-13 (bg)	0	24	92	No	22	0	n/a	n/a	0.01	NP
Barium (mg/L)	GWA-14 (bg)	-0.0002649	-37	-92	No	22	0	n/a	n/a	0.01	NP
Barium (mg/L)	GWA-16[*GWB-16] (bg)	-0.0006279	-51	-92	No	22	0	n/a	n/a	0.01	NP
Barium (mg/L)	GWA-2 (bg)	0.001402	6.544	2.58	Yes	43	0	n/a	n/a	0.01	NP
Barium (mg/L)	GWA-3 (bg)	0	-13	-223	No	40	0	n/a	n/a	0.01	NP
Barium (mg/L)	GWC-15[*GWB-15] (bg)	0	-23	-92	No	22	0	n/a	n/a	0.01	NP
Barium (mg/L)	GWC-17 (bg)	-0.0003179	-56	-92	No	22	0	n/a	n/a	0.01	NP
Barium (mg/L)	GWC-18 (bg)	-0.007274	-192	-92	Yes	22	0	n/a	n/a	0.01	NP
Barium (mg/L)	GWC-4A[*GWB-4A] (bg)	-0.0004375	-1.97	-2.58	No	43	0	n/a	n/a	0.01	NP
Barium (mg/L)	GWC-5[*GWB-5] (bg)	0.002098	6.625	2.58	Yes	44	0	n/a	n/a	0.01	NP
Barium (mg/L)	GWC-9	0.0006186	2.973	2.58	Yes	43	0	n/a	n/a	0.01	NP
Chromium (mg/L)	GWA-13 (bg)	0	-10	-81	No	20	65	n/a	n/a	0.01	NP
Chromium (mg/L)	GWA-14 (bg)	0	21	87	No	21	85.71	n/a	n/a	0.01	NP
Chromium (mg/L)	GWA-16[*GWB-16] (bg)	0	1	87	No	21	38.1	n/a	n/a	0.01	NP
Chromium (mg/L)	GWA-2 (bg)	-0.00005169	-3.161	-2.58	Yes	42	21.43	n/a	n/a	0.01	NP
Chromium (mg/L)	GWA-3 (bg)	-0.00002819	-2.28	-2.58	No	42	35.71	n/a	n/a	0.01	NP
Chromium (mg/L)	GWC-15[*GWB-15] (bg)	0	-8	-87	No	21	61.9	n/a	n/a	0.01	NP
Chromium (mg/L)	GWC-17 (bg)	0	-10	-87	No	21	23.81	n/a	n/a	0.01	NP
Chromium (mg/L)	GWC-18 (bg)	0.0002167	97	87	Yes	21	0	n/a	n/a	0.01	NP
Chromium (mg/L)	GWC-23	0	23	63	No	17	64.71	n/a	n/a	0.01	NP
Chromium (mg/L)	GWC-4A[*GWB-4A] (bg)	0	-0.4796	-2.58	No	43	69.77	n/a	n/a	0.01	NP
Chromium (mg/L)	GWC-5[*GWB-5] (bg)	0	-0.3236	-2.58	No	44	68.18	n/a	n/a	0.01	NP

Appendix III Intrawell Prediction Limit - All Results (No Significant)

Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR Printed 4/28/2021, 4:46 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Sulfate (mg/L)	GWA-13	1.2	n/a	3/16/2021	1ND	No	14	n/a	64.29	n/a	n/a	0.008612	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWA-14	6.271	n/a	3/16/2021	1ND	No	14	0.2915	21.43	Kaplan-Meier	x^(1/3)	0.0008358	Param Intra 1 of 2
Sulfate (mg/L)	GWA-16[*GWB-16]	1	n/a	3/16/2021	1ND	No	14	n/a	71.43	n/a	n/a	0.008612	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWA-2	1.685	n/a	3/16/2021	1ND	No	14	0.2566	50	Kaplan-Meier	ln(x)	0.0008358	Param Intra 1 of 2
Sulfate (mg/L)	GWA-3	1.256	n/a	3/16/2021	1ND	No	14	0.1443	42.86	Kaplan-Meier	No	0.0008358	Param Intra 1 of 2
Sulfate (mg/L)	GWC-1	2.516	n/a	3/16/2021	1.6	No	14	0.4296	0	None	No	0.0008358	Param Intra 1 of 2
Sulfate (mg/L)	GWC-10	6.13	n/a	3/16/2021	2.4	No	14	1.048	0	None	No	0.0008358	Param Intra 1 of 2
Sulfate (mg/L)	GWC-11	6.226	n/a	3/17/2021	5.6	No	14	0.6784	0	None	No	0.0008358	Param Intra 1 of 2
Sulfate (mg/L)	GWC-12	1	n/a	3/16/2021	1ND	No	14	n/a	64.29	n/a	n/a	0.008612	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-15[*GWB-15]	1.2	n/a	3/17/2021	1ND	No	14	n/a	64.29	n/a	n/a	0.008612	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-17	2.718	n/a	3/16/2021	1ND	No	14	0.2368	35.71	Kaplan-Meier	sqrt(x)	0.0008358	Param Intra 1 of 2
Sulfate (mg/L)	GWC-18	5.927	n/a	3/17/2021	3.5	No	14	0.4701	0	None	No	0.0008358	Param Intra 1 of 2
Sulfate (mg/L)	GWC-19	3.003	n/a	3/16/2021	1.9	No	14	0.4348	0	None	No	0.0008358	Param Intra 1 of 2
Sulfate (mg/L)	GWC-20	5.519	n/a	3/16/2021	0.98J	No	14	0.4024	0	None	sqrt(x)	0.0008358	Param Intra 1 of 2
Sulfate (mg/L)	GWC-21	1.925	n/a	3/17/2021	1ND	No	14	0.3353	14.29	None	No	0.0008358	Param Intra 1 of 2
Sulfate (mg/L)	GWC-23	3.792	n/a	3/17/2021	1.8	No	13	0.485	0	None	No	0.0008358	Param Intra 1 of 2
Sulfate (mg/L)	GWC-4A[*GWB-4A]	14.53	n/a	3/17/2021	3.5	No	14	2.873	0	None	No	0.0008358	Param Intra 1 of 2
Sulfate (mg/L)	GWC-5[*GWB-5]	1	n/a	3/17/2021	1ND	No	14	n/a	71.43	n/a	n/a	0.008612	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-9	4.571	n/a	3/17/2021	1ND	No	14	0.2332	28.57	Kaplan-Meier	x^(1/3)	0.0008358	Param Intra 1 of 2

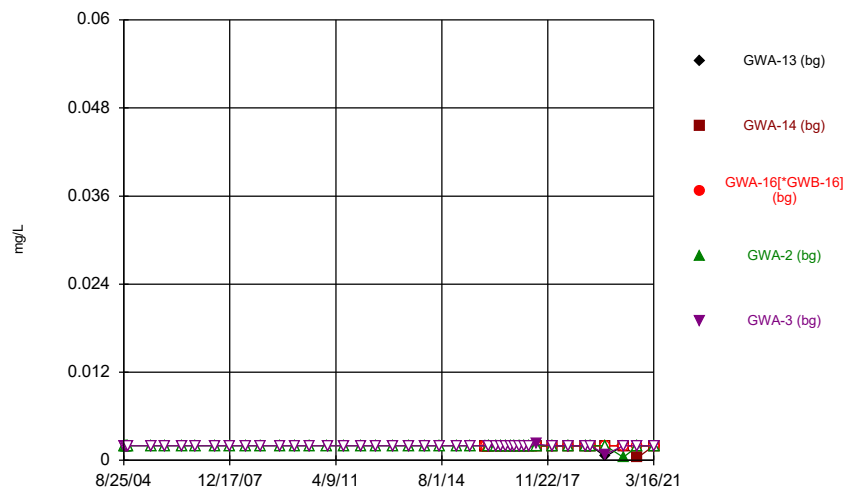
Appendix III Interwell Prediction Limit - All Results (No Significant)

Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR Printed 4/28/2021, 4:34 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bq N	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron (mg/L)	GWC-1	0.08	n/a	3/16/2021	0.08ND	No	170	n/a	90	n/a	n/a	0.00006849	NP Inter (NDs) 1 of 2
Boron (mg/L)	GWC-10	0.08	n/a	3/16/2021	0.045J	No	170	n/a	90	n/a	n/a	0.00006849	NP Inter (NDs) 1 of 2
Boron (mg/L)	GWC-11	0.08	n/a	3/17/2021	0.08ND	No	170	n/a	90	n/a	n/a	0.00006849	NP Inter (NDs) 1 of 2
Boron (mg/L)	GWC-12	0.08	n/a	3/16/2021	0.08ND	No	170	n/a	90	n/a	n/a	0.00006849	NP Inter (NDs) 1 of 2
Boron (mg/L)	GWC-19	0.08	n/a	3/16/2021	0.08ND	No	170	n/a	90	n/a	n/a	0.00006849	NP Inter (NDs) 1 of 2
Boron (mg/L)	GWC-20	0.08	n/a	3/16/2021	0.08ND	No	170	n/a	90	n/a	n/a	0.00006849	NP Inter (NDs) 1 of 2
Boron (mg/L)	GWC-21	0.08	n/a	3/17/2021	0.08ND	No	170	n/a	90	n/a	n/a	0.00006849	NP Inter (NDs) 1 of 2
Boron (mg/L)	GWC-23	0.08	n/a	3/17/2021	0.08ND	No	170	n/a	90	n/a	n/a	0.00006849	NP Inter (NDs) 1 of 2
Boron (mg/L)	GWC-9	0.08	n/a	3/17/2021	0.08ND	No	170	n/a	90	n/a	n/a	0.00006849	NP Inter (NDs) 1 of 2
Calcium (mg/L)	GWC-1	33.2	n/a	3/16/2021	1.6	No	171	n/a	0	n/a	n/a	0.0000677	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-10	33.2	n/a	3/16/2021	18	No	171	n/a	0	n/a	n/a	0.0000677	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-11	33.2	n/a	3/17/2021	14	No	171	n/a	0	n/a	n/a	0.0000677	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-12	33.2	n/a	3/16/2021	0.62	No	171	n/a	0	n/a	n/a	0.0000677	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-19	33.2	n/a	3/16/2021	7	No	171	n/a	0	n/a	n/a	0.0000677	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-20	33.2	n/a	3/16/2021	1.4	No	171	n/a	0	n/a	n/a	0.0000677	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-21	33.2	n/a	3/17/2021	1.1	No	171	n/a	0	n/a	n/a	0.0000677	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-23	33.2	n/a	3/17/2021	0.99	No	171	n/a	0	n/a	n/a	0.0000677	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-9	33.2	n/a	3/17/2021	0.51	No	171	n/a	0	n/a	n/a	0.0000677	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-1	18	n/a	3/16/2021	5.8	No	170	n/a	0	n/a	n/a	0.00006849	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-10	18	n/a	3/16/2021	7.2	No	170	n/a	0	n/a	n/a	0.00006849	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-11	18	n/a	3/17/2021	4.6	No	170	n/a	0	n/a	n/a	0.00006849	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-12	18	n/a	3/16/2021	3.8	No	170	n/a	0	n/a	n/a	0.00006849	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-19	18	n/a	3/16/2021	6.5	No	170	n/a	0	n/a	n/a	0.00006849	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-20	18	n/a	3/16/2021	8	No	170	n/a	0	n/a	n/a	0.00006849	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-21	18	n/a	3/17/2021	6.7	No	170	n/a	0	n/a	n/a	0.00006849	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-23	18	n/a	3/17/2021	5.5	No	170	n/a	0	n/a	n/a	0.00006849	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-9	18	n/a	3/17/2021	9.5	No	170	n/a	0	n/a	n/a	0.00006849	NP Inter (normality) 1 of 2
Fluoride (mg/L)	GWC-1	0.74	n/a	3/16/2021	0.1ND	No	171	n/a	64.91	n/a	n/a	0.0000677	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	GWC-10	0.74	n/a	3/16/2021	0.18	No	171	n/a	64.91	n/a	n/a	0.0000677	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	GWC-11	0.74	n/a	3/17/2021	0.28	No	171	n/a	64.91	n/a	n/a	0.0000677	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	GWC-12	0.74	n/a	3/16/2021	0.1ND	No	171	n/a	64.91	n/a	n/a	0.0000677	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	GWC-19	0.74	n/a	3/16/2021	0.092J	No	171	n/a	64.91	n/a	n/a	0.0000677	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	GWC-20	0.74	n/a	3/16/2021	0.04J	No	171	n/a	64.91	n/a	n/a	0.0000677	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	GWC-21	0.74	n/a	3/17/2021	0.1ND	No	171	n/a	64.91	n/a	n/a	0.0000677	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	GWC-23	0.74	n/a	3/17/2021	0.1ND	No	171	n/a	64.91	n/a	n/a	0.0000677	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	GWC-9	0.74	n/a	3/17/2021	0.035J	No	171	n/a	64.91	n/a	n/a	0.0000677	NP Inter (NDs) 1 of 2
pH (S.U.)	GWC-1	7.1	4.21	3/16/2021	4.89	No	190	n/a	0	n/a	n/a	0.0001097	NP Inter (normality) 1 of 2
pH (S.U.)	GWC-10	7.1	4.21	3/16/2021	6.48	No	190	n/a	0	n/a	n/a	0.0001097	NP Inter (normality) 1 of 2
pH (S.U.)	GWC-11	7.1	4.21	3/17/2021	6.58	No	190	n/a	0	n/a	n/a	0.0001097	NP Inter (normality) 1 of 2
pH (S.U.)	GWC-12	7.1	4.21	3/16/2021	4.97	No	190	n/a	0	n/a	n/a	0.0001097	NP Inter (normality) 1 of 2
pH (S.U.)	GWC-19	7.1	4.21	3/16/2021	5.45	No	190	n/a	0	n/a	n/a	0.0001097	NP Inter (normality) 1 of 2
pH (S.U.)	GWC-20	7.1	4.21	3/16/2021	4.78	No	190	n/a	0	n/a	n/a	0.0001097	NP Inter (normality) 1 of 2
pH (S.U.)	GWC-21	7.1	4.21	3/17/2021	4.8	No	190	n/a	0	n/a	n/a	0.0001097	NP Inter (normality) 1 of 2
pH (S.U.)	GWC-23	7.1	4.21	3/17/2021	4.97	No	190	n/a	0	n/a	n/a	0.0001097	NP Inter (normality) 1 of 2
pH (S.U.)	GWC-9	7.1	4.21	3/17/2021	4.69	No	190	n/a	0	n/a	n/a	0.0001097	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	GWC-1	150	n/a	3/16/2021	29	No	170	n/a	11.76	n/a	n/a	0.00006849	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	GWC-10	150	n/a	3/16/2021	130	No	170	n/a	11.76	n/a	n/a	0.00006849	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	GWC-11	150	n/a	3/17/2021	81	No	170	n/a	11.76	n/a	n/a	0.00006849	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	GWC-12	150	n/a	3/16/2021	19	No	170	n/a	11.76	n/a	n/a	0.00006849	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	GWC-19	150	n/a	3/16/2021	65	No	170	n/a	11.76	n/a	n/a	0.00006849	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	GWC-20	150	n/a	3/16/2021	37	No	170	n/a	11.76	n/a	n/a	0.00006849	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	GWC-21	150	n/a	3/17/2021	24	No	170	n/a	11.76	n/a	n/a	0.00006849	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	GWC-23	150	n/a	3/17/2021	24	No	170	n/a	11.76	n/a	n/a	0.00006849	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	GWC-9	150	n/a	3/17/2021	40	No	170	n/a	11.76	n/a	n/a	0.00006849	NP Inter (normality) 1 of 2

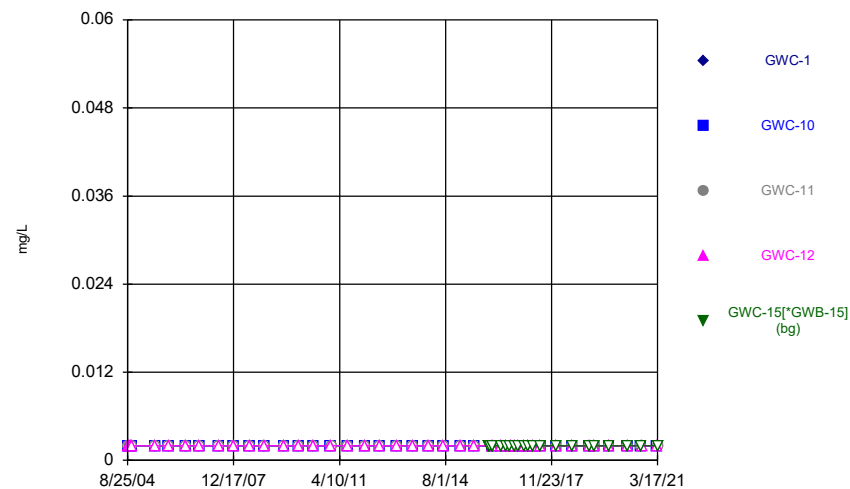
FIGURE A.

Time Series



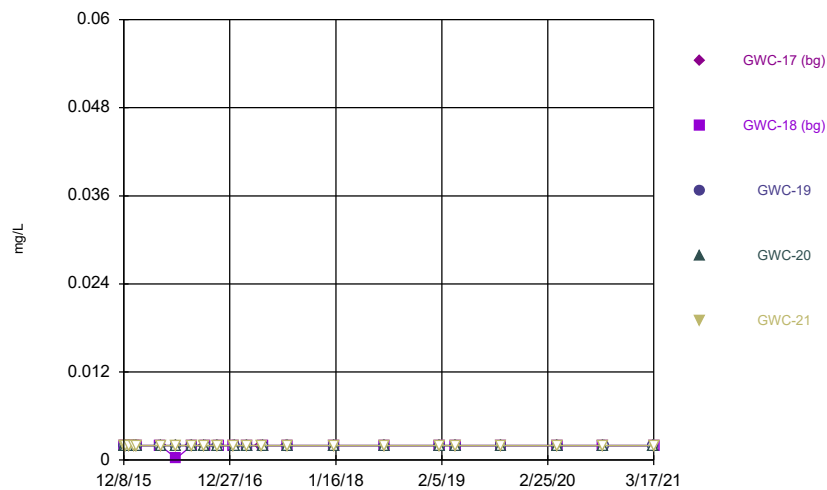
Constituent: Antimony Analysis Run 4/27/2021 11:38 AM View: Constituents View
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Time Series



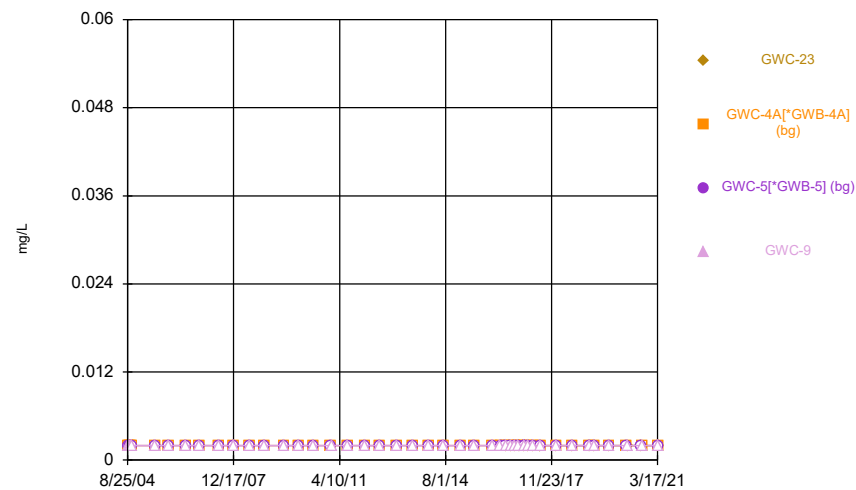
Constituent: Antimony Analysis Run 4/27/2021 11:38 AM View: Constituents View
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Time Series



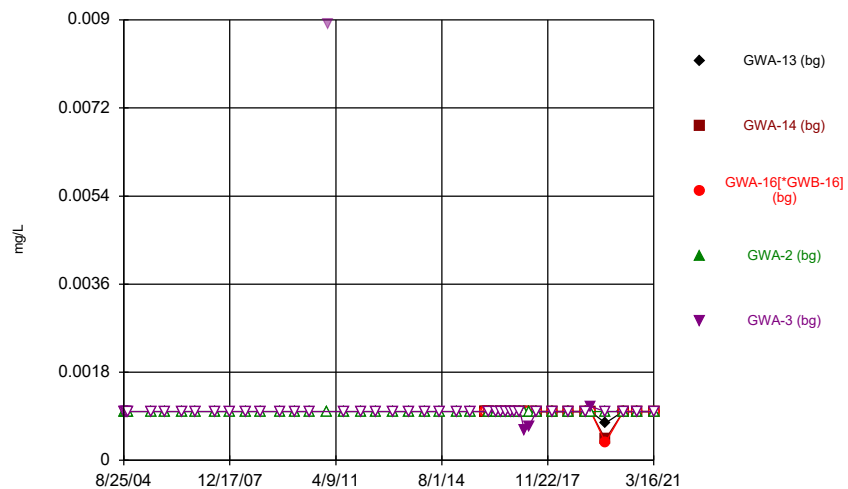
Constituent: Antimony Analysis Run 4/27/2021 11:38 AM View: Constituents View
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Time Series



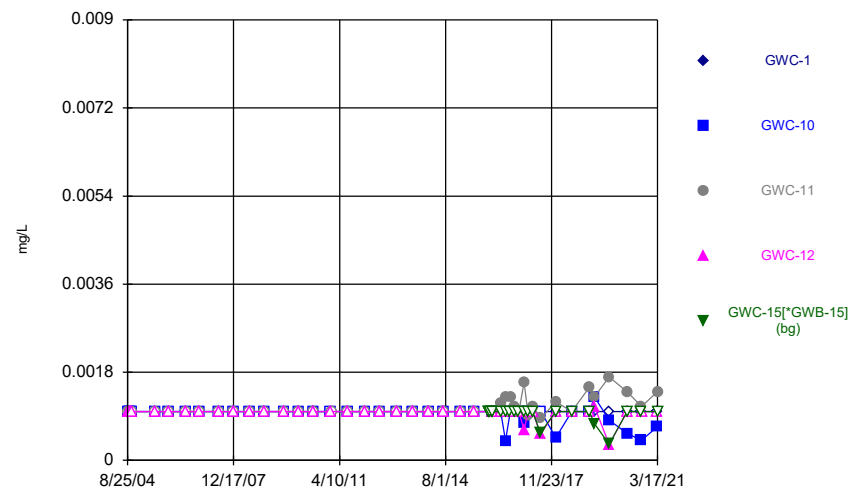
Constituent: Antimony Analysis Run 4/27/2021 11:38 AM View: Constituents View
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Time Series



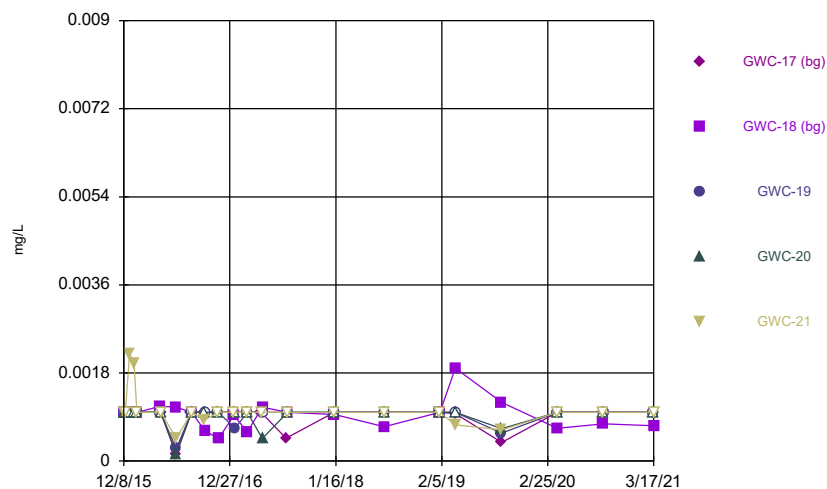
Constituent: Arsenic Analysis Run 4/27/2021 11:39 AM View: Constituents View
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Time Series



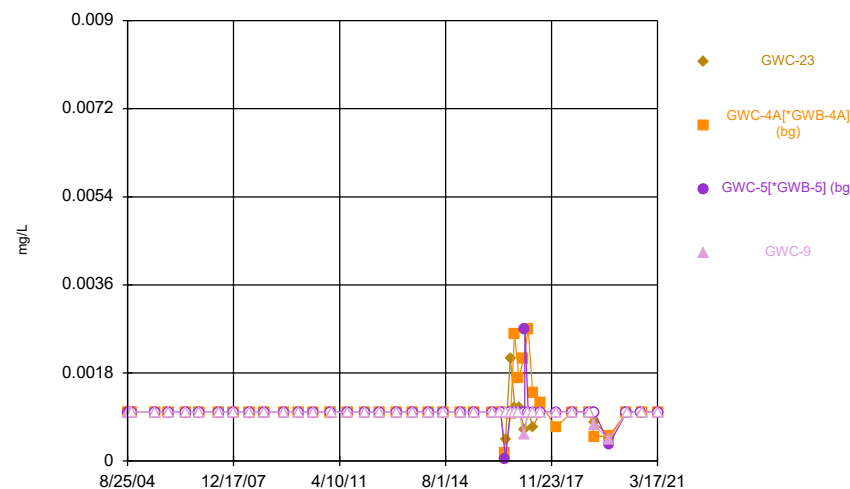
Constituent: Arsenic Analysis Run 4/27/2021 11:39 AM View: Constituents View
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Time Series



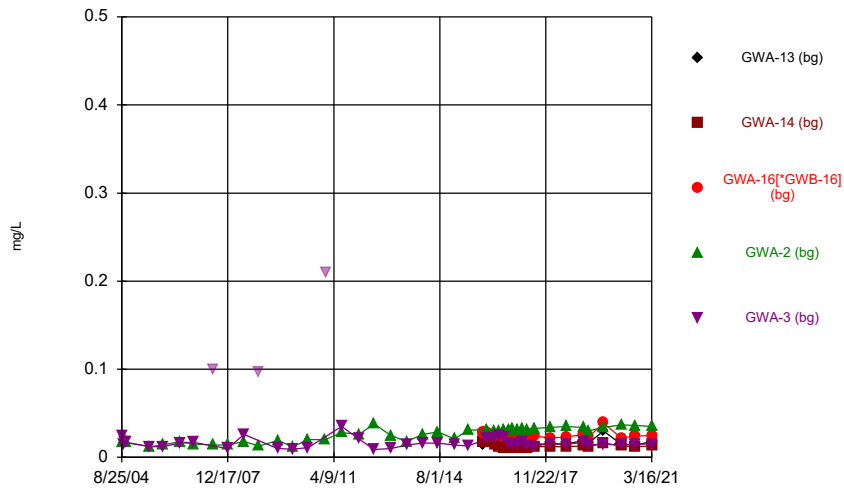
Constituent: Arsenic Analysis Run 4/27/2021 11:39 AM View: Constituents View
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Time Series



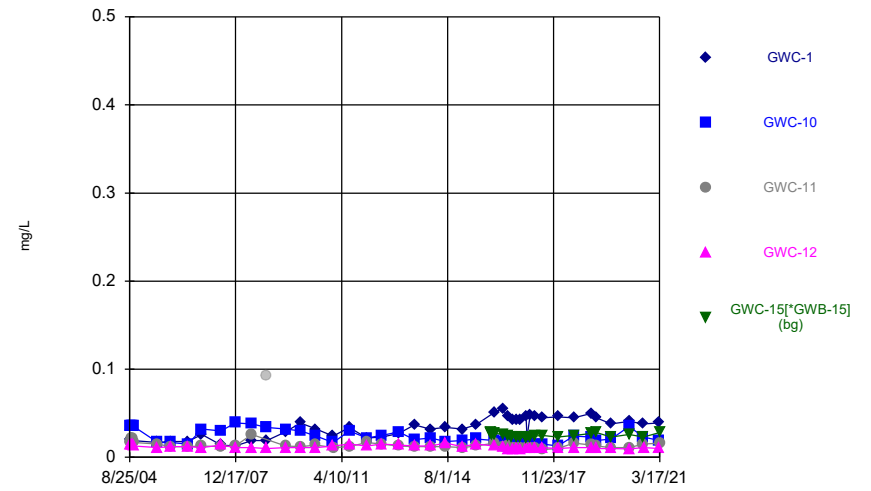
Constituent: Arsenic Analysis Run 4/27/2021 11:39 AM View: Constituents View
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Time Series



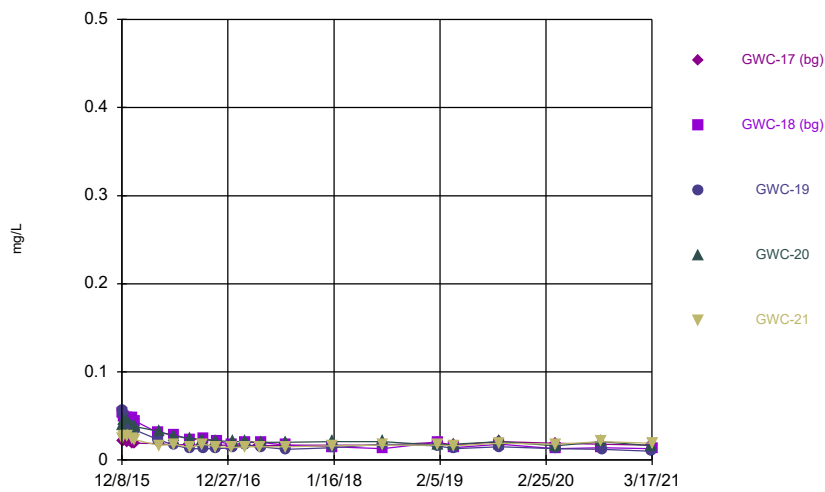
Constituent: Barium Analysis Run 4/27/2021 11:39 AM View: Constituents View
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Time Series



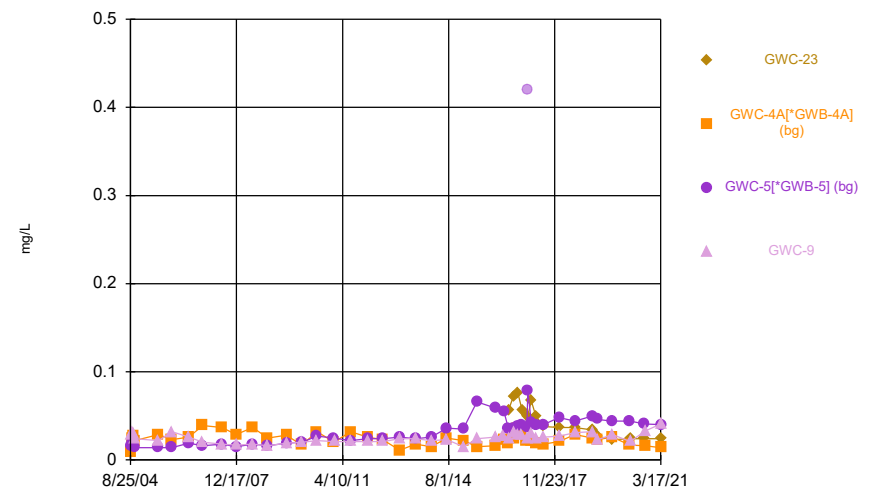
Constituent: Barium Analysis Run 4/27/2021 11:39 AM View: Constituents View
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Time Series



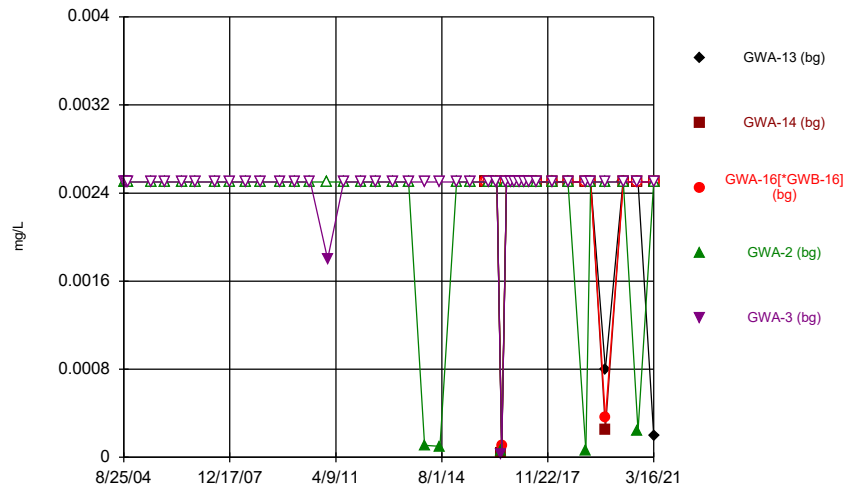
Constituent: Barium Analysis Run 4/27/2021 11:39 AM View: Constituents View
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Time Series



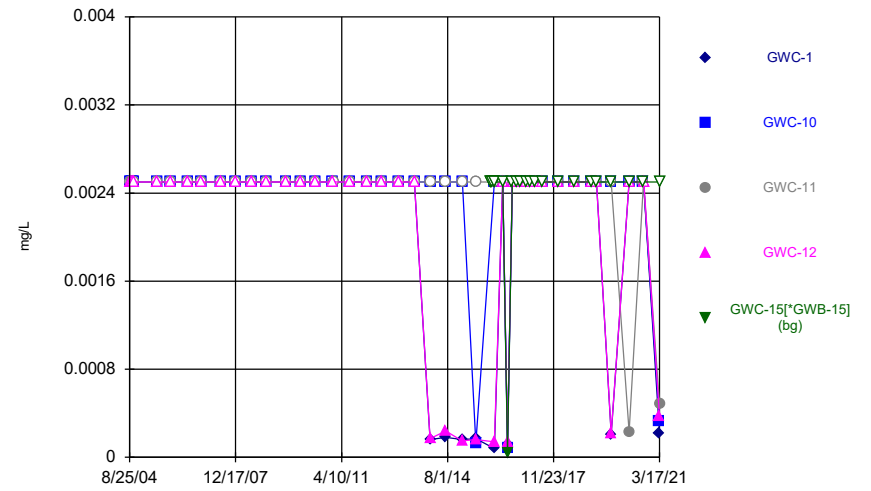
Constituent: Barium Analysis Run 4/27/2021 11:39 AM View: Constituents View
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Time Series



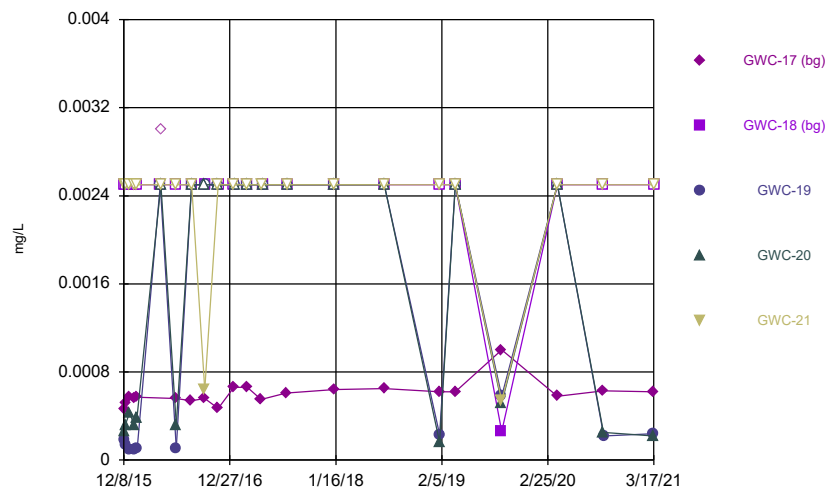
Constituent: Beryllium Analysis Run 4/27/2021 11:39 AM View: Constituents View
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Time Series



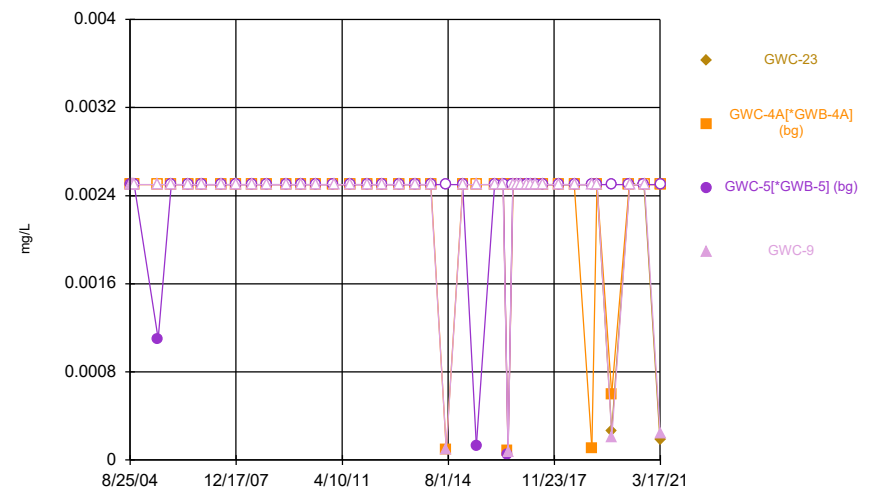
Constituent: Beryllium Analysis Run 4/27/2021 11:39 AM View: Constituents View
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Time Series



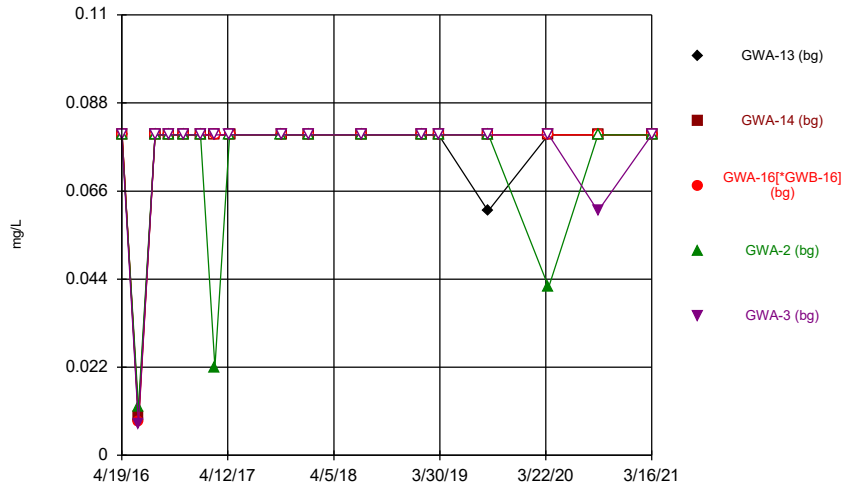
Constituent: Beryllium Analysis Run 4/27/2021 11:39 AM View: Constituents View
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Time Series



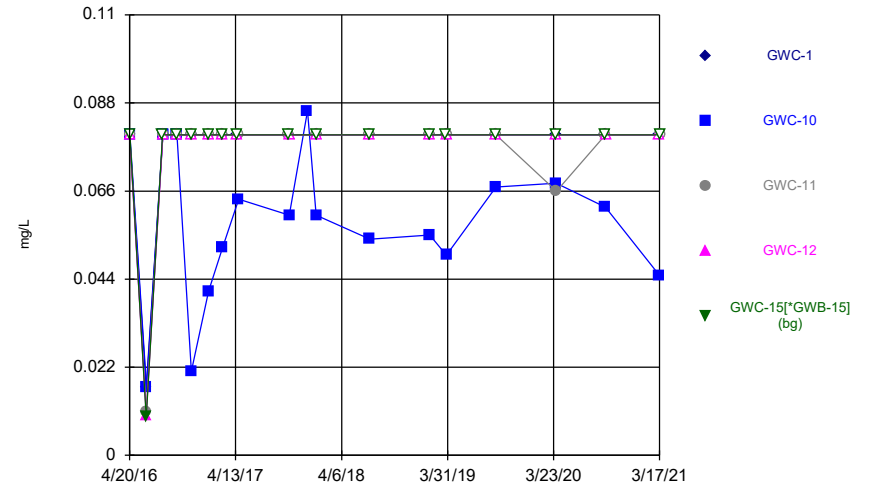
Constituent: Beryllium Analysis Run 4/27/2021 11:39 AM View: Constituents View
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Time Series



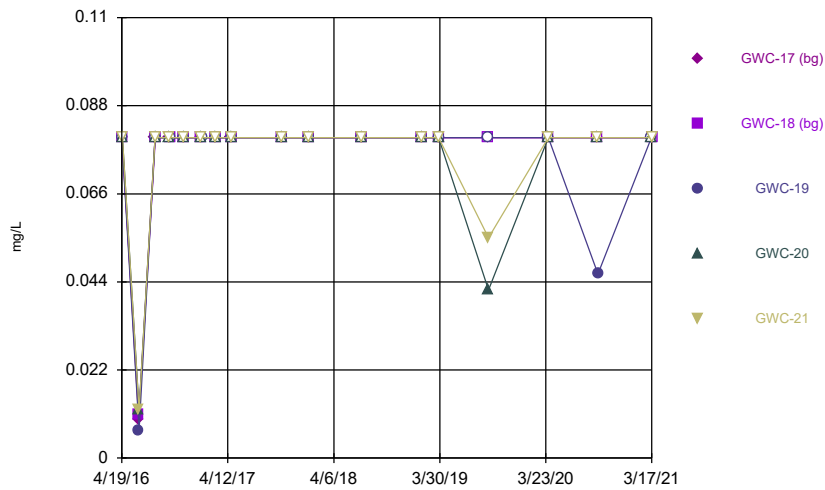
Constituent: Boron Analysis Run 4/27/2021 11:39 AM View: Constituents View
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Time Series



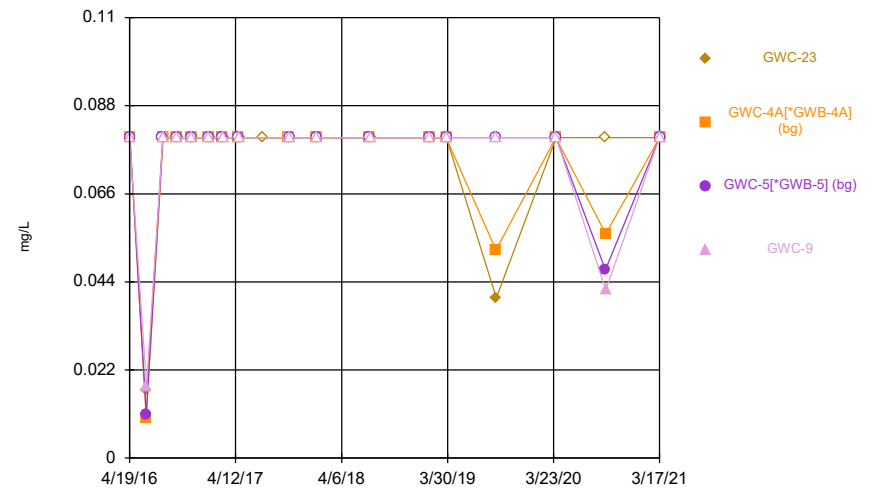
Constituent: Boron Analysis Run 4/27/2021 11:39 AM View: Constituents View
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Time Series



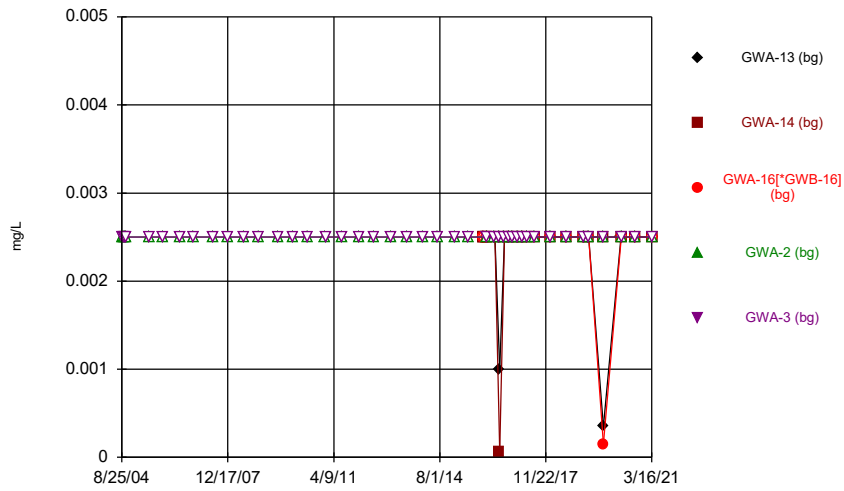
Constituent: Boron Analysis Run 4/27/2021 11:39 AM View: Constituents View
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Time Series



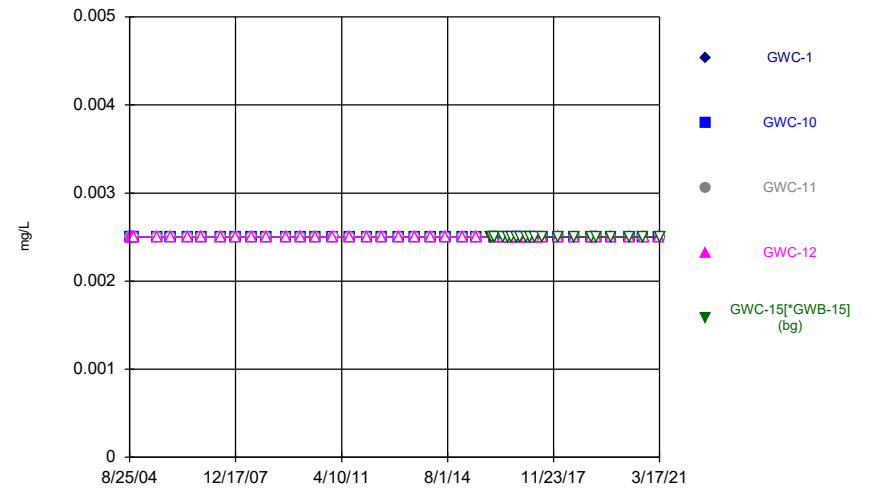
Constituent: Boron Analysis Run 4/27/2021 11:39 AM View: Constituents View
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Time Series



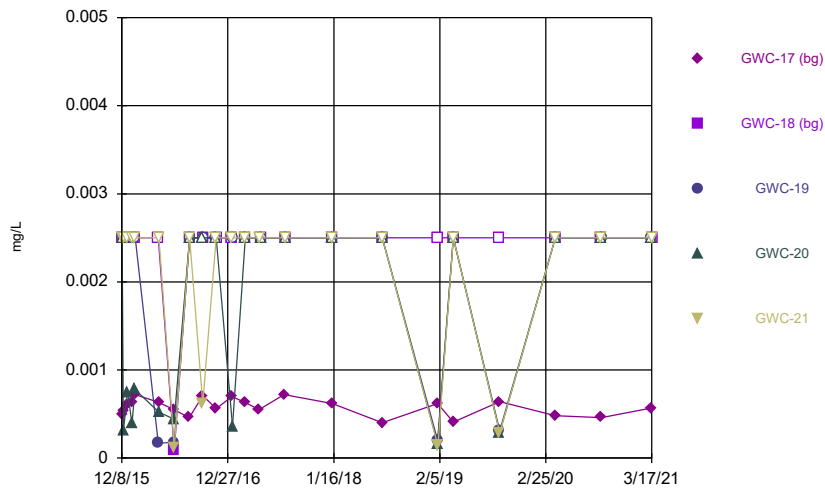
Constituent: Cadmium Analysis Run 4/27/2021 11:39 AM View: Constituents View
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Time Series



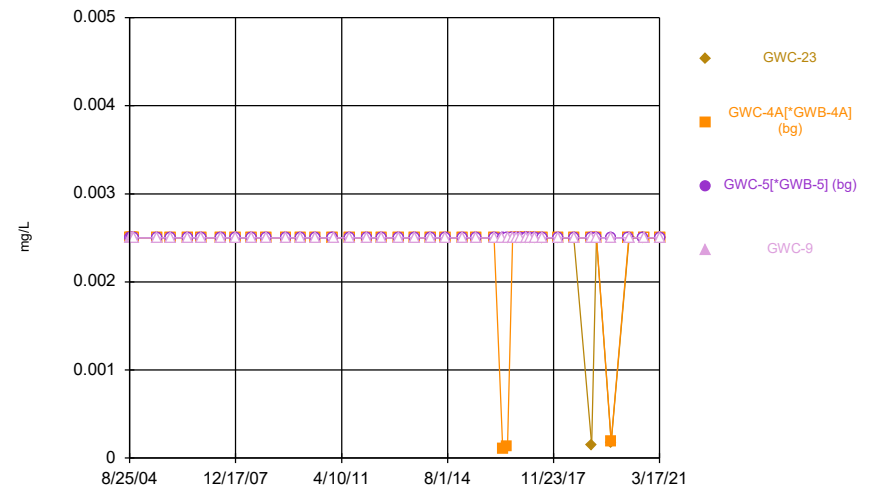
Constituent: Cadmium Analysis Run 4/27/2021 11:39 AM View: Constituents View
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Time Series



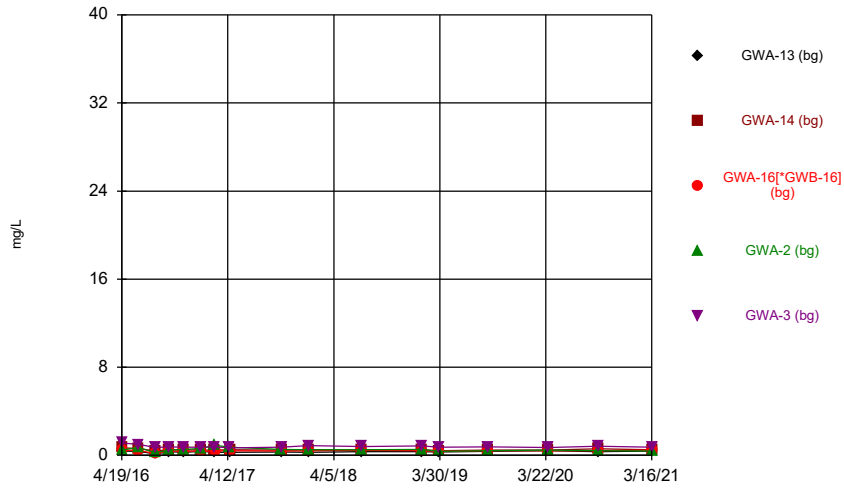
Constituent: Cadmium Analysis Run 4/27/2021 11:39 AM View: Constituents View
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Time Series



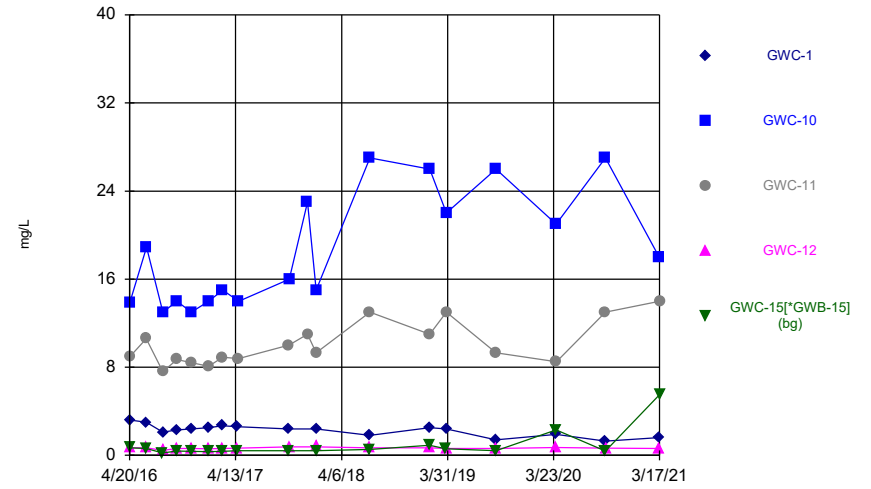
Constituent: Cadmium Analysis Run 4/27/2021 11:39 AM View: Constituents View
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Time Series



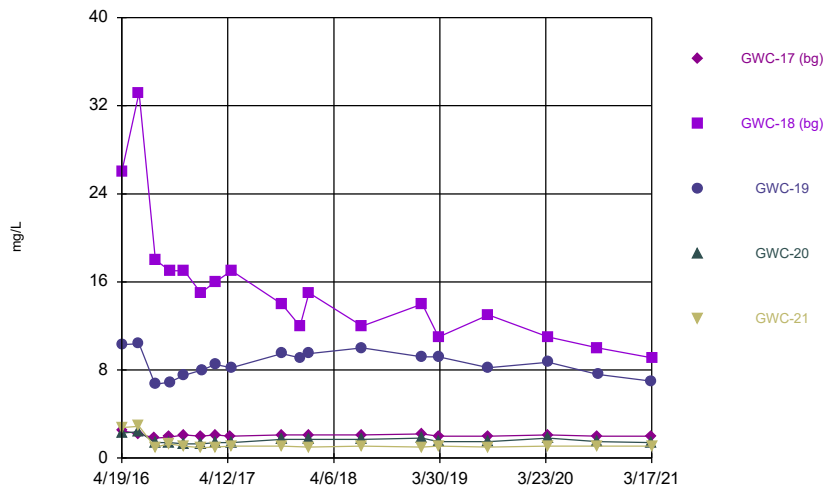
Constituent: Calcium Analysis Run 4/27/2021 11:39 AM View: Constituents View
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Time Series



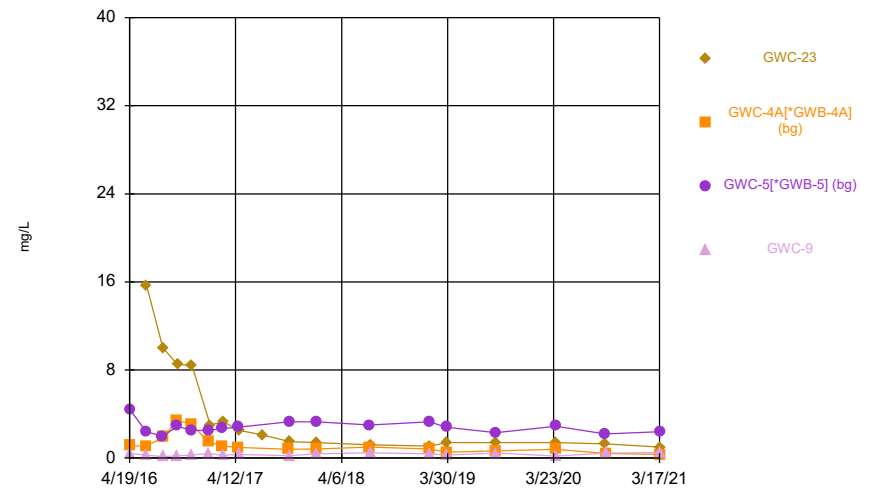
Constituent: Calcium Analysis Run 4/27/2021 11:39 AM View: Constituents View
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Time Series



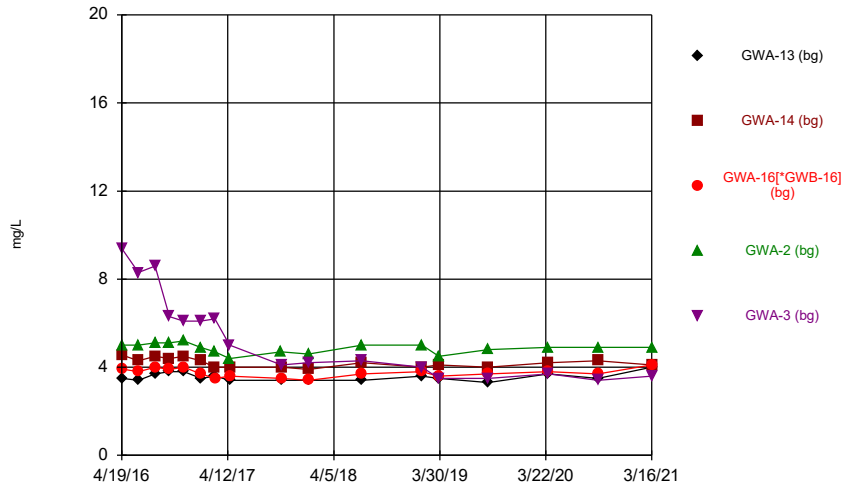
Constituent: Calcium Analysis Run 4/27/2021 11:39 AM View: Constituents View
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Time Series



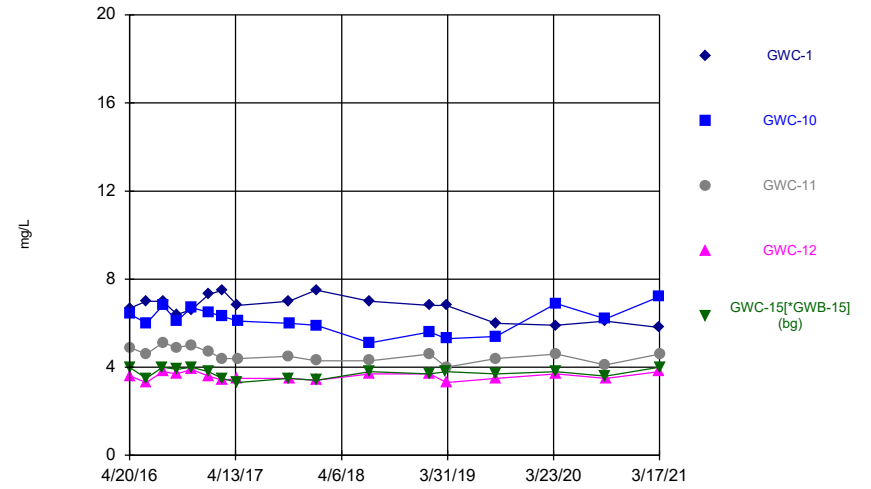
Constituent: Calcium Analysis Run 4/27/2021 11:39 AM View: Constituents View
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Time Series



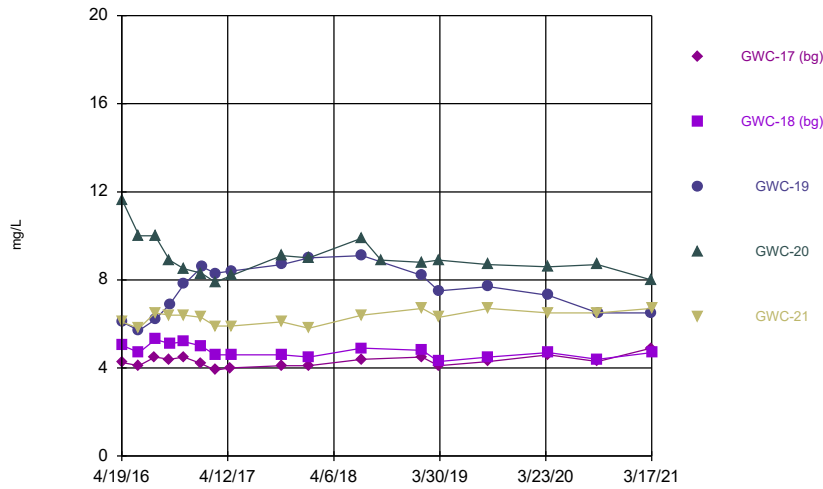
Constituent: Chloride Analysis Run 4/27/2021 11:39 AM View: Constituents View
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Time Series



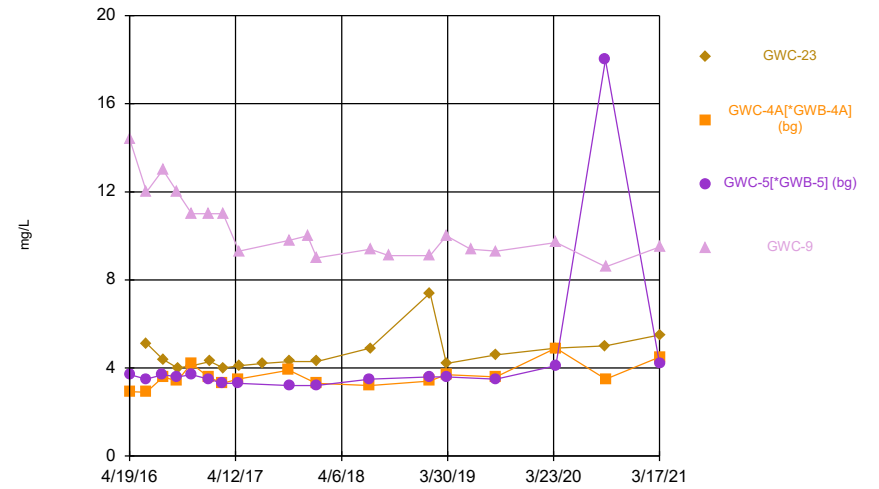
Constituent: Chloride Analysis Run 4/27/2021 11:39 AM View: Constituents View
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Time Series



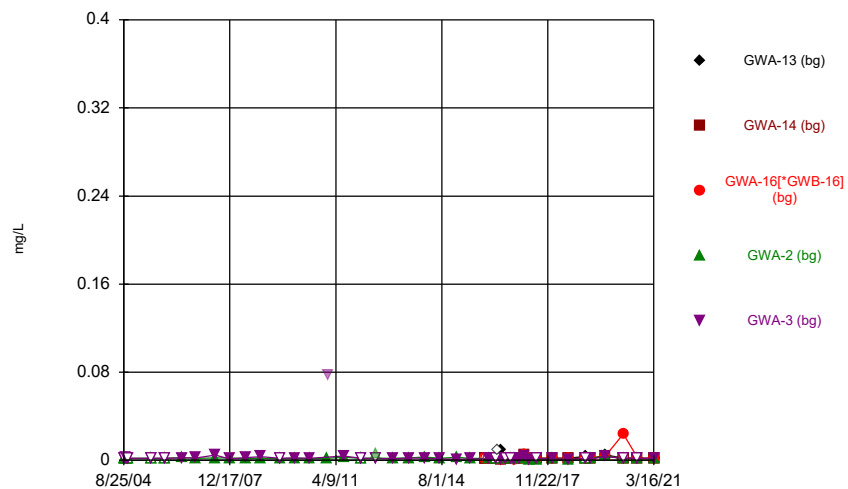
Constituent: Chloride Analysis Run 4/27/2021 11:39 AM View: Constituents View
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Time Series



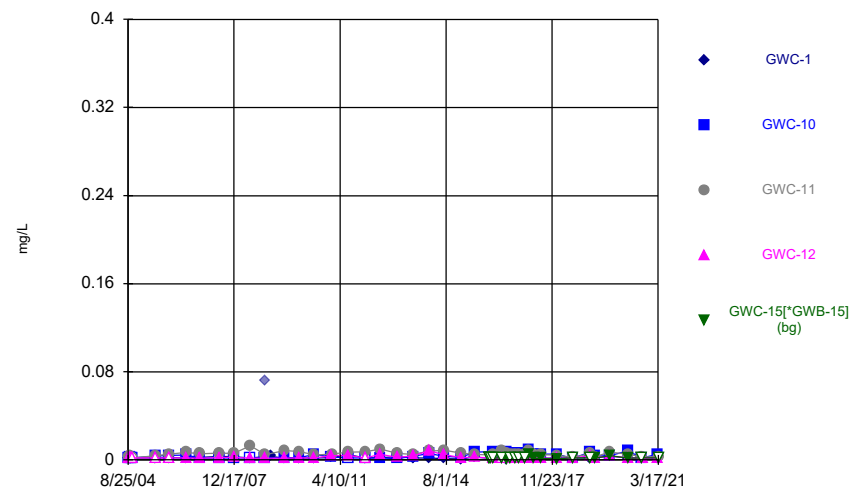
Constituent: Chloride Analysis Run 4/27/2021 11:39 AM View: Constituents View
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Time Series



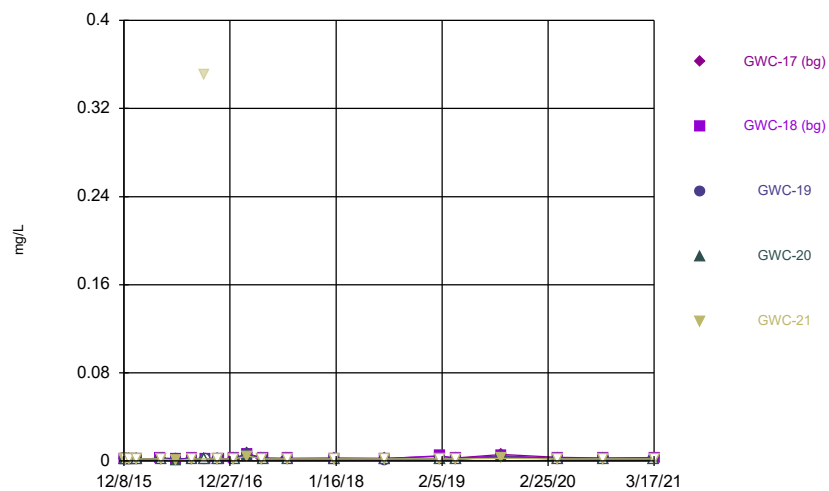
Constituent: Chromium Analysis Run 4/27/2021 11:39 AM View: Constituents View
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Time Series



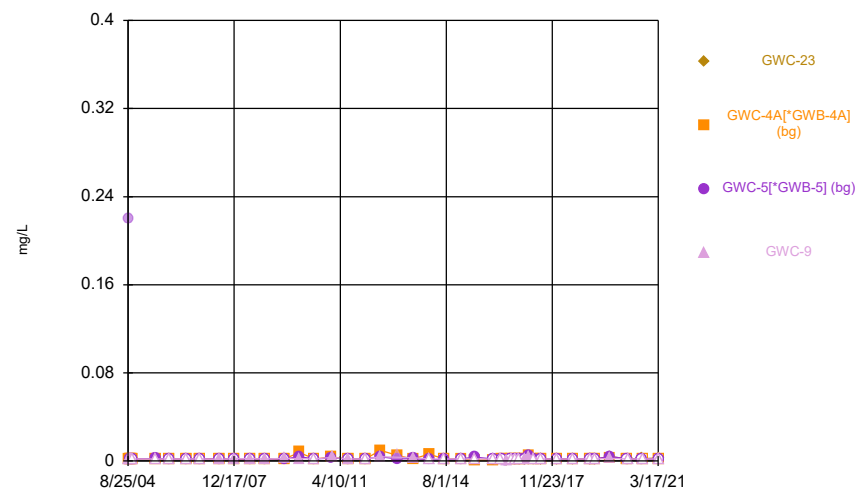
Constituent: Chromium Analysis Run 4/27/2021 11:39 AM View: Constituents View
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Time Series



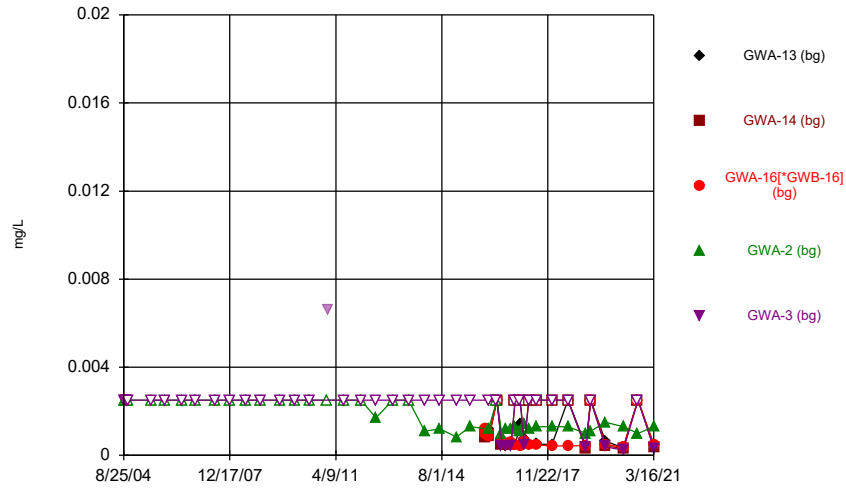
Constituent: Chromium Analysis Run 4/27/2021 11:39 AM View: Constituents View
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Time Series



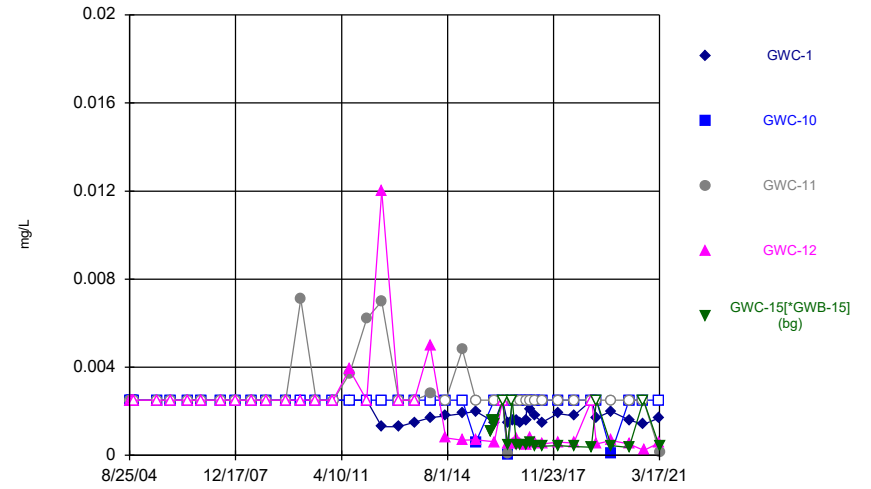
Constituent: Chromium Analysis Run 4/27/2021 11:39 AM View: Constituents View
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Time Series



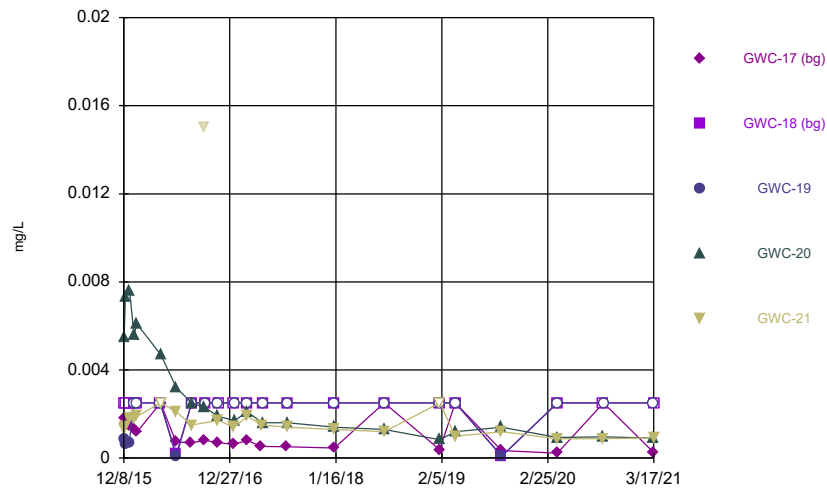
Constituent: Cobalt Analysis Run 4/27/2021 11:40 AM View: Constituents View
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Time Series



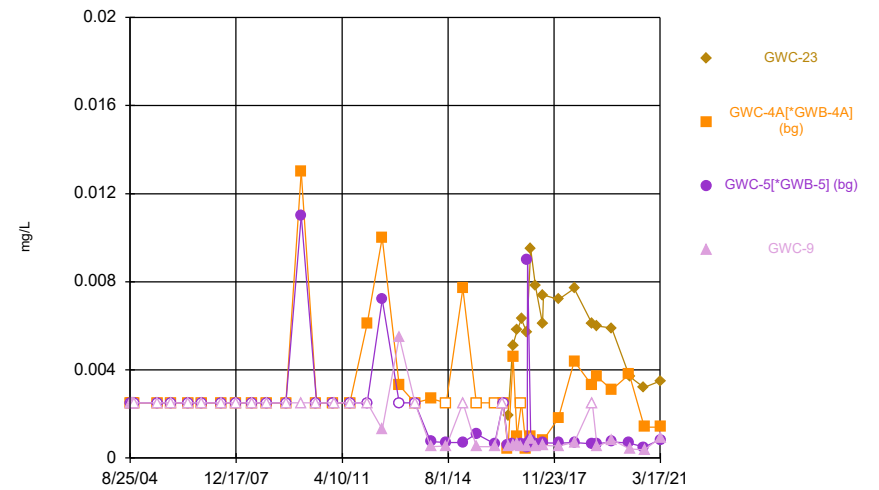
Constituent: Cobalt Analysis Run 4/27/2021 11:40 AM View: Constituents View
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Time Series



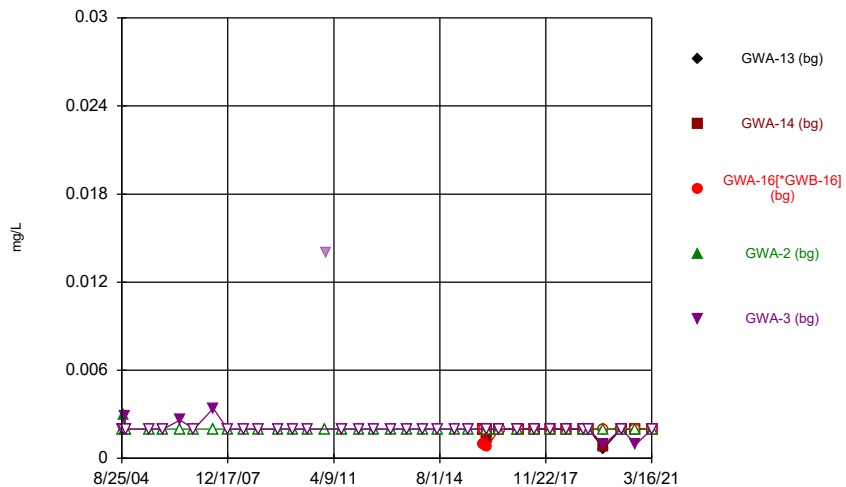
Constituent: Cobalt Analysis Run 4/27/2021 11:40 AM View: Constituents View
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Time Series



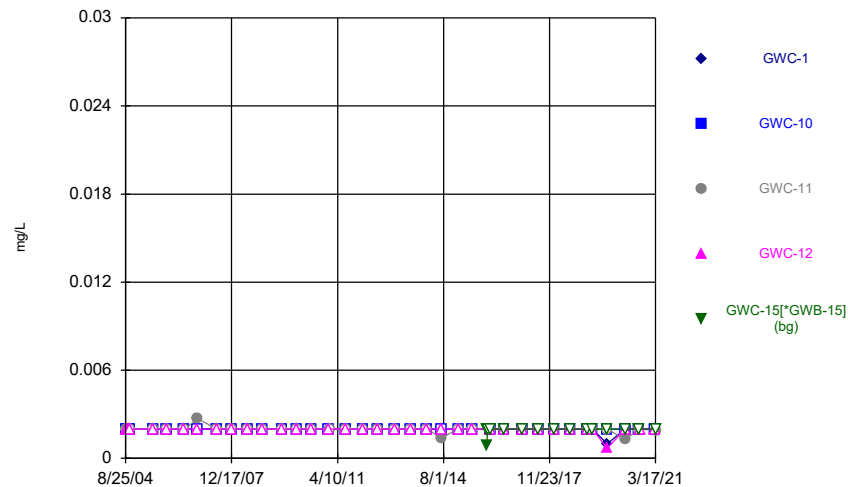
Constituent: Cobalt Analysis Run 4/27/2021 11:40 AM View: Constituents View
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Time Series



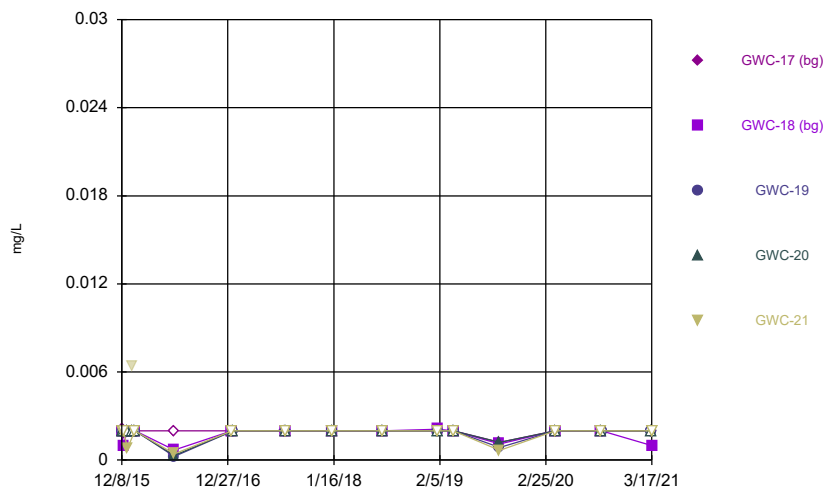
Constituent: Copper Analysis Run 4/27/2021 11:40 AM View: Constituents View
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Time Series



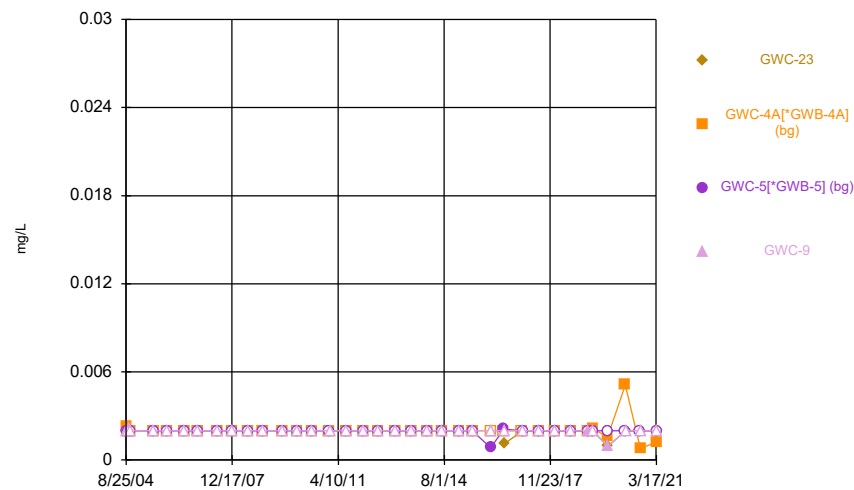
Constituent: Copper Analysis Run 4/27/2021 11:40 AM View: Constituents View
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Time Series



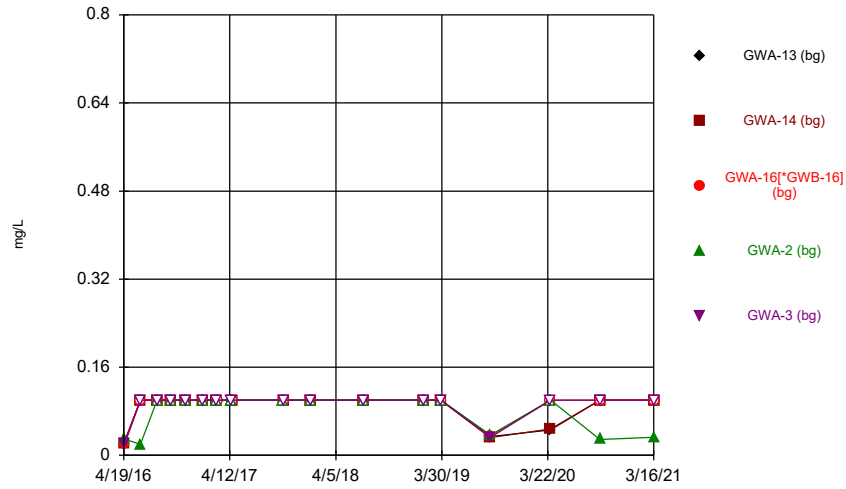
Constituent: Copper Analysis Run 4/27/2021 11:40 AM View: Constituents View
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Time Series



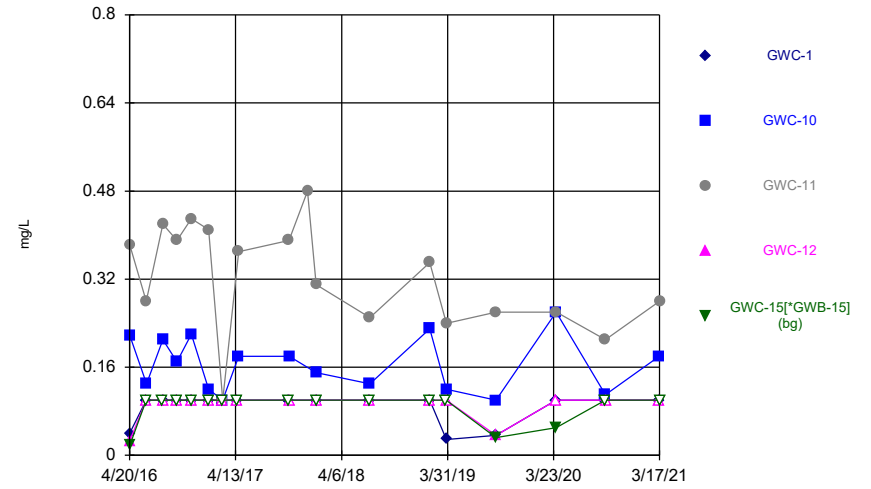
Constituent: Copper Analysis Run 4/27/2021 11:40 AM View: Constituents View
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Time Series



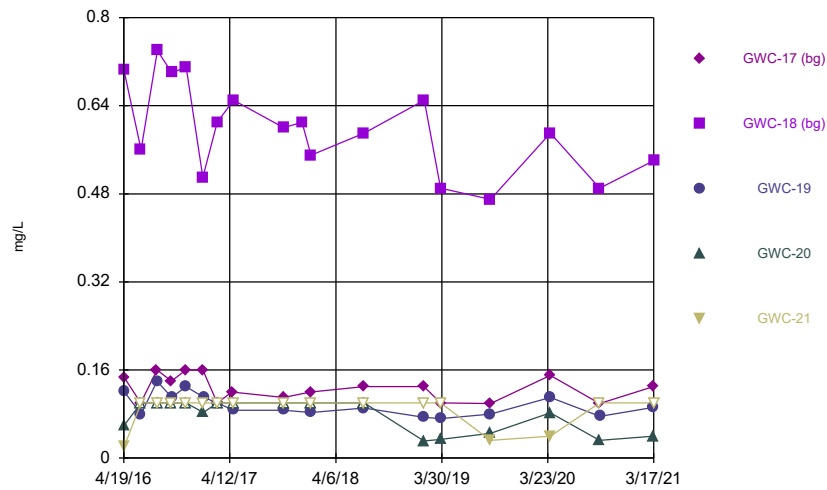
Constituent: Fluoride Analysis Run 4/27/2021 11:40 AM View: Constituents View
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Time Series



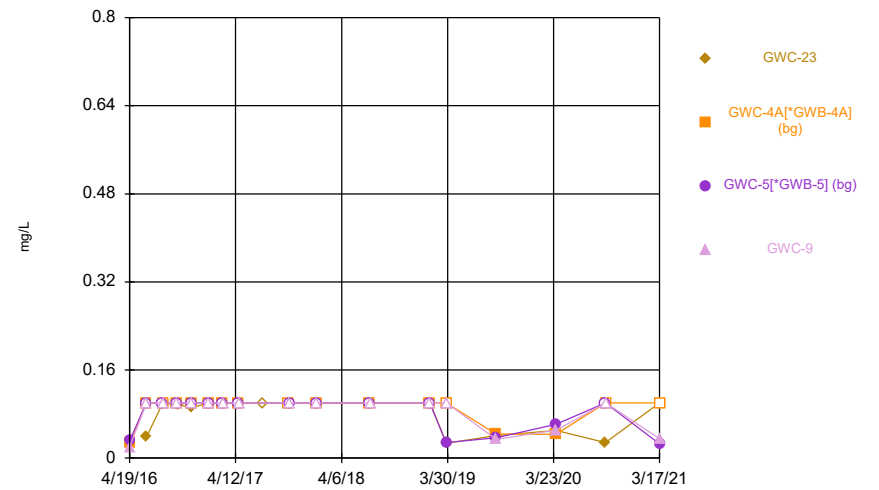
Constituent: Fluoride Analysis Run 4/27/2021 11:40 AM View: Constituents View
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Time Series



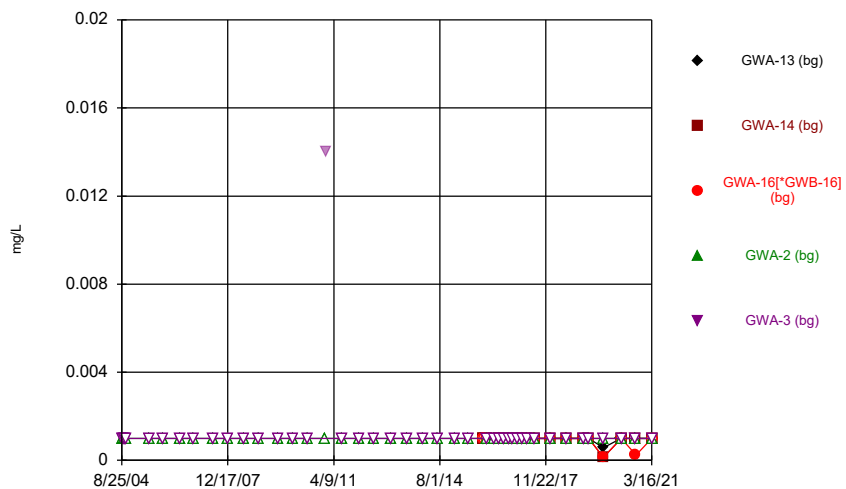
Constituent: Fluoride Analysis Run 4/27/2021 11:40 AM View: Constituents View
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Time Series



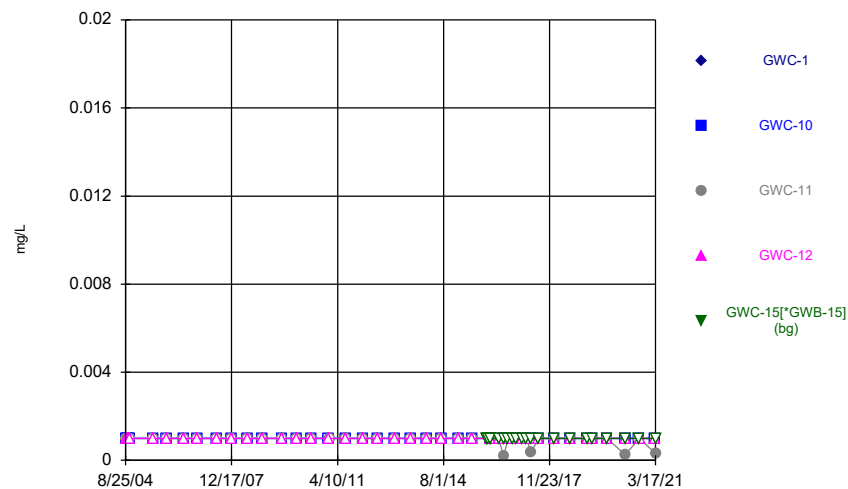
Constituent: Fluoride Analysis Run 4/27/2021 11:40 AM View: Constituents View
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Time Series



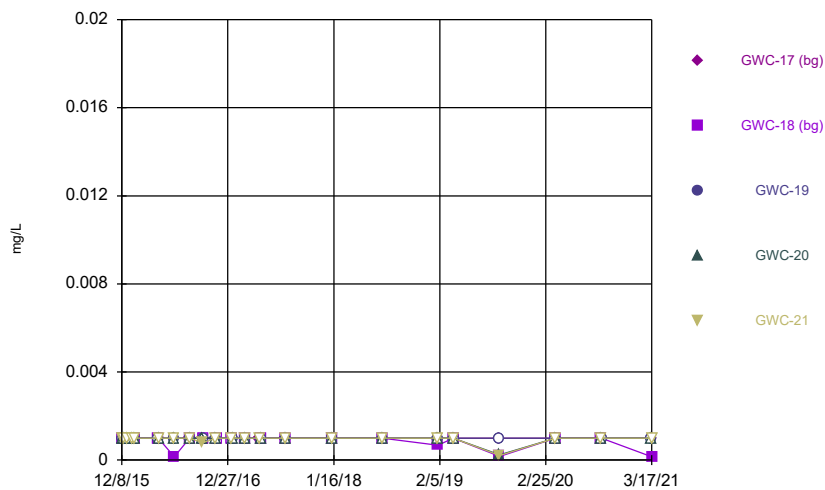
Constituent: Lead Analysis Run 4/27/2021 11:40 AM View: Constituents View
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Time Series



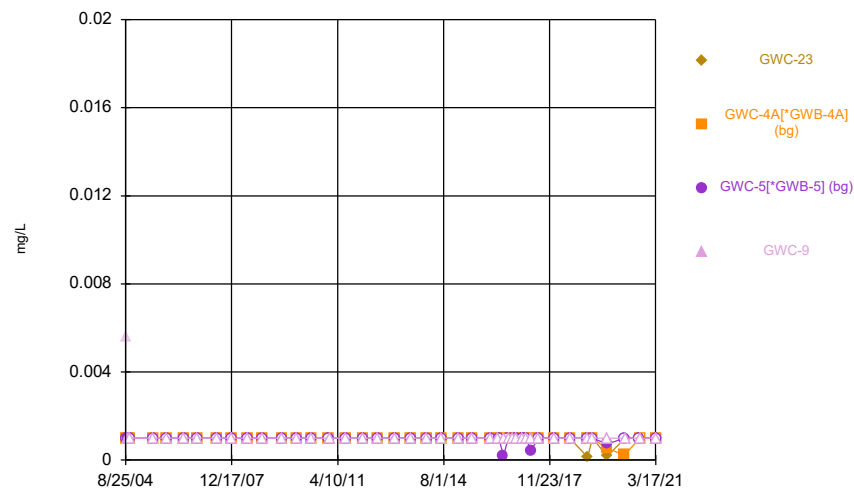
Constituent: Lead Analysis Run 4/27/2021 11:40 AM View: Constituents View
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Time Series



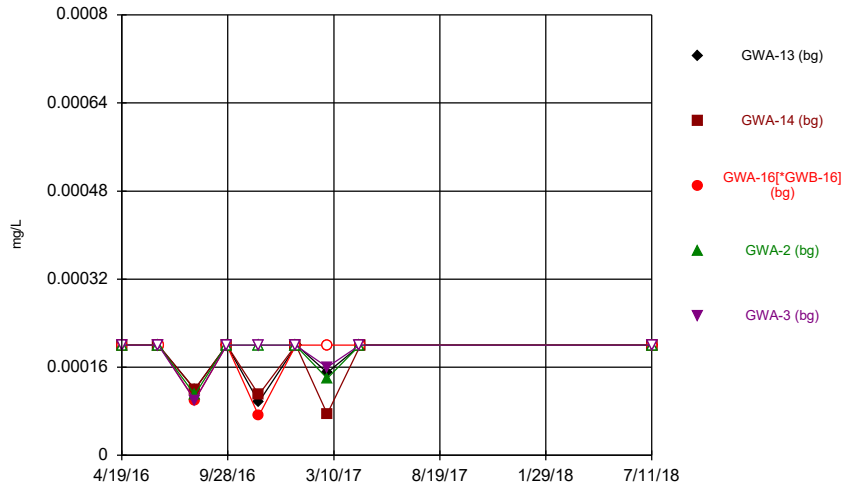
Constituent: Lead Analysis Run 4/27/2021 11:40 AM View: Constituents View
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Time Series



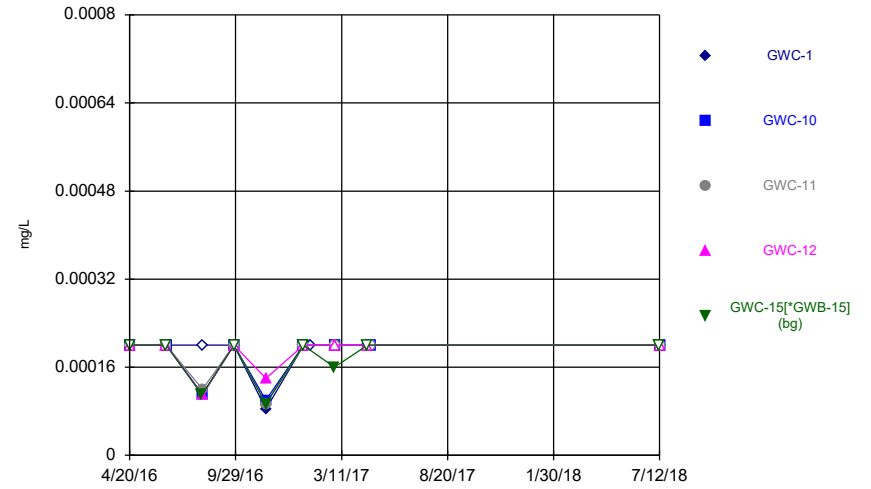
Constituent: Lead Analysis Run 4/27/2021 11:40 AM View: Constituents View
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Time Series



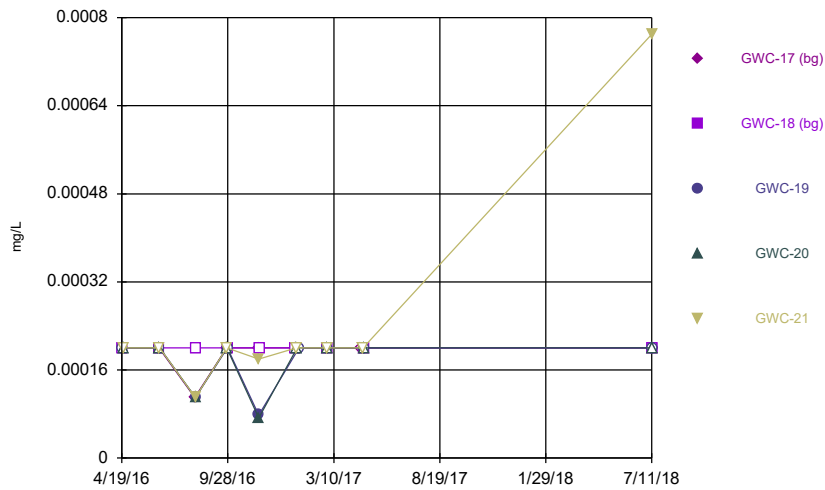
Constituent: Mercury Analysis Run 4/27/2021 11:40 AM View: Constituents View
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Time Series



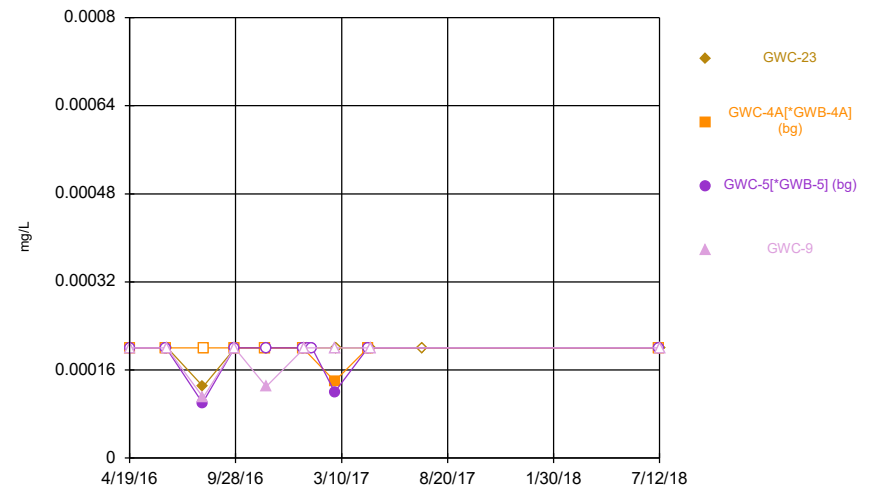
Constituent: Mercury Analysis Run 4/27/2021 11:40 AM View: Constituents View
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Time Series



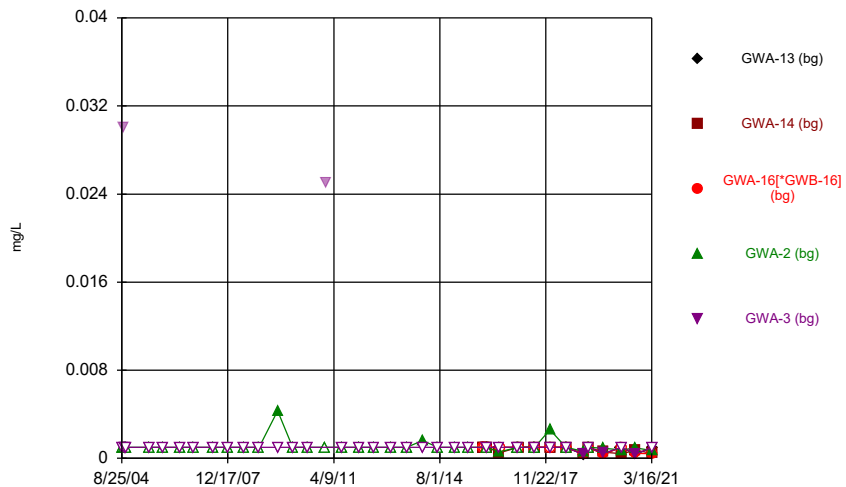
Constituent: Mercury Analysis Run 4/27/2021 11:40 AM View: Constituents View
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Time Series



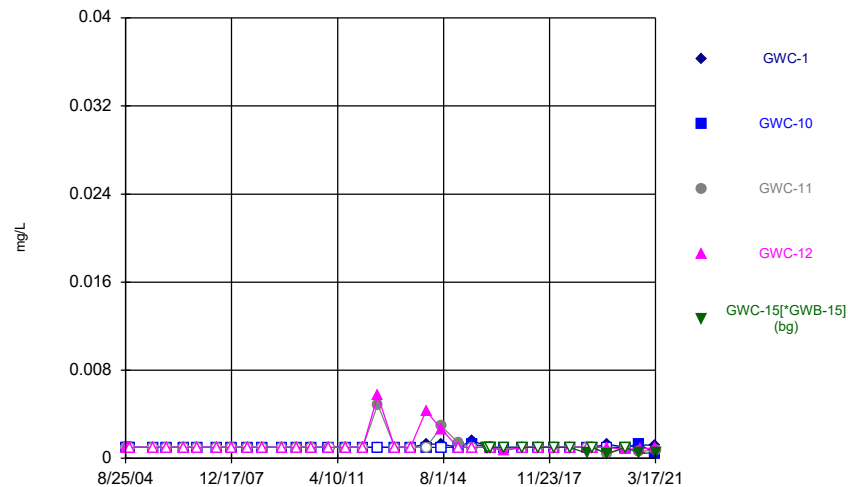
Constituent: Mercury Analysis Run 4/27/2021 11:40 AM View: Constituents View
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Time Series



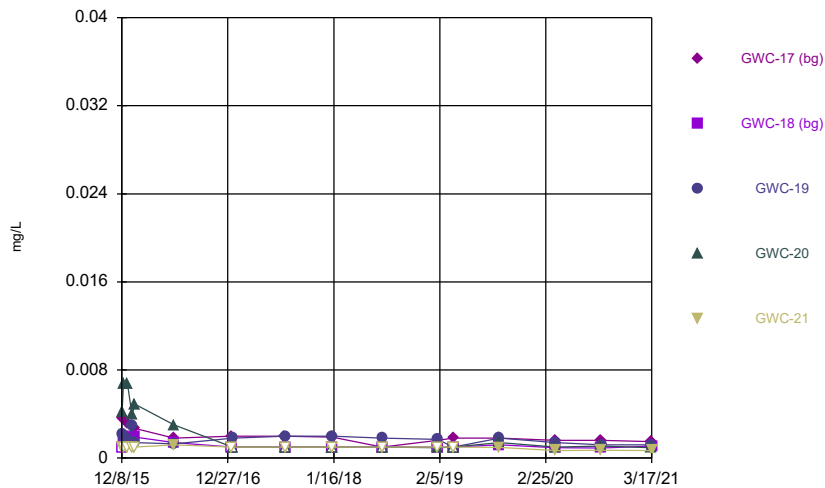
Constituent: Nickel Analysis Run 4/27/2021 11:40 AM View: Constituents View
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Time Series



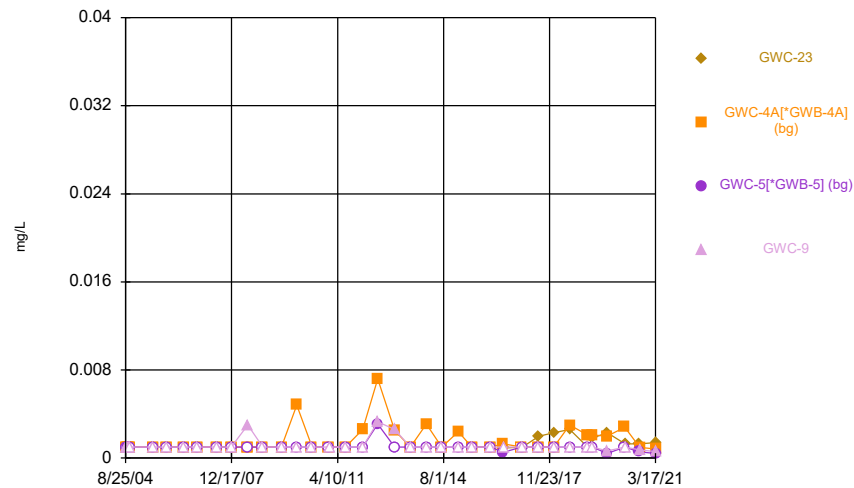
Constituent: Nickel Analysis Run 4/27/2021 11:40 AM View: Constituents View
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Time Series



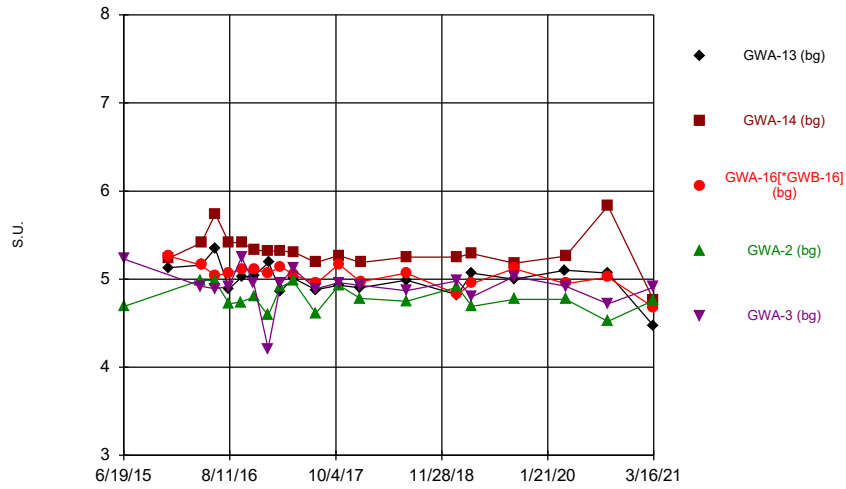
Constituent: Nickel Analysis Run 4/27/2021 11:40 AM View: Constituents View
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Time Series



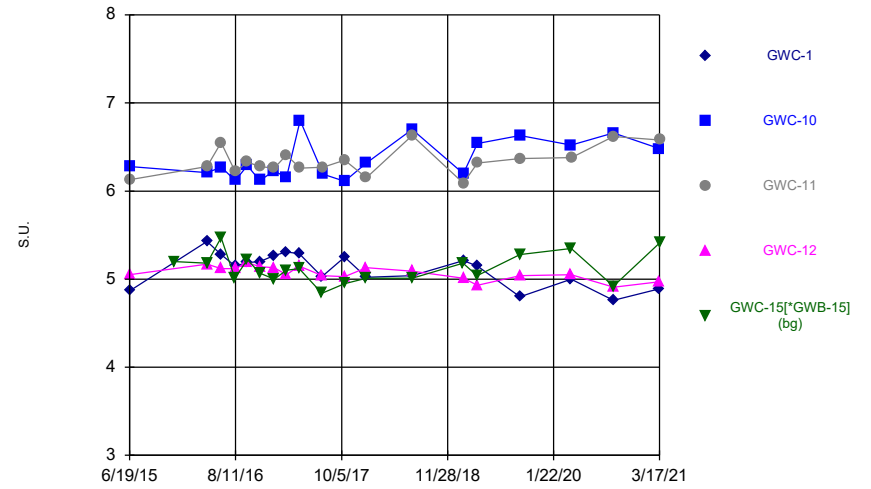
Constituent: Nickel Analysis Run 4/27/2021 11:40 AM View: Constituents View
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Time Series



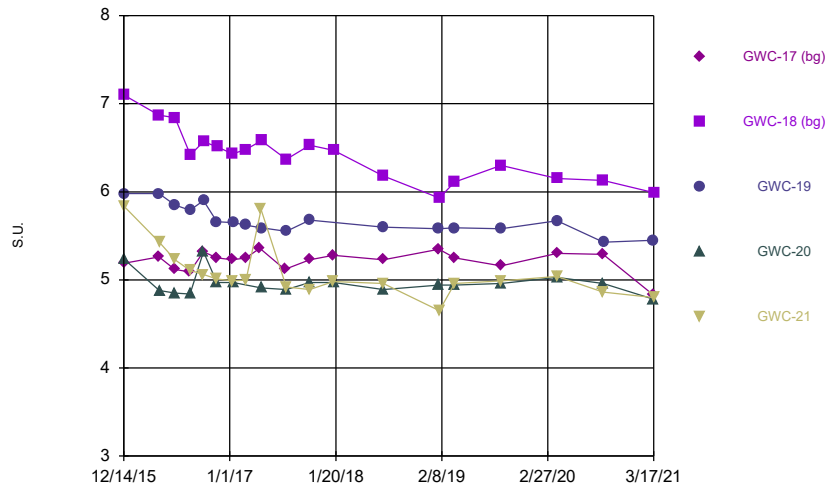
Constituent: pH Analysis Run 4/27/2021 11:40 AM View: Constituents View
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Time Series



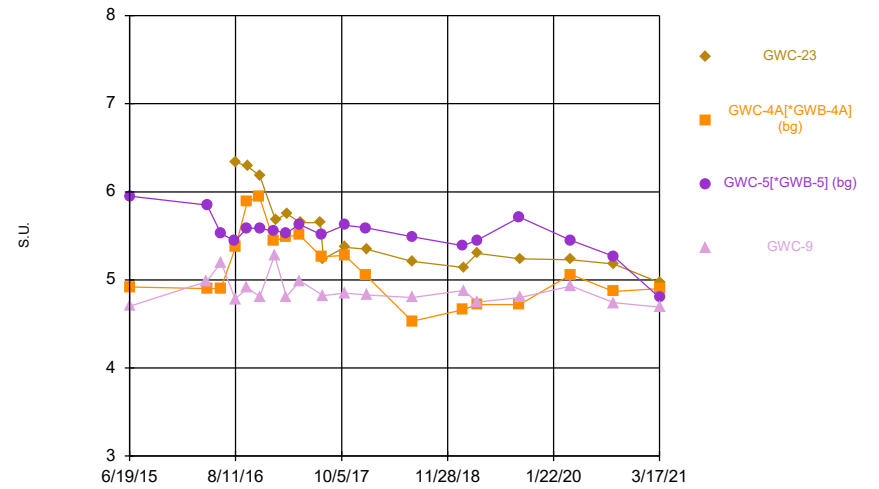
Constituent: pH Analysis Run 4/27/2021 11:40 AM View: Constituents View
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Time Series



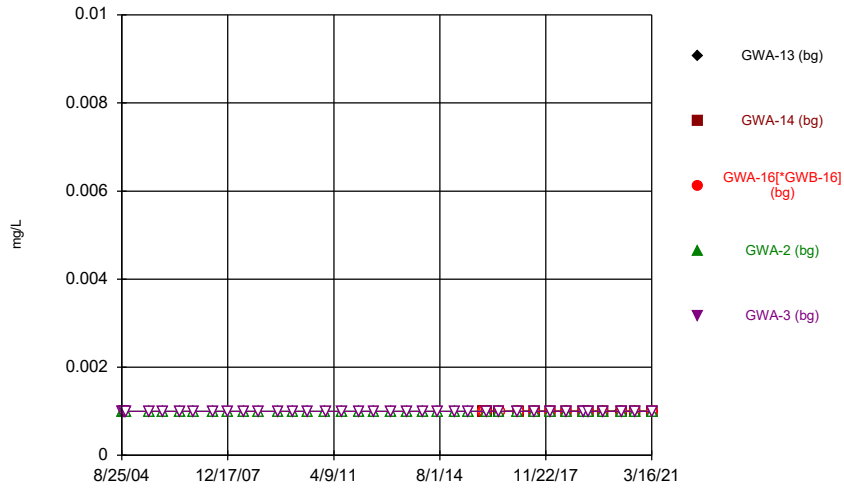
Constituent: pH Analysis Run 4/27/2021 11:40 AM View: Constituents View
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Time Series



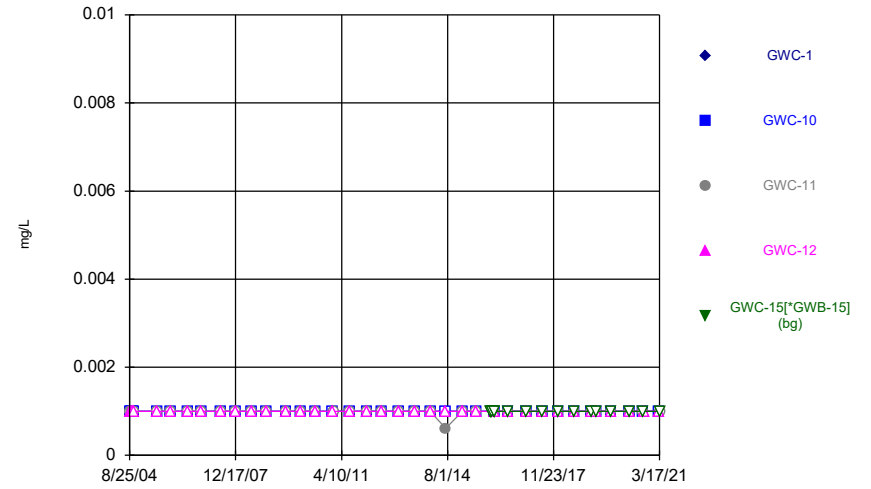
Constituent: pH Analysis Run 4/27/2021 11:40 AM View: Constituents View
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Time Series



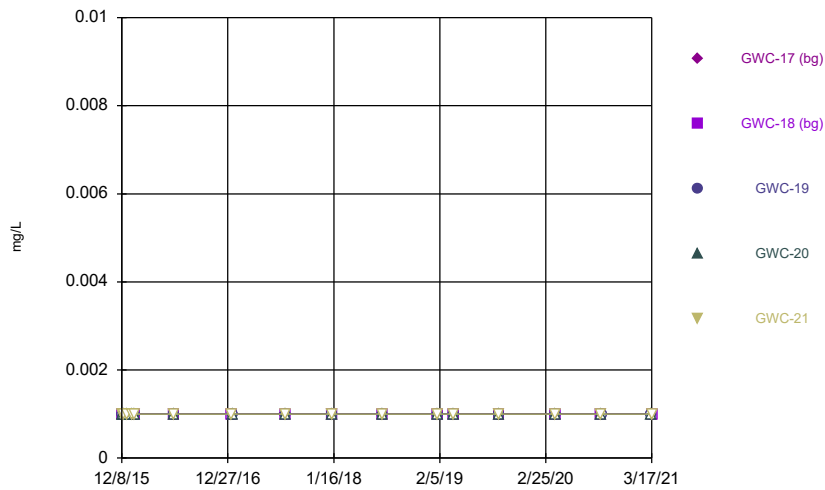
Constituent: Silver Analysis Run 4/27/2021 11:40 AM View: Constituents View
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Time Series



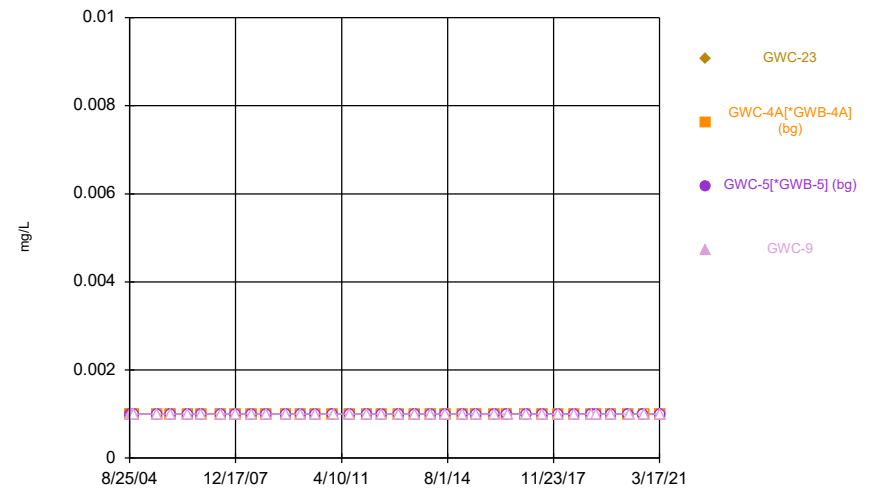
Constituent: Silver Analysis Run 4/27/2021 11:40 AM View: Constituents View
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Time Series



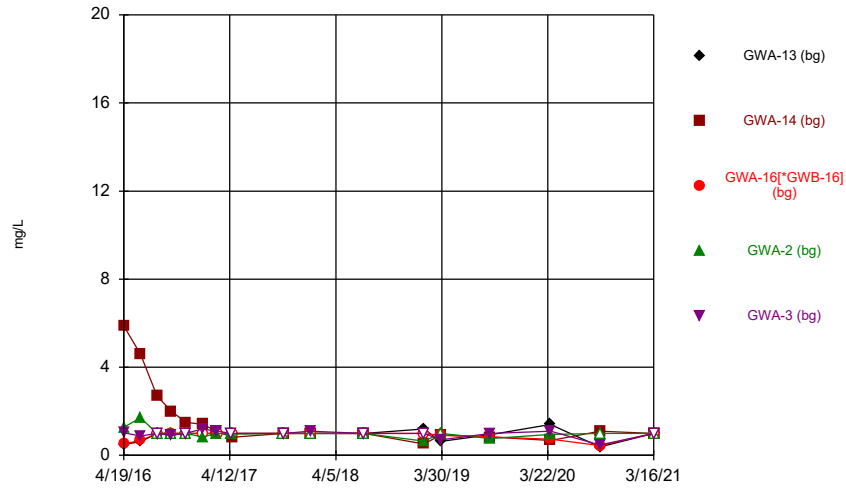
Constituent: Silver Analysis Run 4/27/2021 11:40 AM View: Constituents View
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Time Series



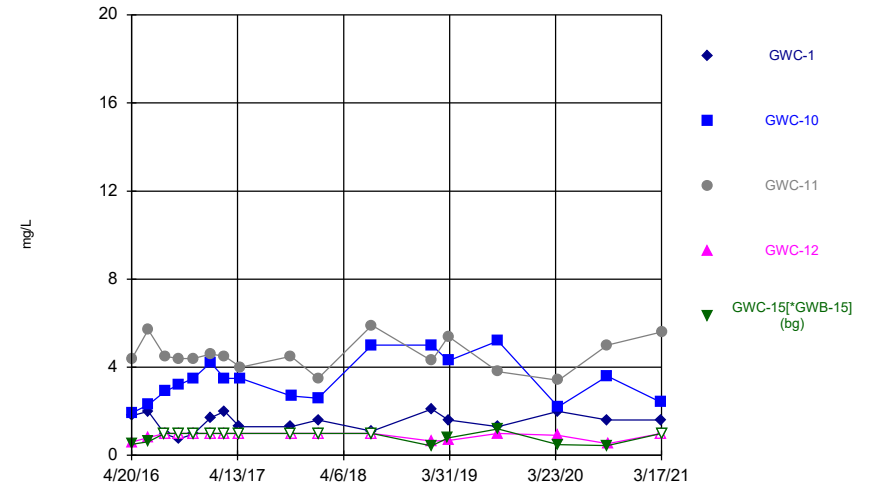
Constituent: Silver Analysis Run 4/27/2021 11:40 AM View: Constituents View
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Time Series



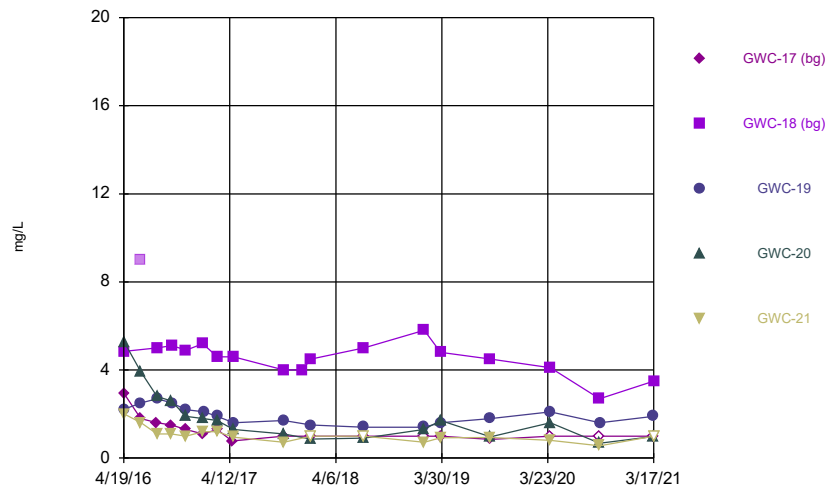
Constituent: Sulfate Analysis Run 4/27/2021 11:40 AM View: Constituents View
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Time Series



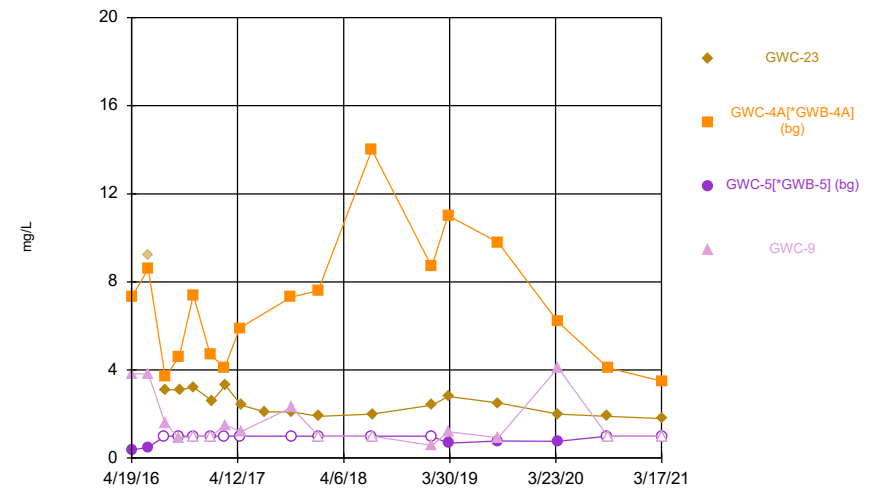
Constituent: Sulfate Analysis Run 4/27/2021 11:41 AM View: Constituents View
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Time Series



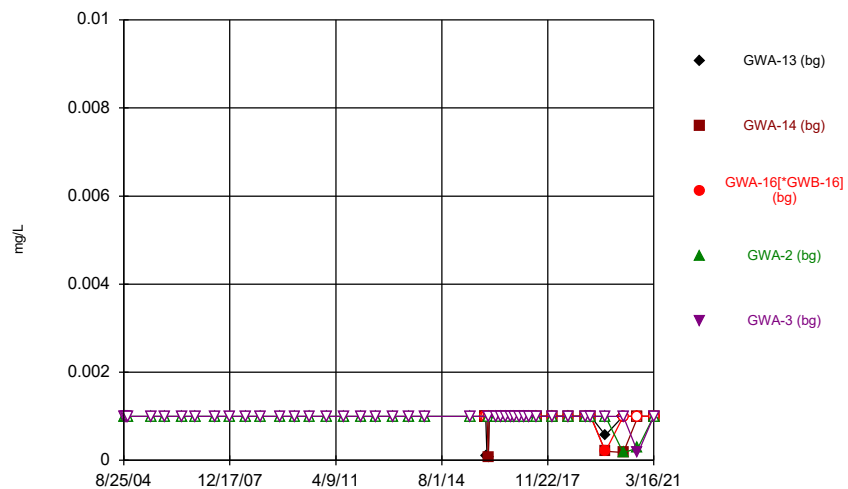
Constituent: Sulfate Analysis Run 4/27/2021 11:41 AM View: Constituents View
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Time Series



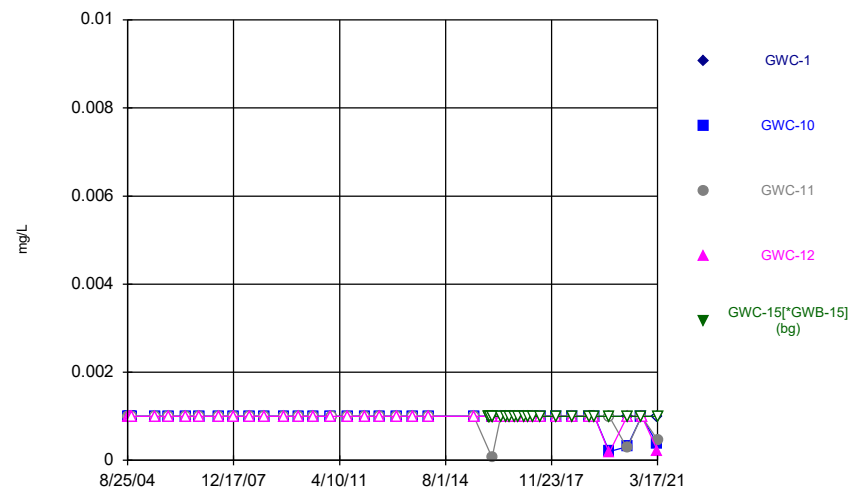
Constituent: Sulfate Analysis Run 4/27/2021 11:41 AM View: Constituents View
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Time Series



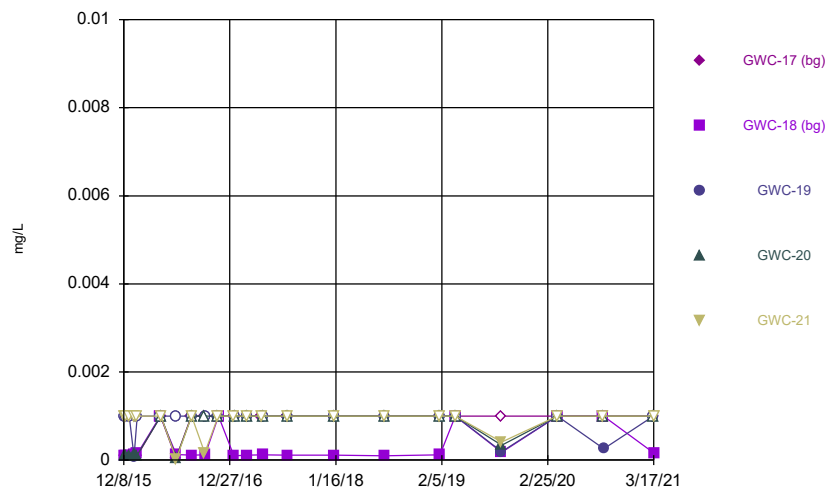
Constituent: Thallium Analysis Run 4/27/2021 11:41 AM View: Constituents View
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Time Series



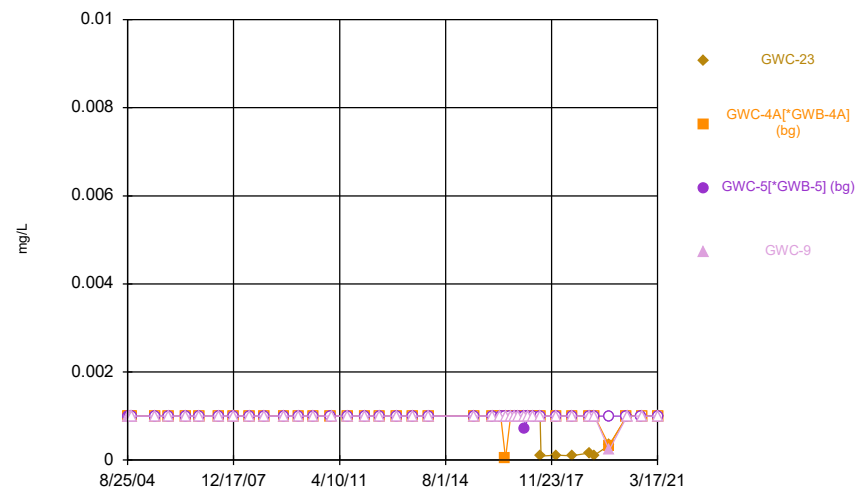
Constituent: Thallium Analysis Run 4/27/2021 11:41 AM View: Constituents View
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Time Series



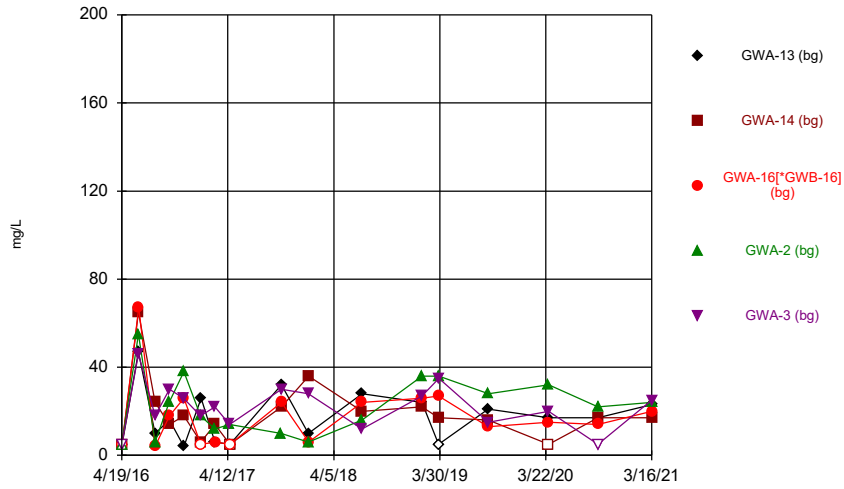
Constituent: Thallium Analysis Run 4/27/2021 11:41 AM View: Constituents View
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Time Series



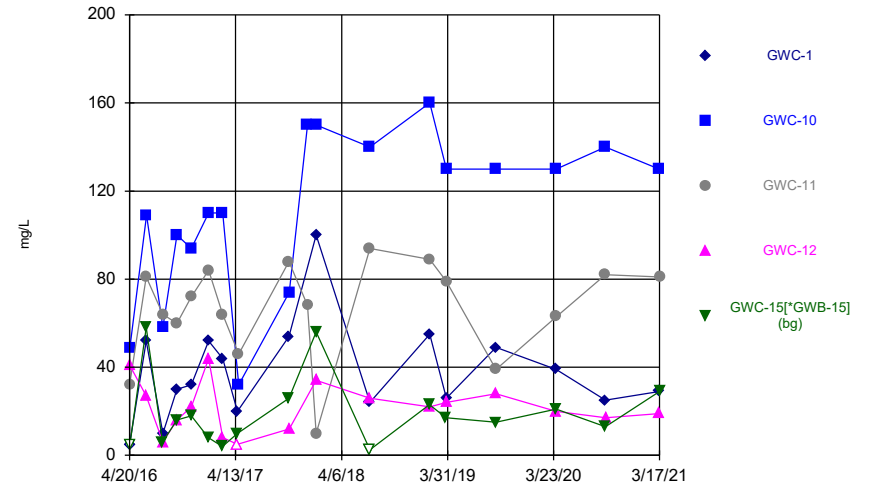
Constituent: Thallium Analysis Run 4/27/2021 11:41 AM View: Constituents View
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Time Series



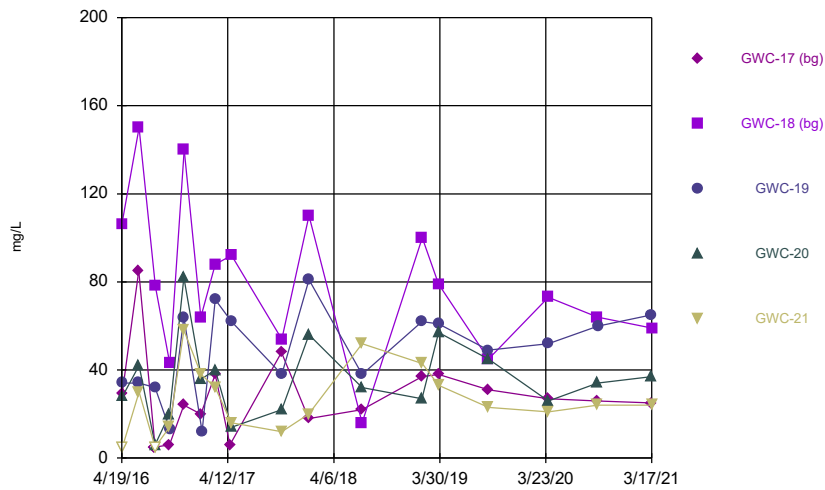
Constituent: Total Dissolved Solids Analysis Run 4/27/2021 11:41 AM View: Constituents View
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Time Series



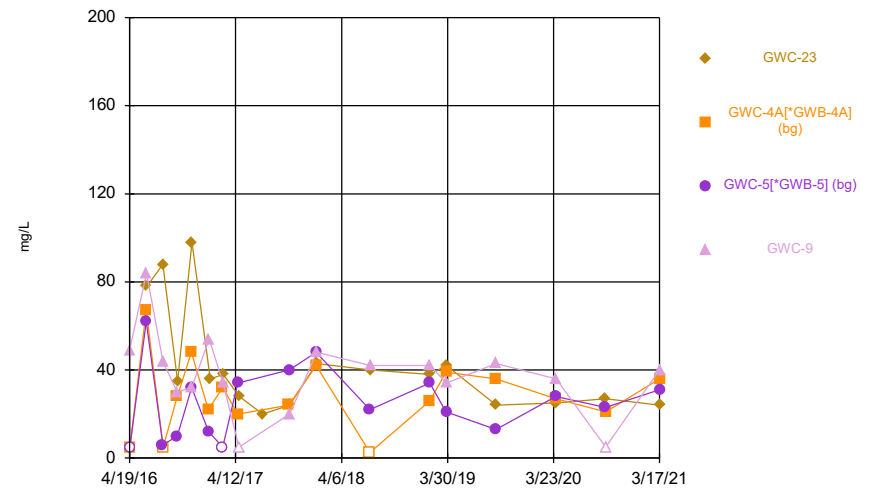
Constituent: Total Dissolved Solids Analysis Run 4/27/2021 11:41 AM View: Constituents View
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Time Series



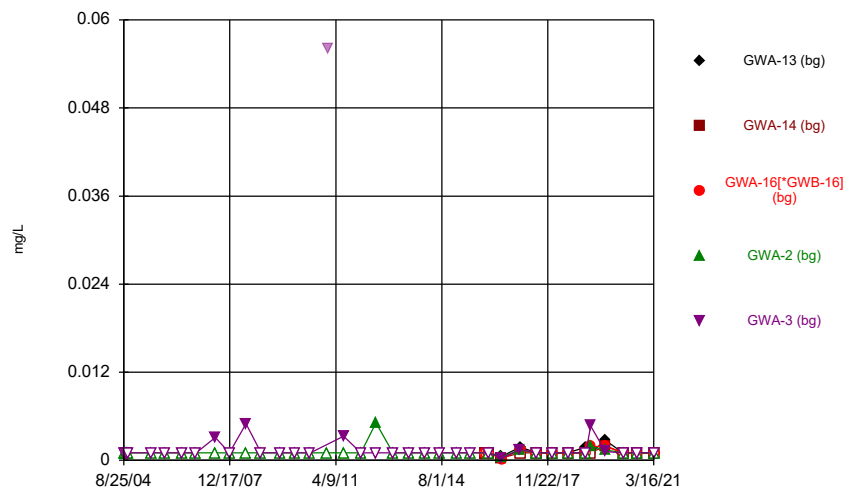
Constituent: Total Dissolved Solids Analysis Run 4/27/2021 11:41 AM View: Constituents View
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Time Series



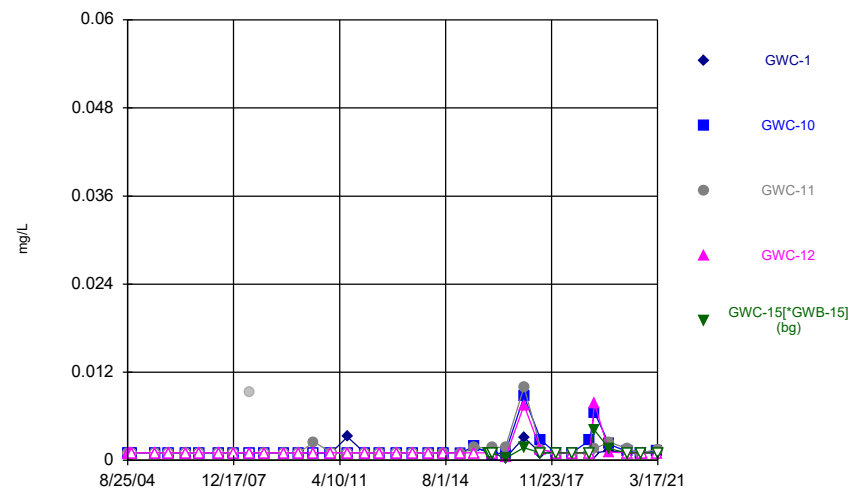
Constituent: Total Dissolved Solids Analysis Run 4/27/2021 11:41 AM View: Constituents View
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Time Series



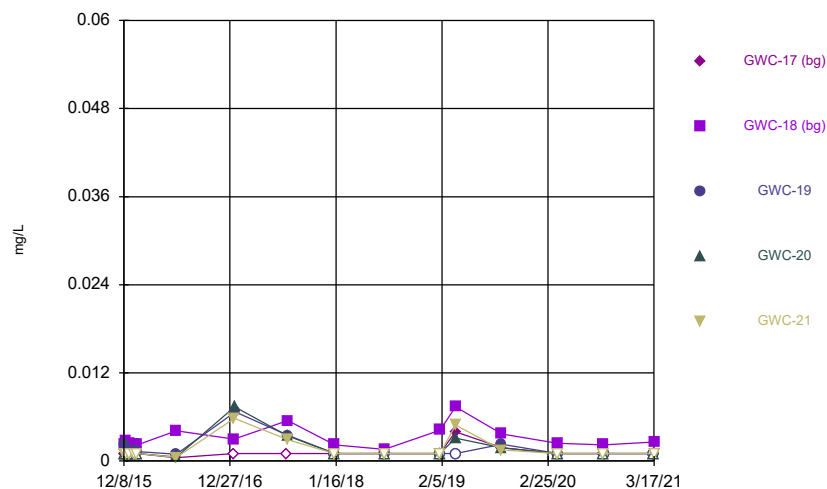
Constituent: Vanadium Analysis Run 4/27/2021 11:41 AM View: Constituents View
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Time Series



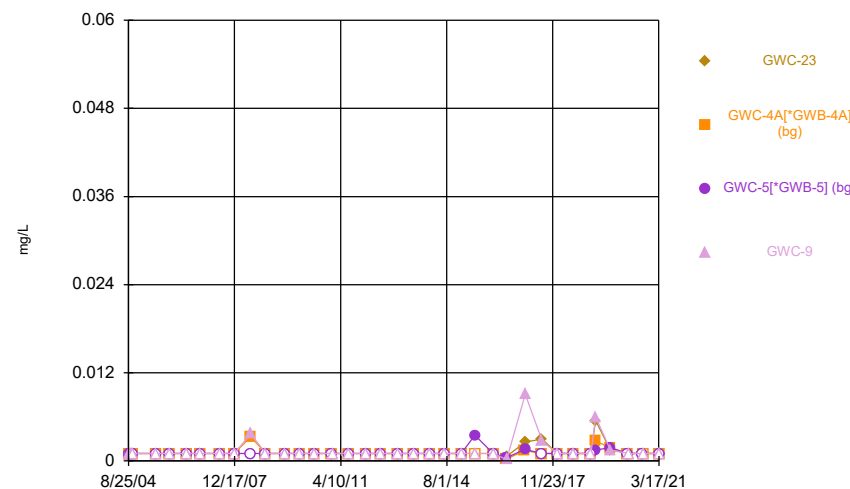
Constituent: Vanadium Analysis Run 4/27/2021 11:41 AM View: Constituents View
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Time Series



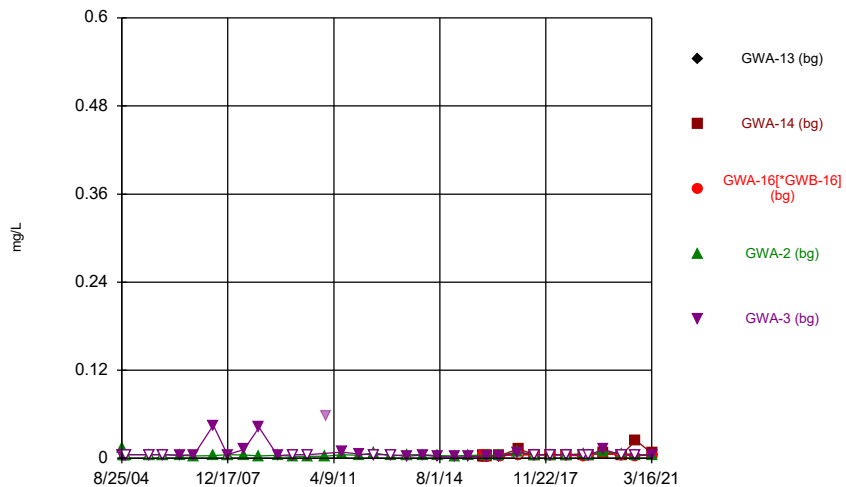
Constituent: Vanadium Analysis Run 4/27/2021 11:41 AM View: Constituents View
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Time Series



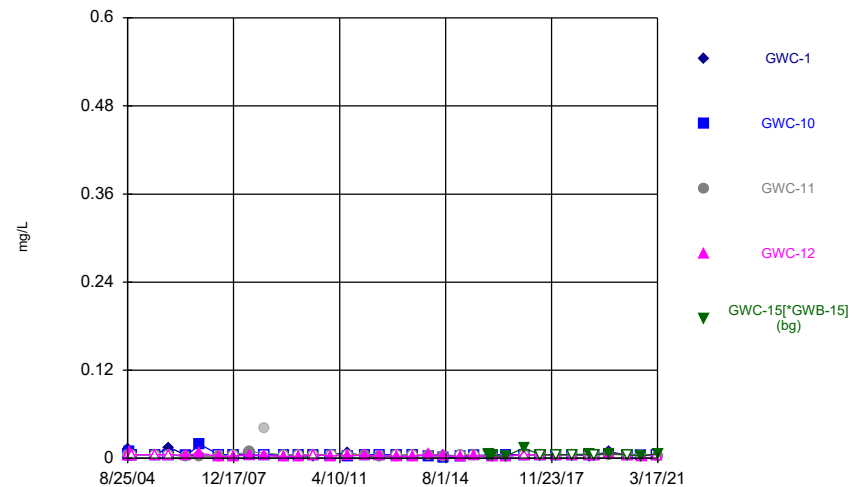
Constituent: Vanadium Analysis Run 4/27/2021 11:41 AM View: Constituents View
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Time Series



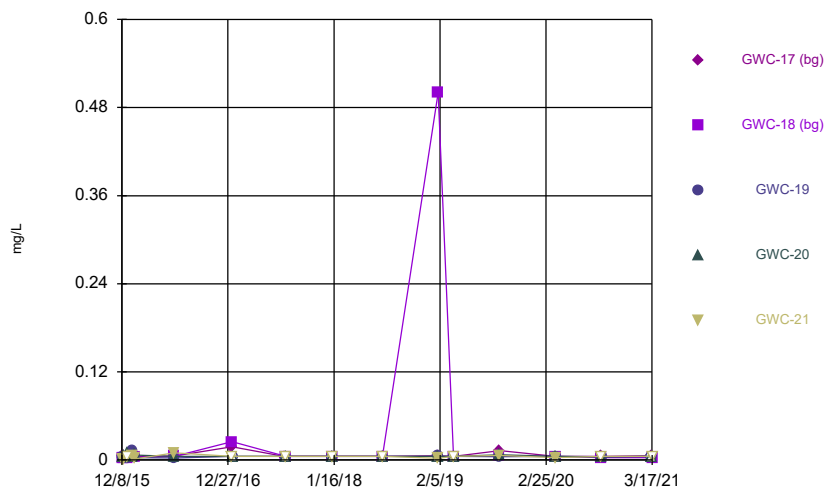
Constituent: Zinc Analysis Run 4/27/2021 11:41 AM View: Constituents View
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Time Series



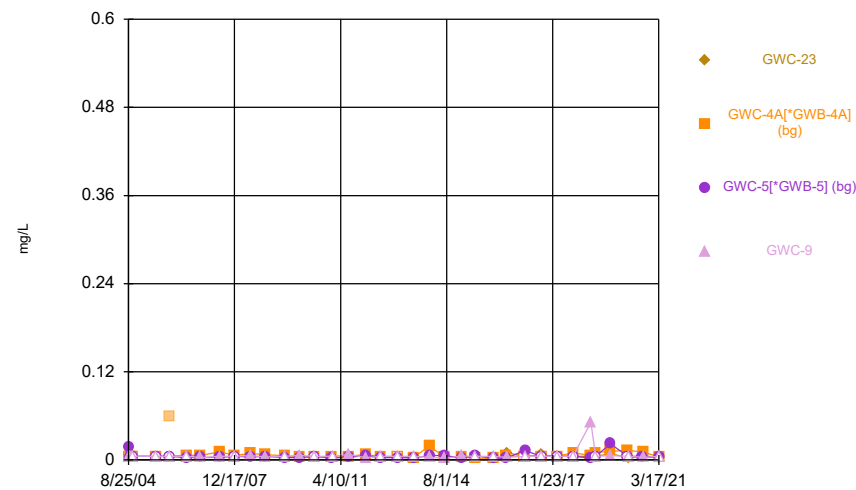
Constituent: Zinc Analysis Run 4/27/2021 11:41 AM View: Constituents View
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Time Series



Constituent: Zinc Analysis Run 4/27/2021 11:41 AM View: Constituents View
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Time Series



Constituent: Zinc Analysis Run 4/27/2021 11:41 AM View: Constituents View
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Time Series

Constituent: Antimony (mg/L) Analysis Run 4/27/2021 11:41 AM View: Constituents View

Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWA-13 (bg)	GWA-14 (bg)	GWA-16[*GWB-1...	GWA-2 (bg)	GWA-3 (bg)
8/25/2004				<0.002	<0.002
9/11/2004				<0.002	<0.002
9/26/2004				<0.002	<0.002
10/13/2004				<0.002	<0.002
7/11/2005				<0.002	<0.002
12/7/2005				<0.002	<0.002
6/22/2006				<0.002	<0.002
11/28/2006				<0.002	<0.002
7/6/2007				<0.002	<0.002
12/13/2007				<0.002	<0.002
6/20/2008				<0.002	<0.002
12/7/2008				<0.002	<0.002
7/9/2009				<0.002	<0.002
12/28/2009				<0.002	<0.002
6/22/2010				<0.002	<0.002
1/4/2011				<0.002	
1/5/2011					<0.002
7/9/2011				<0.002	<0.002
1/20/2012					<0.002
1/21/2012				<0.002	
7/11/2012				<0.002	<0.002
1/19/2013					<0.002
1/20/2013				<0.002	
7/18/2013					<0.002
7/19/2013				<0.002	
1/15/2014				<0.002	<0.002
7/11/2014				<0.002 (D)	<0.002 (D)
1/15/2015					<0.002
1/16/2015				<0.002	
6/19/2015					<0.002
6/20/2015				<0.002	
12/7/2015	<0.002	<0.002	<0.002		
12/14/2015			<0.002		
12/15/2015	<0.002	<0.002			
12/28/2015			<0.002		
12/29/2015	<0.002	<0.002			
1/13/2016	<0.002	<0.002	<0.002		
1/16/2016				<0.002	<0.002
1/25/2016	<0.002	<0.002	<0.002		
4/19/2016				<0.002	<0.002
4/20/2016	<0.002	<0.002	<0.002		
6/14/2016	<0.002	<0.002		<0.002	<0.002
6/15/2016			<0.002		
8/9/2016	<0.002	<0.002	<0.002	<0.002	<0.002
9/26/2016				<0.002	
9/27/2016	<0.002	<0.002	<0.002		<0.002
11/14/2016					<0.002
11/15/2016	<0.002	<0.002	<0.002	<0.002	
1/10/2017				<0.002	<0.002
1/11/2017		<0.002	<0.002		
1/12/2017	<0.002				
2/28/2017	<0.002	<0.002		<0.002	<0.002

Time Series

Constituent: Antimony (mg/L) Analysis Run 4/27/2021 11:41 AM View: Constituents View
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWA-13 (bg)	GWA-14 (bg)	GWA-16[*]GWB-1...	GWA-2 (bg)	GWA-3 (bg)
3/1/2017			<0.002		
4/19/2017				<0.002	<0.002
4/20/2017	<0.002	<0.002	<0.002		
7/17/2017				<0.002	
7/18/2017	<0.002				0.0022 (J)
7/19/2017		<0.002	<0.002		
1/10/2018	<0.002			<0.002	<0.002
1/11/2018		<0.002	<0.002		
7/11/2018	<0.002	<0.002	<0.002	<0.002	<0.002
1/29/2019	<0.002	<0.002	<0.002	<0.002	<0.002
3/26/2019	<0.002	<0.002	<0.002		
3/27/2019				<0.002	<0.002
9/10/2019	0.00052 (J)	<0.002	<0.002		
9/11/2019				<0.002	0.00081 (J)
3/31/2020	<0.002				
4/1/2020		<0.002	<0.002	0.0004 (J)	<0.002
9/15/2020	<0.002	0.00039 (J)	<0.002	<0.002	<0.002
3/16/2021	<0.002	<0.002	<0.002	<0.002	<0.002

Time Series

Constituent: Antimony (mg/L) Analysis Run 4/27/2021 11:41 AM View: Constituents View
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-1	GWC-10	GWC-11	GWC-12	GWC-15[*GWB-1...
8/25/2004	<0.002	<0.002	<0.002	<0.002	
9/11/2004	<0.002	<0.002	<0.002	<0.002	
9/26/2004	<0.002	<0.002	<0.002	<0.002	
10/13/2004		<0.002	<0.002	<0.002	
7/11/2005	<0.002	<0.002	<0.002	<0.002	
12/7/2005	<0.002	<0.002	<0.002	<0.002	
6/22/2006	<0.002	<0.002	<0.002	<0.002	
11/28/2006	<0.002	<0.002	<0.002	<0.002	
7/6/2007	<0.002	<0.002	<0.002	<0.002	
12/13/2007	<0.002	<0.002	<0.002	<0.002	
6/20/2008	<0.002	<0.002	<0.002	<0.002	
12/7/2008	<0.002	<0.002	<0.002	<0.002	
7/9/2009	<0.002				
7/10/2009		<0.002	<0.002	<0.002	
12/28/2009	<0.002			<0.002	
12/29/2009		<0.002	<0.002		
6/22/2010	<0.002	<0.002	<0.002	<0.002	
1/4/2011	<0.002	<0.002		<0.002	
1/5/2011			<0.002		
7/9/2011	<0.002		<0.002	<0.002	
7/10/2011		<0.002			
1/20/2012				<0.002	
1/21/2012	<0.002	<0.002	<0.002		
7/11/2012	<0.002	<0.002	<0.002	<0.002	
1/19/2013			<0.002	<0.002	
1/20/2013	<0.002	<0.002			
7/18/2013				<0.002	
7/19/2013	<0.002	<0.002	<0.002		
1/15/2014	<0.002		<0.002	<0.002	
1/16/2014		<0.002			
7/10/2014		<0.002 (D)			
7/11/2014	<0.002 (D)		<0.002 (D)	<0.002 (D)	
1/15/2015				<0.002	
1/16/2015	<0.002	<0.002	<0.002		
6/19/2015				<0.002	
6/20/2015	<0.002	<0.002	<0.002		
12/7/2015					<0.002
12/15/2015					<0.002
12/28/2015					<0.002
1/13/2016					<0.002
1/14/2016			<0.002		
1/16/2016	<0.002	<0.002		<0.002	
1/25/2016					<0.002
4/20/2016	<0.002		<0.002	<0.002	
4/21/2016		<0.002			<0.002
6/15/2016	<0.002		<0.002	<0.002	<0.002
6/16/2016		<0.002			
8/9/2016					<0.002
8/10/2016	<0.002	<0.002	<0.002	<0.002	
9/27/2016	<0.002	<0.002	<0.002	<0.002	<0.002
11/15/2016	<0.002	<0.002	<0.002	<0.002	<0.002
1/11/2017					<0.002

Time Series

Constituent: Antimony (mg/L) Analysis Run 4/27/2021 11:41 AM View: Constituents View
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-1	GWC-10	GWC-11	GWC-12	GWC-15[*GWB-1...
1/12/2017	<0.002	<0.002	<0.002	<0.002	
1/23/2017	<0.002				
2/28/2017					<0.002
3/1/2017	<0.002	<0.002	<0.002	<0.002	
4/20/2017	<0.002			<0.002	<0.002
4/24/2017		<0.002	<0.002		
7/19/2017	<0.002				<0.002
7/20/2017				<0.002	
7/24/2017		<0.002	<0.002		
1/11/2018	<0.002	<0.002	<0.002	<0.002	<0.002
7/11/2018					<0.002
7/12/2018	<0.002	<0.002	<0.002	<0.002	
1/29/2019					<0.002
1/30/2019	<0.002	<0.002	<0.002	<0.002	
3/26/2019					<0.002
3/27/2019	<0.002	<0.002	<0.002	<0.002	
9/11/2019	<0.002	<0.002	<0.002	<0.002	<0.002
4/1/2020	<0.002	<0.002		<0.002	<0.002
4/2/2020			<0.002		
9/15/2020	<0.002	<0.002	<0.002		<0.002
9/16/2020				<0.002	
3/16/2021	<0.002	<0.002		<0.002	
3/17/2021			<0.002		<0.002

Time Series

Constituent: Antimony (mg/L) Analysis Run 4/27/2021 11:41 AM View: Constituents View

Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-17 (bg)	GWC-18 (bg)	GWC-19	GWC-20	GWC-21
12/8/2015	<0.002	<0.002	<0.002		
12/9/2015				<0.002	<0.002
12/14/2015	<0.002	<0.002		<0.002	<0.002
12/15/2015			<0.002		
12/28/2015	<0.002	<0.002	<0.002		
12/29/2015				<0.002	<0.002
1/13/2016	<0.002				
1/14/2016		<0.002	<0.002	<0.002	<0.002
1/25/2016				<0.002	<0.002
1/26/2016	<0.002	<0.002	<0.002		
4/19/2016		<0.002	<0.002		
4/20/2016	<0.002				
4/21/2016				<0.002	<0.002
6/15/2016	<0.002				
6/16/2016		0.00022 (J)	<0.002	<0.002	<0.002
8/9/2016	<0.002				
8/10/2016			<0.002	<0.002	<0.002
8/11/2016		<0.002			
9/27/2016	<0.002			<0.002	<0.002
9/28/2016		<0.002	<0.002		
11/15/2016	<0.002		<0.002	<0.002	<0.002
11/16/2016		<0.002			
1/11/2017	<0.002	<0.002			
1/12/2017					<0.002
1/13/2017				<0.002	
1/16/2017			<0.002		
3/1/2017	<0.002	<0.002	<0.002	<0.002	<0.002
4/20/2017	<0.002				
4/24/2017					<0.002
4/25/2017		<0.002	<0.002	<0.002	
7/19/2017	<0.002				
7/25/2017		<0.002	<0.002	<0.002	<0.002
1/11/2018	<0.002				<0.002
1/12/2018		<0.002	<0.002	<0.002	
7/11/2018	<0.002	<0.002	<0.002	<0.002	<0.002
1/29/2019	<0.002		<0.002	<0.002	
1/30/2019		<0.002			<0.002
3/27/2019	<0.002	<0.002	<0.002	<0.002	<0.002
9/11/2019	<0.002	<0.002	<0.002	<0.002	<0.002
4/1/2020	<0.002	<0.002	<0.002	<0.002	<0.002
9/15/2020	<0.002	<0.002		<0.002	<0.002
9/16/2020			<0.002		
3/16/2021	<0.002		<0.002	<0.002	
3/17/2021		<0.002			<0.002

Time Series

Constituent: Antimony (mg/L) Analysis Run 4/27/2021 11:41 AM View: Constituents View

Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-23	GWC-4A[*GWB-4...GWC-5[*GWB-5]...	GWC-9
8/25/2004	<0.002	<0.002	<0.002
9/11/2004	<0.002	<0.002	<0.002
9/26/2004	<0.002	<0.002	<0.002
10/13/2004	<0.002	<0.002	<0.002
7/11/2005	<0.002	<0.002	<0.002
12/7/2005	<0.002	<0.002	<0.002
6/22/2006	<0.002	<0.002	<0.002
11/28/2006	<0.002	<0.002	<0.002
7/6/2007	<0.002	<0.002	<0.002
12/13/2007	<0.002	<0.002	<0.002
6/20/2008	<0.002	<0.002	<0.002
12/7/2008	<0.002	<0.002	<0.002
7/9/2009	<0.002	<0.002	<0.002
12/29/2009		<0.002	<0.002
12/30/2009	<0.002		
6/22/2010	<0.002	<0.002	<0.002
1/4/2011	<0.002	<0.002	
1/5/2011			<0.002
7/9/2011		<0.002	<0.002
7/10/2011	<0.002		
1/21/2012	<0.002	<0.002	<0.002
7/11/2012	<0.002	<0.002	<0.002
1/19/2013		<0.002	<0.002
1/20/2013	<0.002		
7/18/2013		<0.002	<0.002
7/19/2013	<0.002		
1/15/2014		<0.002	<0.002
1/16/2014	<0.002		
7/10/2014	<0.002 (D)	<0.002 (D)	<0.002 (D)
1/15/2015		<0.002	
1/16/2015	<0.002		<0.002
6/19/2015		<0.002	
6/20/2015	<0.002		<0.002
1/14/2016	<0.002	<0.002	<0.002
4/19/2016			<0.002
4/20/2016	<0.002	<0.002	
6/14/2016	<0.002	<0.002	
6/15/2016			<0.002
6/16/2016	<0.002		
8/9/2016		<0.002	
8/10/2016	<0.002		<0.002
8/11/2016	<0.002		
9/27/2016	<0.002	<0.002	<0.002
9/28/2016	<0.002		
11/14/2016	<0.002		
11/15/2016		<0.002	<0.002
11/16/2016	<0.002		
1/10/2017		<0.002	
1/11/2017		<0.002	
1/13/2017			<0.002
1/17/2017	<0.002		
1/19/2017		<0.002	

Time Series

Constituent: Antimony (mg/L) Analysis Run 4/27/2021 11:41 AM View: Constituents View
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-23	GWC-4A[*GWB-4...GWC-5[*GWB-5]...	GWC-9
1/24/2017		<0.002	<0.002
2/28/2017		<0.002	<0.002
3/1/2017			<0.002
3/2/2017	<0.002		
4/20/2017		<0.002	<0.002
4/24/2017			<0.002
4/25/2017	<0.002		
7/13/2017	<0.002		
7/18/2017		<0.002	<0.002
7/24/2017			<0.002
7/25/2017	<0.002		
1/10/2018		<0.002	<0.002
1/12/2018	<0.002		<0.002
7/11/2018		<0.002	<0.002
7/12/2018	<0.002		<0.002
1/29/2019		<0.002	<0.002
1/30/2019	<0.002		<0.002
3/26/2019		<0.002	<0.002
3/27/2019	<0.002		<0.002
9/10/2019		<0.002	<0.002
9/11/2019	<0.002		<0.002
3/31/2020		<0.002	<0.002
4/1/2020	<0.002		<0.002
9/15/2020	<0.002		<0.002
9/16/2020		<0.002	<0.002
3/17/2021	<0.002	<0.002	<0.002

Time Series

Constituent: Arsenic (mg/L) Analysis Run 4/27/2021 11:41 AM View: Constituents View

Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWA-13 (bg)	GWA-14 (bg)	GWA-16[*]GWB-1...	GWA-2 (bg)	GWA-3 (bg)
8/25/2004				<0.001	<0.001
9/11/2004				<0.001	<0.001
9/26/2004				<0.001	<0.001
10/13/2004				<0.001	<0.001
7/11/2005				<0.001	<0.001
12/7/2005				<0.001	<0.001
6/22/2006				<0.001	<0.001
11/28/2006				<0.001	<0.001
7/6/2007				<0.001	<0.001
12/13/2007				<0.001	<0.001
6/20/2008				<0.001	<0.001
12/7/2008				<0.001	<0.001
7/9/2009				<0.001	<0.001
12/28/2009				<0.001	<0.001
6/22/2010				<0.001	<0.001
1/4/2011				<0.001	
1/5/2011					0.0089 (o)
7/9/2011				<0.001	<0.001
1/20/2012					<0.001
1/21/2012				<0.001	
7/11/2012				<0.001	<0.001
1/19/2013					<0.001
1/20/2013				<0.001	
7/18/2013					<0.001
7/19/2013				<0.001	
1/15/2014				<0.001	<0.001
7/11/2014				<0.001	<0.001
1/15/2015					<0.001
1/16/2015				<0.001	
6/19/2015					<0.001
6/20/2015				<0.001	
12/7/2015	<0.001	<0.001	<0.001		
12/14/2015			<0.001		
12/15/2015	<0.001	<0.001			
12/28/2015			<0.001		
12/29/2015	<0.001	<0.001			
1/13/2016	<0.001	<0.001	<0.001		
1/16/2016				<0.001	<0.001
1/25/2016	<0.001	<0.001	<0.001		
4/19/2016				<0.001	<0.001
4/20/2016	<0.001	<0.001	<0.001		
6/14/2016	<0.001	<0.001		<0.001	<0.001
6/15/2016			<0.001		
8/9/2016	<0.001	<0.001	<0.001	<0.001	<0.001
9/26/2016				<0.001	
9/27/2016	<0.001	<0.001	<0.001		<0.001
11/14/2016					<0.001
11/15/2016	<0.001	<0.001	<0.001	<0.001	
1/10/2017				<0.001	<0.001
1/11/2017		<0.001	<0.001		
1/12/2017	<0.001				
2/28/2017	<0.001	<0.001		<0.001	0.00061 (J)

Time Series

Constituent: Arsenic (mg/L) Analysis Run 4/27/2021 11:41 AM View: Constituents View
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWA-13 (bg)	GWA-14 (bg)	GWA-16[*GWB-1...	GWA-2 (bg)	GWA-3 (bg)
3/1/2017			<0.001		
4/19/2017				<0.001	0.00069 (J)
4/20/2017	<0.001	<0.001	<0.001		
7/17/2017				<0.001	
7/18/2017	<0.001				<0.001
7/19/2017		<0.001	<0.001		
1/10/2018	<0.001			<0.001	<0.001
1/11/2018		<0.001	<0.001		
7/11/2018	<0.001	<0.001	<0.001	<0.001	<0.001
1/29/2019	<0.001	<0.001	<0.001	<0.001	<0.001
3/26/2019	<0.001	<0.001	<0.001		
3/27/2019				<0.001	0.0011
9/10/2019	0.00076 (J)	0.00043 (J)	0.00036 (J)		
9/11/2019				<0.001	<0.001
3/31/2020	<0.001				
4/1/2020		<0.001	<0.001	<0.001	<0.001
9/15/2020	<0.001	<0.001	<0.001	<0.001	<0.001
3/16/2021	<0.001	<0.001	<0.001	<0.001	<0.001

Time Series

Constituent: Arsenic (mg/L) Analysis Run 4/27/2021 11:41 AM View: Constituents View

Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-1	GWC-10	GWC-11	GWC-12	GWC-15[*GWB-1...
8/25/2004	<0.001	<0.001	<0.001	<0.001	
9/11/2004	<0.001	<0.001	<0.001	<0.001	
9/26/2004	<0.001	<0.001	<0.001	<0.001	
10/13/2004		<0.001	<0.001	<0.001	
7/11/2005	<0.001	<0.001	<0.001	<0.001	
12/7/2005	<0.001	<0.001	<0.001	<0.001	
6/22/2006	<0.001	<0.001	<0.001	<0.001	
11/28/2006	<0.001	<0.001	<0.001	<0.001	
7/6/2007	<0.001	<0.001	<0.001	<0.001	
12/13/2007	<0.001	<0.001	<0.001	<0.001	
6/20/2008	<0.001	<0.001	<0.001	<0.001	
12/7/2008	<0.001	<0.001	<0.001	<0.001	
7/9/2009	<0.001				
7/10/2009		<0.001	<0.001	<0.001	
12/28/2009	<0.001			<0.001	
12/29/2009		<0.001	<0.001		
6/22/2010	<0.001	<0.001	<0.001	<0.001	
1/4/2011	<0.001	<0.001		<0.001	
1/5/2011			<0.001		
7/9/2011	<0.001		<0.001	<0.001	
7/10/2011		<0.001			
1/20/2012				<0.001	
1/21/2012	<0.001	<0.001	<0.001		
7/11/2012	<0.001	<0.001	<0.001	<0.001	
1/19/2013			<0.001	<0.001	
1/20/2013	<0.001	<0.001			
7/18/2013				<0.001	
7/19/2013	<0.001	<0.001	<0.001		
1/15/2014	<0.001		<0.001	<0.001	
1/16/2014		<0.001			
7/10/2014		<0.001			
7/11/2014	<0.001		<0.001	<0.001	
1/15/2015				<0.001	
1/16/2015	<0.001	<0.001	<0.001		
6/19/2015				<0.001	
6/20/2015	<0.001	<0.001	<0.001		
12/7/2015					<0.001
12/15/2015					<0.001
12/28/2015					<0.001
1/13/2016					<0.001
1/14/2016			<0.001		
1/16/2016	<0.001	<0.001		<0.001	
1/25/2016					<0.001
4/20/2016	<0.001		0.00117 (J)	<0.001	
4/21/2016		<0.001			<0.001
6/15/2016	<0.001		0.0013 (J)	<0.001	<0.001
6/16/2016		0.0004 (J)			
8/9/2016					<0.001
8/10/2016	<0.001	<0.001	0.0013	<0.001	
9/27/2016	<0.001	<0.001	0.0011 (J)	<0.001	<0.001
11/15/2016	<0.001	<0.001	0.001 (J)	<0.001	<0.001
1/11/2017					<0.001

Time Series

Constituent: Arsenic (mg/L) Analysis Run 4/27/2021 11:41 AM View: Constituents View
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-1	GWC-10	GWC-11	GWC-12	GWC-15[*GWB-1...
1/12/2017	<0.001	0.00077 (J)	0.0016	0.00062 (J)	
1/23/2017	<0.001				
2/28/2017					<0.001
3/1/2017	<0.001	<0.001	0.00092 (J)	<0.001	
4/20/2017	<0.001			<0.001	<0.001
4/24/2017		<0.001	0.0011 (J)		
7/19/2017	<0.001				0.00056 (J)
7/20/2017				0.00053 (J)	
7/24/2017		<0.001	0.00086 (J)		
1/11/2018	<0.001	0.00046 (J)	0.0012 (J)	<0.001	<0.001
7/11/2018					<0.001
7/12/2018	<0.001	<0.001	0.001 (J)	<0.001	
1/29/2019					<0.001
1/30/2019	<0.001	<0.001	0.0015 (J)	<0.001	
3/26/2019					0.00075
3/27/2019	<0.001	0.0013	0.0013	0.0011	
9/11/2019	<0.001	0.00082 (J)	0.0017	0.00032 (J)	0.00033 (J)
4/1/2020	<0.001	0.00055 (J)		<0.001	<0.001
4/2/2020			0.0014		
9/15/2020	<0.001	0.00041 (J)	0.0011		<0.001
9/16/2020				<0.001	
3/16/2021	<0.001	0.00069 (J)		<0.001	
3/17/2021			0.0014		<0.001

Time Series

Constituent: Arsenic (mg/L) Analysis Run 4/27/2021 11:41 AM View: Constituents View

Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-17 (bg)	GWC-18 (bg)	GWC-19	GWC-20	GWC-21
12/8/2015	<0.001	<0.001	<0.001		
12/9/2015				<0.001	<0.001
12/14/2015	<0.001	<0.001		<0.001	<0.001
12/15/2015			<0.001		
12/28/2015	<0.001	<0.001	<0.001		
12/29/2015				<0.001	0.0022 (J)
1/13/2016	<0.001				
1/14/2016		<0.001	<0.001	<0.001	0.002 (J)
1/25/2016				<0.001	<0.001
1/26/2016	<0.001	<0.001	<0.001		
4/19/2016		0.00112 (J)	<0.001		
4/20/2016	<0.001				
4/21/2016				<0.001	<0.001
6/15/2016	0.00015 (J)				
6/16/2016		0.0011 (J)	0.00026 (J)	0.00014 (J)	0.00046 (J)
8/9/2016	<0.001				
8/10/2016			<0.001	<0.001	<0.001
8/11/2016		0.001 (J)			
9/27/2016	<0.001			<0.001	0.00084 (J)
9/28/2016		0.00062 (J)	<0.001		
11/15/2016	<0.001		<0.001	<0.001	<0.001
11/16/2016		0.00046 (J)			
1/11/2017	<0.001	0.00093 (J)			
1/12/2017					<0.001
1/13/2017				<0.001	
1/16/2017			0.00067 (J)		
3/1/2017	<0.001	0.0006 (J)	<0.001	<0.001	<0.001
4/20/2017	<0.001				
4/24/2017					<0.001
4/25/2017		0.0011 (J)	<0.001	0.00046 (J)	
7/19/2017	0.00047 (J)				
7/25/2017		0.001 (J)	<0.001	<0.001	<0.001
1/11/2018	<0.001				<0.001
1/12/2018		0.00095 (J)	<0.001	<0.001	
7/11/2018	<0.001	0.0007 (J)	<0.001	<0.001	<0.001
1/29/2019	<0.001		<0.001	<0.001	
1/30/2019		<0.001			<0.001
3/27/2019	0.00097	0.0019	<0.001	<0.001	0.00074
9/11/2019	0.00038 (J)	0.0012	0.00057 (J)	0.00066 (J)	0.00064 (J)
4/1/2020	<0.001	0.00067	<0.001	<0.001	<0.001
9/15/2020	<0.001	0.00076 (J)		<0.001	<0.001
9/16/2020			<0.001		
3/16/2021	<0.001		<0.001	<0.001	
3/17/2021		0.00072 (J)			<0.001

Time Series

Constituent: Arsenic (mg/L) Analysis Run 4/27/2021 11:41 AM View: Constituents View

Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-23	GWC-4A[*GWB-4...GWC-5[*GWB-5]...	GWC-9
8/25/2004		<0.001	<0.001
9/11/2004		<0.001	<0.001
9/26/2004		<0.001	<0.001
10/13/2004		<0.001	<0.001
7/11/2005		<0.001	<0.001
12/7/2005		<0.001	<0.001
6/22/2006		<0.001	<0.001
11/28/2006		<0.001	<0.001
7/6/2007		<0.001	<0.001
12/13/2007		<0.001	<0.001
6/20/2008		<0.001	<0.001
12/7/2008		<0.001	<0.001
7/9/2009		<0.001	<0.001
12/29/2009		<0.001	<0.001
12/30/2009		<0.001	
6/22/2010		<0.001	<0.001
1/4/2011		<0.001	
1/5/2011			<0.001
7/9/2011		<0.001	<0.001
7/10/2011		<0.001	
1/21/2012		<0.001	<0.001
7/11/2012		<0.001	<0.001
1/19/2013		<0.001	<0.001
1/20/2013		<0.001	
7/18/2013		<0.001	<0.001
7/19/2013		<0.001	
1/15/2014		<0.001	<0.001
1/16/2014		<0.001	
7/10/2014		<0.001	<0.001
1/15/2015		<0.001	
1/16/2015		<0.001	<0.001
6/19/2015		<0.001	
6/20/2015		<0.001	<0.001
1/14/2016		<0.001	<0.001
4/19/2016			<0.001
4/20/2016		<0.001	<0.001
6/14/2016		0.00016 (J)	5E-05 (J)
6/15/2016			<0.001
6/16/2016	0.00043 (J)		
8/9/2016		<0.001	
8/10/2016	0.0021		<0.001
8/11/2016		0.00096 (J)	
9/27/2016		0.0026	<0.001
9/28/2016	0.0011 (J)		
11/14/2016		0.0017	
11/15/2016		<0.001	<0.001
11/16/2016	0.0011 (J)		
1/10/2017		0.0021	
1/11/2017		<0.001	
1/13/2017			0.00055 (J)
1/17/2017	0.00064 (J)		
1/19/2017		<0.001	

Time Series

Constituent: Arsenic (mg/L) Analysis Run 4/27/2021 11:41 AM View: Constituents View
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-23	GWC-4A[*GWB-4...GWC-5[*GWB-5]...	GWC-9
1/24/2017			0.0027
2/28/2017		0.0027	<0.001
3/1/2017			<0.001
3/2/2017	<0.001		
4/20/2017		0.0014	<0.001
4/24/2017			<0.001
4/25/2017	0.0007 (J)		
7/13/2017	<0.001		
7/18/2017		0.0012 (J)	<0.001
7/24/2017			<0.001
7/25/2017	<0.001		
1/10/2018		0.00068 (J)	<0.001
1/12/2018	<0.001		<0.001
7/11/2018		<0.001	<0.001
7/12/2018	<0.001		<0.001
1/29/2019		<0.001	<0.001
1/30/2019	<0.001		<0.001
3/26/2019		0.0005	<0.001
3/27/2019	0.00079		0.00073
9/10/2019		0.00051 (J)	0.00035 (J)
9/11/2019	0.00051 (J)		0.00044 (J)
3/31/2020		<0.001	<0.001
4/1/2020	<0.001		<0.001
9/15/2020	<0.001		<0.001
9/16/2020		<0.001	<0.001
3/17/2021	<0.001	<0.001	<0.001

Time Series

Constituent: Barium (mg/L) Analysis Run 4/27/2021 11:41 AM View: Constituents View

Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWA-13 (bg)	GWA-14 (bg)	GWA-16[*GWB-1...	GWA-2 (bg)	GWA-3 (bg)
8/25/2004				0.018	0.025
9/11/2004				0.019	0.015
9/26/2004				0.02	0.017
10/13/2004				0.017	0.017
7/11/2005				0.012	0.012
12/7/2005				0.014	0.012
6/22/2006				0.018	0.016
11/28/2006				0.015	0.017
7/6/2007				0.014	0.1 (O)
12/13/2007				0.014	0.01
6/20/2008				0.018	0.026
12/7/2008				0.013	0.097 (O)
7/9/2009				0.019	0.01
12/28/2009				0.012	0.0091
6/22/2010				0.02	0.011
1/4/2011				0.02	
1/5/2011					0.21 (O)
7/9/2011				0.028	0.035
1/20/2012					0.021
1/21/2012				0.026	
7/11/2012				0.038	0.009
1/19/2013					0.01
1/20/2013				0.025	
7/18/2013					0.014
7/19/2013				0.018	
1/15/2014				0.026	0.016
7/11/2014				0.029	0.016
1/15/2015					0.014
1/16/2015				0.021	
6/19/2015					0.013
6/20/2015				0.031	
12/7/2015	0.015	0.018	0.027		
12/14/2015			0.028		
12/15/2015	0.015	0.017			
12/28/2015			0.029		
12/29/2015	0.016	0.018			
1/13/2016	0.017	0.018	0.028		
1/16/2016				0.031	0.021
1/25/2016	0.017	0.018	0.027		
4/19/2016				0.0305	0.0217
4/20/2016	0.0144	0.0143	0.0259		
6/14/2016	0.015	0.012		0.03	0.024
6/15/2016			0.024		
8/9/2016	0.013	0.011	0.023	0.032	0.023
9/26/2016				0.031	
9/27/2016	0.015	0.01	0.021		0.016
11/14/2016					0.014
11/15/2016	0.015	0.012	0.023	0.033	
1/10/2017				0.031	0.015
1/11/2017		0.011	0.021		
1/12/2017	0.012				
2/28/2017	0.016	0.011		0.033	0.017

Time Series

Constituent: Barium (mg/L) Analysis Run 4/27/2021 11:41 AM View: Constituents View

Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWA-13 (bg)	GWA-14 (bg)	GWA-16[*GWB-1...	GWA-2 (bg)	GWA-3 (bg)
3/1/2017			0.022		
4/19/2017				0.032	0.013
4/20/2017	0.015	0.011	0.022		
7/17/2017				0.033	
7/18/2017	0.015				0.012
7/19/2017		0.012	0.024		
1/10/2018	0.015			0.034	0.016
1/11/2018		0.012	0.022		
7/11/2018	0.015	0.012	0.023	0.035	0.015
1/29/2019	0.019	0.013	0.026	0.034	0.017
3/26/2019	0.016	0.012	0.023		
3/27/2019				0.03	0.014
9/10/2019	0.03	0.016	0.039		
9/11/2019				0.034	0.015
3/31/2020	0.015				
4/1/2020		0.013	0.022	0.037	0.014
9/15/2020	0.014	0.012	0.024	0.036	0.015
3/16/2021	0.018	0.013	0.025	0.035	0.015

Time Series

Constituent: Barium (mg/L) Analysis Run 4/27/2021 11:41 AM View: Constituents View

Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-1	GWC-10	GWC-11	GWC-12	GWC-15[*GWB-1...
8/25/2004	0.02	0.036	0.018	0.014	
9/11/2004	0.021	0.036	0.022	0.014	
9/26/2004	0.019	0.035	0.022	0.014	
10/13/2004		0.035	0.017	0.013	
7/11/2005	0.017	0.017	0.015	0.011	
12/7/2005	0.018	0.017	0.012	0.012	
6/22/2006	0.018	0.015	0.012	0.012	
11/28/2006	0.026	0.032	0.013	0.011	
7/6/2007	0.014	0.03	0.012	0.014	
12/13/2007	0.013	0.039	0.013	0.011	
6/20/2008	0.019	0.038	0.026	0.011	
12/7/2008	0.019	0.034	0.093 (O)	0.01	
7/9/2009	0.029				
7/10/2009		0.032	0.013	0.011	
12/28/2009	0.039			0.011	
12/29/2009		0.03	0.012		
6/22/2010	0.032	0.024	0.014	0.011	
1/4/2011	0.024	0.017		0.013	
1/5/2011			0.011		
7/9/2011	0.034		0.012	0.015	
7/10/2011		0.03			
1/20/2012				0.013	
1/21/2012	0.022	0.022	0.017		
7/11/2012	0.023	0.025	0.015	0.015	
1/19/2013			0.013	0.014	
1/20/2013	0.027	0.029			
7/18/2013				0.013	
7/19/2013	0.037	0.02	0.012		
1/15/2014	0.032		0.012	0.013	
1/16/2014		0.022			
7/10/2014		0.018			
7/11/2014	0.034		0.012	0.016	
1/15/2015				0.012	
1/16/2015	0.032	0.019	0.011		
6/19/2015				0.015	
6/20/2015	0.037	0.021	0.013		
12/7/2015					0.027
12/15/2015					0.028
12/28/2015					0.026
1/13/2016					0.026
1/14/2016			0.016		
1/16/2016	0.051	0.019		0.013	
1/25/2016					0.027
4/20/2016	0.0554		0.0113	0.0114	
4/21/2016		0.0178			0.0262
6/15/2016	0.046		0.013	0.0095 (J)	0.024
6/16/2016		0.022			
8/9/2016					0.023
8/10/2016	0.042	0.015	0.01	0.0094	
9/27/2016	0.042	0.014	0.01	0.011	0.023
11/15/2016	0.042	0.015	0.011	0.0096	0.023
1/11/2017					0.022

Time Series

Constituent: Barium (mg/L) Analysis Run 4/27/2021 11:41 AM View: Constituents View
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-1	GWC-10	GWC-11	GWC-12	GWC-15[*GWB-1...
1/12/2017	0.046	0.015	0.01	0.01	
1/23/2017	0.023				
2/28/2017					0.023
3/1/2017	0.048	0.017	0.011	0.011	
4/20/2017	0.046			0.01	0.024
4/24/2017		0.014	0.01		
7/19/2017	0.045				0.025
7/20/2017				0.011	
7/24/2017		0.015	0.0089		
1/11/2018	0.046	0.013	0.01	0.01	0.023
7/11/2018					0.025
7/12/2018	0.045	0.024	0.016	0.011	
1/29/2019					0.027
1/30/2019	0.05	0.023	0.014 (J)	0.011 (J)	
3/26/2019					0.028
3/27/2019	0.045	0.019	0.013	0.0099	
9/11/2019	0.038	0.021	0.011	0.01	0.023
4/1/2020	0.041	0.035		0.0097 (J)	0.026
4/2/2020			0.011		
9/15/2020	0.038	0.023	0.015		0.023
9/16/2020				0.011	
3/16/2021	0.039	0.019		0.01	
3/17/2021			0.016		0.028

Time Series

Constituent: Barium (mg/L) Analysis Run 4/27/2021 11:41 AM View: Constituents View

Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-17 (bg)	GWC-18 (bg)	GWC-19	GWC-20	GWC-21
12/8/2015	0.021	0.053	0.057		
12/9/2015				0.039	0.024
12/14/2015	0.021	0.049		0.045	0.027
12/15/2015			0.052		
12/28/2015	0.02	0.048	0.041		
12/29/2015				0.045	0.027
1/13/2016	0.019				
1/14/2016		0.048	0.038	0.034	0.025
1/25/2016				0.038	0.023
1/26/2016	0.019	0.044	0.034		
4/19/2016		0.0308	0.023		
4/20/2016	0.0188				
4/21/2016				0.0325	0.0165
6/15/2016	0.017				
6/16/2016		0.029	0.017	0.027	0.018
8/9/2016	0.018				
8/10/2016			0.013	0.025	0.014
8/11/2016		0.023			
9/27/2016	0.016			0.023	0.018
9/28/2016		0.024	0.013		
11/15/2016	0.017		0.013	0.022	0.015
11/16/2016		0.022			
1/11/2017	0.017	0.017			
1/12/2017					0.014
1/13/2017				0.021	
1/16/2017			0.014		
3/1/2017	0.017	0.02	0.017	0.021	0.015
4/20/2017	0.016				
4/24/2017					0.015
4/25/2017		0.02	0.015	0.02	
7/19/2017	0.017				
7/25/2017		0.017	0.012	0.02	0.015
1/11/2018	0.017				0.016
1/12/2018		0.015	0.014	0.021	
7/11/2018	0.017	0.013	0.018	0.021	0.017
1/29/2019	0.02		0.016	0.017	
1/30/2019		0.02			0.017
3/27/2019	0.017	0.014	0.013	0.018	0.016
9/11/2019	0.021	0.018	0.015	0.021	0.019
4/1/2020	0.019	0.013	0.013	0.016	0.018
9/15/2020	0.018	0.014		0.021	0.021
9/16/2020			0.012		
3/16/2021	0.017		0.0099 (J)	0.016	
3/17/2021		0.013			0.019

Time Series

Constituent: Barium (mg/L) Analysis Run 4/27/2021 11:41 AM View: Constituents View

Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-23	GWC-4A[*GWB-4...	GWC-5[*GWB-5]...	GWC-9
8/25/2004		0.0096	0.016	0.029
9/11/2004		0.024	0.02	0.031
9/26/2004		0.027	0.016	0.03
10/13/2004		0.022	0.014	0.024
7/11/2005		0.029	0.014	0.022
12/7/2005		0.023	0.014	0.032
6/22/2006		0.026	0.019	0.026
11/28/2006		0.039	0.016	0.02
7/6/2007		0.037	0.018	0.018
12/13/2007		0.029	0.015	0.017
6/20/2008		0.037	0.018	0.018
12/7/2008		0.025	0.016	0.016
7/9/2009		0.028	0.019	0.019
12/29/2009			0.02	0.02
12/30/2009		0.017		
6/22/2010		0.032	0.027	0.022
1/4/2011		0.02	0.025	
1/5/2011				0.021
7/9/2011			0.022	0.021
7/10/2011		0.032		
1/21/2012		0.026	0.024	0.021
7/11/2012		0.023	0.024	0.021
1/19/2013			0.026	0.024
1/20/2013		0.011		
7/18/2013			0.024	0.024
7/19/2013		0.018		
1/15/2014			0.026	0.022
1/16/2014		0.015		
7/10/2014		0.025	0.036	0.023
1/15/2015			0.035	
1/16/2015		0.022		0.015
6/19/2015			0.066	
6/20/2015		0.015		0.024
1/14/2016		0.016	0.059	0.026
4/19/2016				0.0274
4/20/2016		0.0234	0.0553	
6/14/2016		0.019	0.035	
6/15/2016				0.024
6/16/2016	0.057			
8/9/2016			0.035	
8/10/2016	0.072			0.031
8/11/2016		0.024		
9/27/2016		0.035	0.038	0.029
9/28/2016	0.076			
11/14/2016		0.034		
11/15/2016			0.039	0.029
11/16/2016	0.057			
1/10/2017		0.021		
1/11/2017			0.037	
1/13/2017				0.025
1/17/2017	0.049			
1/19/2017			0.079	

Time Series

Constituent: Barium (mg/L) Analysis Run 4/27/2021 11:42 AM View: Constituents View
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-23	GWC-4A[*GWB-4...GWC-5[*GWB-5]...	GWC-9
1/24/2017		0.42 (o)	
2/28/2017		0.021	0.042
3/1/2017			0.03
3/2/2017	0.067		
4/20/2017		0.019	0.04
4/24/2017			0.024
4/25/2017	0.049		
7/13/2017	0.04		
7/18/2017		0.018	0.04
7/24/2017			0.026
7/25/2017	0.038		
1/10/2018		0.021	0.048
1/12/2018	0.037		0.027
7/11/2018		0.029	0.044
7/12/2018	0.037		0.031
1/29/2019		0.025	0.05
1/30/2019	0.034		0.032
3/26/2019		0.023	0.046
3/27/2019	0.027		0.023
9/10/2019		0.026	0.044
9/11/2019	0.023		0.029
3/31/2020		0.017	0.044
4/1/2020	0.024		0.021
9/15/2020	0.024		0.041
9/16/2020		0.016	0.033
3/17/2021	0.024	0.014	0.04

Time Series

Constituent: Beryllium (mg/L) Analysis Run 4/27/2021 11:42 AM View: Constituents View

Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWA-13 (bg)	GWA-14 (bg)	GWA-16[*GWB-1...	GWA-2 (bg)	GWA-3 (bg)
8/25/2004				<0.0025	<0.0025
9/11/2004				<0.0025	<0.0025
9/26/2004				<0.0025	<0.0025
10/13/2004				<0.0025	<0.0025
7/11/2005				<0.0025	<0.0025
12/7/2005				<0.0025	<0.0025
6/22/2006				<0.0025	<0.0025
11/28/2006				<0.0025	<0.0025
7/6/2007				<0.0025	<0.0025
12/13/2007				<0.0025	<0.0025
6/20/2008				<0.0025	<0.0025
12/7/2008				<0.0025	<0.0025
7/9/2009				<0.0025	<0.0025
12/28/2009				<0.0025	<0.0025
6/22/2010				<0.0025	<0.0025
1/4/2011				<0.0025	
1/5/2011					0.0018
7/9/2011				<0.0025	<0.0025
1/20/2012					<0.0025
1/21/2012				<0.0025	
7/11/2012				<0.0025	<0.0025
1/19/2013					<0.0025
1/20/2013				<0.0025	
7/18/2013					<0.0025
7/19/2013				<0.0025	
1/15/2014				0.00011 (J)	<0.0025
7/11/2014				0.0001 (J)	<0.0025
1/15/2015					<0.0025
1/16/2015				<0.0025	
6/19/2015					<0.0025
6/20/2015				<0.0025	
12/7/2015	<0.0025	<0.0025	<0.0025		
12/14/2015			<0.0025		
12/15/2015	<0.0025	<0.0025			
12/28/2015			<0.0025		
12/29/2015		<0.0025			
1/13/2016	<0.0025	<0.0025	<0.0025		
1/16/2016				<0.0025	<0.0025
1/25/2016	<0.0025	<0.0025	<0.0025		
4/19/2016				<0.0025	<0.0025
4/20/2016	<0.0025	<0.0025	<0.0025		
6/14/2016	7.1E-05 (J)	4.4E-05 (J)		6.5E-05 (J)	3.2E-05 (J)
6/15/2016			0.00011 (J)		
8/9/2016	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
9/26/2016				<0.0025	
9/27/2016	<0.0025	<0.0025	<0.0025		<0.0025
11/14/2016					<0.0025
11/15/2016	<0.0025	<0.0025	<0.0025	<0.0025	
1/10/2017				<0.0025	<0.0025
1/11/2017		<0.0025	<0.0025		
1/12/2017	<0.0025				
2/28/2017	<0.0025	<0.0025		<0.0025	<0.0025

Time Series

Constituent: Beryllium (mg/L) Analysis Run 4/27/2021 11:42 AM View: Constituents View
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWA-13 (bg)	GWA-14 (bg)	GWA-16[*GWB-1...	GWA-2 (bg)	GWA-3 (bg)
3/1/2017			<0.0025		
4/19/2017				<0.0025	<0.0025
4/20/2017	<0.0025	<0.0025	<0.0025		
7/17/2017				<0.0025	
7/18/2017	<0.0025				<0.0025
7/19/2017		<0.0025	<0.0025		
1/10/2018	<0.0025			<0.0025	<0.0025
1/11/2018		<0.0025	<0.0025		
7/11/2018	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
1/29/2019	<0.0025	<0.0025	<0.0025	6.3E-05 (J)	<0.0025
3/26/2019	<0.0025	<0.0025	<0.0025		
3/27/2019				<0.0025	<0.0025
9/10/2019	0.0008 (J)	0.00025 (J)	0.00036 (J)		
9/11/2019				<0.0025	<0.0025
3/31/2020	<0.0025				
4/1/2020		<0.0025	<0.0025	<0.0025	<0.0025
9/15/2020	<0.0025	<0.0025	<0.0025	0.00024 (J)	<0.0025
3/16/2021	0.0002 (J)	<0.0025	<0.0025	<0.0025	<0.0025

Time Series

Constituent: Beryllium (mg/L) Analysis Run 4/27/2021 11:42 AM View: Constituents View

Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-1	GWC-10	GWC-11	GWC-12	GWC-15[*GWB-1...
8/25/2004	<0.0025	<0.0025	<0.0025	<0.0025	
9/11/2004	<0.0025	<0.0025	<0.0025	<0.0025	
9/26/2004	<0.0025	<0.0025	<0.0025	<0.0025	
10/13/2004		<0.0025	<0.0025	<0.0025	
7/11/2005	<0.0025	<0.0025	<0.0025	<0.0025	
12/7/2005	<0.0025	<0.0025	<0.0025	<0.0025	
6/22/2006	<0.0025	<0.0025	<0.0025	<0.0025	
11/28/2006	<0.0025	<0.0025	<0.0025	<0.0025	
7/6/2007	<0.0025	<0.0025	<0.0025	<0.0025	
12/13/2007	<0.0025	<0.0025	<0.0025	<0.0025	
6/20/2008	<0.0025	<0.0025	<0.0025	<0.0025	
12/7/2008	<0.0025	<0.0025	<0.0025	<0.0025	
7/9/2009	<0.0025				
7/10/2009		<0.0025	<0.0025	<0.0025	
12/28/2009	<0.0025			<0.0025	
12/29/2009		<0.0025	<0.0025		
6/22/2010	<0.0025	<0.0025	<0.0025	<0.0025	
1/4/2011	<0.0025	<0.0025		<0.0025	
1/5/2011			<0.0025		
7/9/2011	<0.0025		<0.0025	<0.0025	
7/10/2011		<0.0025			
1/20/2012				<0.0025	
1/21/2012	<0.0025	<0.0025	<0.0025		
7/11/2012	<0.0025	<0.0025	<0.0025	<0.0025	
1/19/2013			<0.0025	<0.0025	
1/20/2013	<0.0025	<0.0025			
7/18/2013				<0.0025	
7/19/2013	<0.0025	<0.0025	<0.0025		
1/15/2014	0.00016 (J)		<0.0025	0.00017 (J)	
1/16/2014		<0.0025			
7/10/2014		<0.0025			
7/11/2014	0.00018 (J)		<0.0025	0.00024 (J)	
1/15/2015				0.00015 (J)	
1/16/2015	0.00016 (J)	<0.0025	<0.0025		
6/19/2015				0.00016 (J)	
6/20/2015	0.00017 (J)	0.00013 (J)	<0.0025		
12/7/2015				<0.0025	
12/15/2015				<0.0025	
12/28/2015				<0.0025	
1/13/2016				<0.0025	
1/14/2016			<0.0025		
1/16/2016	8E-05 (J)	<0.0025		0.00014 (J)	
1/25/2016					<0.0025
4/20/2016	<0.0025		<0.0025	<0.0025	
4/21/2016		<0.0025			<0.0025
6/15/2016	0.00012 (J)		<0.0025	0.00014 (J)	3.8E-05 (J)
6/16/2016		8.5E-05 (J)			
8/9/2016					<0.0025
8/10/2016	<0.0025	<0.0025	<0.0025	<0.0025	
9/27/2016	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
11/15/2016	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
1/11/2017					<0.0025

Time Series

Constituent: Beryllium (mg/L) Analysis Run 4/27/2021 11:42 AM View: Constituents View
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-1	GWC-10	GWC-11	GWC-12	GWC-15[*GWB-1...
1/12/2017	<0.0025	<0.0025	<0.0025	<0.0025	
1/23/2017	<0.0025				
2/28/2017					<0.0025
3/1/2017	<0.0025	<0.0025	<0.0025	<0.0025	
4/20/2017	<0.0025			<0.0025	<0.0025
4/24/2017		<0.0025	<0.0025		
7/19/2017	<0.0025				<0.0025
7/20/2017				<0.0025	
7/24/2017		<0.0025	<0.0025		
1/11/2018	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
7/11/2018					<0.0025
7/12/2018	<0.0025	<0.0025	<0.0025	<0.0025	
1/29/2019					<0.0025
1/30/2019	<0.0025	<0.0025	<0.0025	<0.0025	
3/26/2019					<0.0025
3/27/2019	<0.0025	<0.0025	<0.0025	<0.0025	
9/11/2019	0.00021 (J)	<0.0025	<0.0025	0.00022 (J)	<0.0025
4/1/2020	<0.0025	<0.0025		<0.0025	<0.0025
4/2/2020			0.00023 (J)		
9/15/2020	<0.0025	<0.0025	<0.0025		<0.0025
9/16/2020				<0.0025	
3/16/2021	0.00022 (J)	0.00033 (J)		0.00037 (J)	
3/17/2021			0.00048 (J)		<0.0025

Time Series

Constituent: Beryllium (mg/L) Analysis Run 4/27/2021 11:42 AM View: Constituents View

Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-17 (bg)	GWC-18 (bg)	GWC-19	GWC-20	GWC-21
12/8/2015	0.00046 (J)	<0.0025	0.00018 (J)		
12/9/2015				0.00026 (J)	<0.0025
12/14/2015	0.00052 (J)	<0.0025		0.00032 (J)	<0.0025
12/15/2015			0.00014 (J)		
12/28/2015	0.00057 (J)	<0.0025	9E-05 (J)		
12/29/2015				0.00043 (J)	<0.0025
1/13/2016	0.00056 (J)				
1/14/2016		<0.0025	0.0001 (J)	0.00032 (J)	<0.0025
1/25/2016				0.00038 (J)	<0.0025
1/26/2016	0.00057 (J)	<0.0025	0.00011 (J)		
4/19/2016		<0.0025	<0.0025		
4/20/2016	<0.003 (o)				
4/21/2016				<0.0025	<0.0025
6/15/2016	0.00056 (J)				
6/16/2016		<0.0025	0.00011 (J)	0.00032 (J)	<0.0025
8/9/2016	0.00054 (J)				
8/10/2016			<0.0025	<0.0025	<0.0025
8/11/2016		<0.0025			
9/27/2016	0.00056 (J)			<0.0025	0.00064 (J)
9/28/2016		<0.0025	<0.0025		
11/15/2016	0.00047 (J)		<0.0025	<0.0025	<0.0025
11/16/2016		<0.0025			
1/11/2017	0.00066 (J)	<0.0025			
1/12/2017					<0.0025
1/13/2017				<0.0025	
1/16/2017			<0.0025		
3/1/2017	0.00066 (J)	<0.0025	<0.0025	<0.0025	<0.0025
4/20/2017	0.00055 (J)				
4/24/2017					<0.0025
4/25/2017		<0.0025	<0.0025	<0.0025	
7/19/2017	0.00061 (J)				
7/25/2017		<0.0025	<0.0025	<0.0025	<0.0025
1/11/2018	0.00064 (J)				<0.0025
1/12/2018		<0.0025	<0.0025	<0.0025	
7/11/2018	0.00065 (J)	<0.0025	<0.0025	<0.0025	<0.0025
1/29/2019	0.00062 (J)		0.00023 (J)	0.00016 (J)	
1/30/2019		<0.0025			<0.0025
3/27/2019	0.00062	<0.0025	<0.0025	<0.0025	<0.0025
9/11/2019	0.001	0.00026 (J)	0.00058 (J)	0.00052 (J)	0.00054 (J)
4/1/2020	0.00058 (J)	<0.0025	<0.0025	<0.0025	<0.0025
9/15/2020	0.00063 (J)	<0.0025		0.00025 (J)	<0.0025
9/16/2020			0.00022 (J)		
3/16/2021	0.00062 (J)		0.00024 (J)	0.00022 (J)	
3/17/2021		<0.0025			<0.0025

Time Series

Constituent: Beryllium (mg/L) Analysis Run 4/27/2021 11:42 AM View: Constituents View

Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-23	GWC-4A[*GWB-4...GWC-5[*GWB-5]...	GWC-9
8/25/2004		<0.0025	<0.0025
9/11/2004		<0.0025	<0.0025
9/26/2004		<0.0025	<0.0025
10/13/2004		<0.0025	<0.0025
7/11/2005		<0.0025	0.0011
12/7/2005		<0.0025	<0.0025
6/22/2006		<0.0025	<0.0025
11/28/2006		<0.0025	<0.0025
7/6/2007		<0.0025	<0.0025
12/13/2007		<0.0025	<0.0025
6/20/2008		<0.0025	<0.0025
12/7/2008		<0.0025	<0.0025
7/9/2009		<0.0025	<0.0025
12/29/2009		<0.0025	<0.0025
12/30/2009		<0.0025	
6/22/2010		<0.0025	<0.0025
1/4/2011		<0.0025	
1/5/2011			<0.0025
7/9/2011		<0.0025	<0.0025
7/10/2011		<0.0025	
1/21/2012		<0.0025	<0.0025
7/11/2012		<0.0025	<0.0025
1/19/2013		<0.0025	<0.0025
1/20/2013		<0.0025	
7/18/2013		<0.0025	<0.0025
7/19/2013		<0.0025	
1/15/2014		<0.0025	<0.0025
1/16/2014		<0.0025	
7/10/2014		0.0001 (J)	<0.0025
1/15/2015		<0.0025	
1/16/2015		<0.0025	<0.0025
6/19/2015		0.00013 (J)	
6/20/2015		<0.0025	<0.0025
1/14/2016		<0.0025	<0.0025
4/19/2016			<0.0025
4/20/2016		<0.0025	<0.0025
6/14/2016		8.7E-05 (J)	5.4E-05 (J)
6/15/2016			7.7E-05 (J)
6/16/2016	<0.0025		
8/9/2016		<0.0025	
8/10/2016	<0.0025		<0.0025
8/11/2016		<0.0025	
9/27/2016		<0.0025	<0.0025
9/28/2016	<0.0025		
11/14/2016		<0.0025	
11/15/2016		<0.0025	<0.0025
11/16/2016	<0.0025		
1/10/2017		<0.0025	
1/11/2017		<0.0025	
1/13/2017			<0.0025
1/17/2017	<0.0025		
1/19/2017		<0.0025	

Time Series

Constituent: Beryllium (mg/L) Analysis Run 4/27/2021 11:42 AM View: Constituents View
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-23	GWC-4A[*GWB-4...GWC-5[*GWB-5]...	GWC-9
1/24/2017		<0.0025	<0.0025
2/28/2017		<0.0025	<0.0025
3/1/2017			<0.0025
3/2/2017	<0.0025		
4/20/2017		<0.0025	<0.0025
4/24/2017			<0.0025
4/25/2017	<0.0025		
7/13/2017	<0.0025		
7/18/2017		<0.0025	<0.0025
7/24/2017			<0.0025
7/25/2017	<0.0025		
1/10/2018		<0.0025	<0.0025
1/12/2018	<0.0025		<0.0025
7/11/2018		<0.0025	<0.0025
7/12/2018	<0.0025		<0.0025
1/29/2019		0.00011 (J)	<0.0025
1/30/2019	<0.0025		<0.0025
3/26/2019		<0.0025	<0.0025
3/27/2019	<0.0025		<0.0025
9/10/2019		0.0006 (J)	<0.0025
9/11/2019	0.00026 (J)		0.00021 (J)
3/31/2020		<0.0025	<0.0025
4/1/2020	<0.0025		<0.0025
9/15/2020	<0.0025		<0.0025
9/16/2020		<0.0025	<0.0025
3/17/2021	0.00018 (J)	<0.0025	<0.0025
			0.00024 (J)

Time Series

Constituent: Boron (mg/L) Analysis Run 4/27/2021 11:42 AM View: Constituents View

Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWA-13 (bg)	GWA-14 (bg)	GWA-16[*GWB-1...	GWA-2 (bg)	GWA-3 (bg)
4/19/2016				<0.08	<0.08
4/20/2016	<0.08	<0.08	<0.08		
6/14/2016	0.0086 (J)	0.0098 (J)		0.012 (J)	0.0077 (J)
6/15/2016			0.0085 (J)		
8/9/2016	<0.08	<0.08	<0.08	<0.08	<0.08
9/26/2016				<0.08	
9/27/2016	<0.08	<0.08	<0.08		<0.08
11/14/2016					<0.08
11/15/2016	<0.08	<0.08	<0.08	<0.08	
1/10/2017				<0.08	<0.08
1/11/2017		<0.08	<0.08		
1/12/2017	<0.08				
2/28/2017	<0.08	<0.08		0.022 (J)	<0.08
3/1/2017			<0.08		
4/19/2017				<0.08	<0.08
4/20/2017	<0.08	<0.08	<0.08		
10/10/2017				<0.08	
10/11/2017	<0.08	<0.08	<0.08		<0.08
1/10/2018	<0.08			<0.08	<0.08
1/11/2018		<0.08	<0.08		
7/11/2018	<0.08	<0.08	<0.08	<0.08	<0.08
1/29/2019	<0.08	<0.08	<0.08	<0.08	<0.08
3/26/2019	<0.08	<0.08	<0.08		
3/27/2019				<0.08	<0.08
9/10/2019	0.061 (J)	<0.08	<0.08		
9/11/2019				<0.08	<0.08
3/31/2020	<0.08				
4/1/2020		<0.08	<0.08	0.042 (J)	<0.08
9/15/2020	<0.08	<0.08	<0.08	<0.08	0.061 (J)
3/16/2021	<0.08	<0.08	<0.08	<0.08	<0.08

Time Series

Constituent: Boron (mg/L) Analysis Run 4/27/2021 11:42 AM View: Constituents View

Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-1	GWC-10	GWC-11	GWC-12	GWC-15[*GWB-1...
4/20/2016	<0.08		<0.08	<0.08	
4/21/2016		<0.08			<0.08
6/15/2016	0.017 (J)		0.011 (J)	0.01 (J)	0.0095 (J)
6/16/2016		0.017 (J)			
8/9/2016					<0.08
8/10/2016	<0.08	<0.08	<0.08	<0.08	
9/27/2016	<0.08	<0.08	<0.08	<0.08	<0.08
11/15/2016	<0.08	0.021 (J)	<0.08	<0.08	<0.08
1/11/2017					<0.08
1/12/2017	<0.08	0.041 (J)	<0.08	<0.08	
2/28/2017					<0.08
3/1/2017	<0.08	0.052	<0.08	<0.08	
4/20/2017	<0.08			<0.08	<0.08
4/24/2017		0.064	<0.08		
10/11/2017	<0.08		<0.08		<0.08
10/12/2017		0.06		<0.08	
12/12/2017		0.086			
1/11/2018	<0.08	0.06	<0.08	<0.08	<0.08
7/11/2018					<0.08
7/12/2018	<0.08	0.054	<0.08	<0.08	
1/29/2019					<0.08
1/30/2019	<0.08	0.055	<0.08	<0.08	
3/26/2019					<0.08
3/27/2019	<0.08	0.05	<0.08	<0.08	
9/11/2019	<0.08	0.067 (J)	<0.08	<0.08	<0.08
4/1/2020	<0.08	0.068 (J)		<0.08	<0.08
4/2/2020			0.066 (J)		
9/15/2020	<0.08	0.062 (J)	<0.08		<0.08
9/16/2020				<0.08	
3/16/2021	<0.08	0.045 (J)		<0.08	
3/17/2021			<0.08		<0.08

Time Series

Constituent: Boron (mg/L) Analysis Run 4/27/2021 11:42 AM View: Constituents View

Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-17 (bg)	GWC-18 (bg)	GWC-19	GWC-20	GWC-21
4/19/2016		<0.08	<0.08		
4/20/2016	<0.08				
4/21/2016				<0.08	<0.08
6/15/2016	0.0095 (J)				
6/16/2016		0.011 (J)	0.0069 (J)	0.012 (J)	0.012 (J)
8/9/2016	<0.08				
8/10/2016			<0.08	<0.08	<0.08
8/11/2016		<0.08			
9/27/2016	<0.08			<0.08	<0.08
9/28/2016		<0.08	<0.08		
11/15/2016	<0.08		<0.08	<0.08	<0.08
11/16/2016		<0.08			
1/11/2017	<0.08	<0.08			
1/12/2017					<0.08
1/13/2017				<0.08	
1/16/2017			<0.08		
3/1/2017	<0.08	<0.08	<0.08	<0.08	<0.08
4/20/2017	<0.08				
4/24/2017					<0.08
4/25/2017		<0.08	<0.08	<0.08	
10/11/2017	<0.08				
10/12/2017		<0.08	<0.08	<0.08	<0.08
1/11/2018	<0.08				<0.08
1/12/2018		<0.08	<0.08	<0.08	
7/11/2018	<0.08	<0.08	<0.08	<0.08	<0.08
1/29/2019	<0.08		<0.08	<0.08	
1/30/2019		<0.08			<0.08
3/27/2019	<0.08	<0.08	<0.08	<0.08	<0.08
9/11/2019	<0.08	<0.08	<0.08	0.042 (J)	0.055 (J)
4/1/2020	<0.08	<0.08	<0.08	<0.08	<0.08
9/15/2020	<0.08	<0.08		<0.08	<0.08
9/16/2020			0.046 (J)		
3/16/2021	<0.08		<0.08	<0.08	
3/17/2021		<0.08			<0.08

Time Series

Constituent: Boron (mg/L) Analysis Run 4/27/2021 11:42 AM View: Constituents View

Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-23	GWC-4A[*GWB-4...GWC-5[*GWB-5]...	GWC-9
4/19/2016			<0.08
4/20/2016		<0.08	<0.08
6/14/2016		0.01 (J)	0.011 (J)
6/15/2016			0.018 (J)
6/16/2016	0.017 (J)		
8/9/2016		<0.08	
8/10/2016	<0.08		<0.08
8/11/2016		<0.08	
9/27/2016		<0.08	<0.08
9/28/2016	<0.08		
11/14/2016		<0.08	
11/15/2016			<0.08
11/16/2016	<0.08		
1/10/2017		<0.08	
1/11/2017			<0.08
1/13/2017			<0.08
1/17/2017	<0.08		
2/28/2017		<0.08	<0.08
3/1/2017			<0.08
3/2/2017	<0.08		
4/20/2017		<0.08	<0.08
4/24/2017			<0.08
4/25/2017	<0.08		
7/13/2017	<0.08		
10/10/2017		<0.08	
10/11/2017			<0.08
10/12/2017	<0.08		<0.08
1/10/2018		<0.08	<0.08
1/12/2018	<0.08		<0.08
7/11/2018		<0.08	<0.08
7/12/2018	<0.08		<0.08
1/29/2019		<0.08	<0.08
1/30/2019	<0.08		<0.08
3/26/2019		<0.08	<0.08
3/27/2019	<0.08		<0.08
9/10/2019		0.052 (J)	<0.08
9/11/2019	0.04 (J)		<0.08
3/31/2020		<0.08	<0.08
4/1/2020	<0.08		<0.08
9/15/2020	<0.08		0.047 (J)
9/16/2020		0.056 (J)	0.042 (J)
3/17/2021	<0.08	<0.08	<0.08

Time Series

Constituent: Cadmium (mg/L) Analysis Run 4/27/2021 11:42 AM View: Constituents View

Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWA-13 (bg)	GWA-14 (bg)	GWA-16[*]GWB-1...	GWA-2 (bg)	GWA-3 (bg)
8/25/2004				<0.0025	<0.0025
9/11/2004				<0.0025	<0.0025
9/26/2004				<0.0025	<0.0025
10/13/2004				<0.0025	<0.0025
7/11/2005				<0.0025	<0.0025
12/7/2005				<0.0025	<0.0025
6/22/2006				<0.0025	<0.0025
11/28/2006				<0.0025	<0.0025
7/6/2007				<0.0025	<0.0025
12/13/2007				<0.0025	<0.0025
6/20/2008				<0.0025	<0.0025
12/7/2008				<0.0025	<0.0025
7/9/2009				<0.0025	<0.0025
12/28/2009				<0.0025	<0.0025
6/22/2010				<0.0025	<0.0025
1/4/2011				<0.0025	
1/5/2011					<0.0025
7/9/2011				<0.0025	<0.0025
1/20/2012					<0.0025
1/21/2012				<0.0025	
7/11/2012				<0.0025	<0.0025
1/19/2013					<0.0025
1/20/2013				<0.0025	
7/18/2013					<0.0025
7/19/2013				<0.0025	
1/15/2014				<0.0025	<0.0025
7/11/2014				<0.0025	<0.0025
1/15/2015					<0.0025
1/16/2015				<0.0025	
6/19/2015					<0.0025
6/20/2015				<0.0025	
12/7/2015	<0.0025	<0.0025	<0.0025		
12/14/2015			<0.0025		
12/15/2015	<0.0025	<0.0025			
12/28/2015			<0.0025		
12/29/2015	<0.0025	<0.0025			
1/13/2016	<0.0025	<0.0025	<0.0025		
1/16/2016				<0.0025	<0.0025
1/25/2016	<0.0025	<0.0025	<0.0025		
4/19/2016				<0.0025	<0.0025
4/20/2016	<0.0025	<0.0025	<0.0025		
6/14/2016	0.001	6.2E-05 (J)		<0.0025	<0.0025
6/15/2016			<0.0025		
8/9/2016	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
9/26/2016				<0.0025	
9/27/2016	<0.0025	<0.0025	<0.0025		<0.0025
11/14/2016					<0.0025
11/15/2016	<0.0025	<0.0025	<0.0025	<0.0025	
1/10/2017				<0.0025	<0.0025
1/11/2017		<0.0025	<0.0025		
1/12/2017	<0.0025				
2/28/2017	<0.0025	<0.0025		<0.0025	<0.0025

Time Series

Constituent: Cadmium (mg/L) Analysis Run 4/27/2021 11:42 AM View: Constituents View
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWA-13 (bg)	GWA-14 (bg)	GWA-16[*GWB-1...	GWA-2 (bg)	GWA-3 (bg)
3/1/2017			<0.0025		
4/19/2017				<0.0025	<0.0025
4/20/2017	<0.0025	<0.0025	<0.0025		
7/17/2017				<0.0025	
7/18/2017	<0.0025				<0.0025
7/19/2017		<0.0025	<0.0025		
1/10/2018	<0.0025			<0.0025	<0.0025
1/11/2018		<0.0025	<0.0025		
7/11/2018	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
1/29/2019	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
3/26/2019	<0.0025	<0.0025	<0.0025		
3/27/2019				<0.0025	<0.0025
9/10/2019	0.00035 (J)	<0.0025	0.00015 (J)		
9/11/2019				<0.0025	<0.0025
3/31/2020	<0.0025				
4/1/2020		<0.0025	<0.0025	<0.0025	<0.0025
9/15/2020	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
3/16/2021	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025

Time Series

Constituent: Cadmium (mg/L) Analysis Run 4/27/2021 11:42 AM View: Constituents View

Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-1	GWC-10	GWC-11	GWC-12	GWC-15[*GWB-1...
8/25/2004	<0.0025	<0.0025	<0.0025	<0.0025	
9/11/2004	<0.0025	<0.0025	<0.0025	<0.0025	
9/26/2004	<0.0025	<0.0025	<0.0025	<0.0025	
10/13/2004		<0.0025	<0.0025	<0.0025	
7/11/2005	<0.0025	<0.0025	<0.0025	<0.0025	
12/7/2005	<0.0025	<0.0025	<0.0025	<0.0025	
6/22/2006	<0.0025	<0.0025	<0.0025	<0.0025	
11/28/2006	<0.0025	<0.0025	<0.0025	<0.0025	
7/6/2007	<0.0025	<0.0025	<0.0025	<0.0025	
12/13/2007	<0.0025	<0.0025	<0.0025	<0.0025	
6/20/2008	<0.0025	<0.0025	<0.0025	<0.0025	
12/7/2008	<0.0025	<0.0025	<0.0025	<0.0025	
7/9/2009	<0.0025				
7/10/2009		<0.0025	<0.0025	<0.0025	
12/28/2009	<0.0025			<0.0025	
12/29/2009		<0.0025	<0.0025		
6/22/2010	<0.0025	<0.0025	<0.0025	<0.0025	
1/4/2011	<0.0025	<0.0025		<0.0025	
1/5/2011			<0.0025		
7/9/2011	<0.0025		<0.0025	<0.0025	
7/10/2011		<0.0025			
1/20/2012				<0.0025	
1/21/2012	<0.0025	<0.0025	<0.0025		
7/11/2012	<0.0025	<0.0025	<0.0025	<0.0025	
1/19/2013			<0.0025	<0.0025	
1/20/2013	<0.0025	<0.0025			
7/18/2013				<0.0025	
7/19/2013	<0.0025	<0.0025	<0.0025		
1/15/2014	<0.0025		<0.0025	<0.0025	
1/16/2014		<0.0025			
7/10/2014		<0.0025			
7/11/2014	<0.0025		<0.0025	<0.0025	
1/15/2015				<0.0025	
1/16/2015	<0.0025	<0.0025	<0.0025		
6/19/2015				<0.0025	
6/20/2015	<0.0025	<0.0025	<0.0025		
12/7/2015					<0.0025
12/15/2015					<0.0025
12/28/2015					<0.0025
1/13/2016					<0.0025
1/14/2016			<0.0025		
1/16/2016	<0.0025	<0.0025		<0.0025	
1/25/2016					<0.0025
4/20/2016	<0.0025		<0.0025	<0.0025	
4/21/2016		<0.0025			<0.0025
6/15/2016	<0.0025		<0.0025	<0.0025	<0.0025
6/16/2016		<0.0025			
8/9/2016					<0.0025
8/10/2016	<0.0025	<0.0025	<0.0025	<0.0025	
9/27/2016	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
11/15/2016	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
1/11/2017					<0.0025

Time Series

Constituent: Cadmium (mg/L) Analysis Run 4/27/2021 11:42 AM View: Constituents View
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-1	GWC-10	GWC-11	GWC-12	GWC-15[*GWB-1...
1/12/2017	<0.0025	<0.0025	<0.0025	<0.0025	
1/23/2017	<0.0025				
2/28/2017					<0.0025
3/1/2017	<0.0025	<0.0025	<0.0025	<0.0025	
4/20/2017	<0.0025			<0.0025	<0.0025
4/24/2017		<0.0025	<0.0025		
7/19/2017	<0.0025				<0.0025
7/20/2017				<0.0025	
7/24/2017		<0.0025	<0.0025		
1/11/2018	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
7/11/2018					<0.0025
7/12/2018	<0.0025	<0.0025	<0.0025	<0.0025	
1/29/2019					<0.0025
1/30/2019	<0.0025	<0.0025	<0.0025	<0.0025	
3/26/2019					<0.0025
3/27/2019	<0.0025	<0.0025	<0.0025	<0.0025	
9/11/2019	<0.0025	<0.0025	<0.0025	<0.0025	<0.0025
4/1/2020	<0.0025	<0.0025		<0.0025	<0.0025
4/2/2020			<0.0025		
9/15/2020	<0.0025	<0.0025	<0.0025		<0.0025
9/16/2020				<0.0025	
3/16/2021	<0.0025	<0.0025		<0.0025	
3/17/2021			<0.0025		<0.0025

Time Series

Constituent: Cadmium (mg/L) Analysis Run 4/27/2021 11:42 AM View: Constituents View

Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-17 (bg)	GWC-18 (bg)	GWC-19	GWC-20	GWC-21
12/8/2015	0.00049 (J)	<0.0025	<0.0025		
12/9/2015				<0.0025	<0.0025
12/14/2015	0.00053 (J)	<0.0025		0.00031 (J)	<0.0025
12/15/2015			<0.0025		
12/28/2015	0.00061 (J)	<0.0025	<0.0025		
12/29/2015				0.00075 (J)	<0.0025
1/13/2016	0.00063 (J)				
1/14/2016		<0.0025	<0.0025	0.00039 (J)	<0.0025
1/25/2016				0.00078 (J)	<0.0025
1/26/2016	0.00072 (J)	<0.0025	<0.0025		
4/19/2016		<0.0025	0.00017 (J)		
4/20/2016	0.000633 (J)				
4/21/2016				0.00052 (J)	<0.0025
6/15/2016	0.00055 (J)				
6/16/2016		8.5E-05 (J)	0.00018 (J)	0.00044 (J)	0.00012 (J)
8/9/2016	0.00046 (J)				
8/10/2016			<0.0025	<0.0025	<0.0025
8/11/2016		<0.0025			
9/27/2016	0.00071 (J)			<0.0025	0.00062 (J)
9/28/2016		<0.0025	<0.0025		
11/15/2016	0.00056 (J)		<0.0025	<0.0025	<0.0025
11/16/2016		<0.0025			
1/11/2017	0.0007 (J)	<0.0025			
1/12/2017					<0.0025
1/13/2017				0.00036 (J)	
1/16/2017			<0.0025		
3/1/2017	0.00063 (J)	<0.0025	<0.0025	<0.0025	<0.0025
4/20/2017	0.00055 (J)				
4/24/2017					<0.0025
4/25/2017		<0.0025	<0.0025	<0.0025	
7/19/2017	0.00072 (J)				
7/25/2017		<0.0025	<0.0025	<0.0025	<0.0025
1/11/2018	0.00062 (J)				<0.0025
1/12/2018		<0.0025	<0.0025	<0.0025	
7/11/2018	0.0004 (J)	<0.0025	<0.0025	<0.0025	<0.0025
1/29/2019	0.00062 (J)		0.0002 (J)	0.00016 (J)	
1/30/2019		<0.0025			0.00014 (J)
3/27/2019	0.00041	<0.0025	<0.0025	<0.0025	<0.0025
9/11/2019	0.00064 (J)	<0.0025	0.00031 (J)	0.00029 (J)	0.00029 (J)
4/1/2020	0.00048 (J)	<0.0025	<0.0025	<0.0025	<0.0025
9/15/2020	0.00046 (J)	<0.0025		<0.0025	<0.0025
9/16/2020			<0.0025		
3/16/2021	0.00057 (J)		<0.0025	<0.0025	
3/17/2021		<0.0025			<0.0025

Time Series

Constituent: Cadmium (mg/L) Analysis Run 4/27/2021 11:42 AM View: Constituents View

Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-23	GWC-4A[*GWB-4...GWC-5[*GWB-5]...	GWC-9
8/25/2004		<0.0025	<0.0025
9/11/2004		<0.0025	<0.0025
9/26/2004		<0.0025	<0.0025
10/13/2004		<0.0025	<0.0025
7/11/2005		<0.0025	<0.0025
12/7/2005		<0.0025	<0.0025
6/22/2006		<0.0025	<0.0025
11/28/2006		<0.0025	<0.0025
7/6/2007		<0.0025	<0.0025
12/13/2007		<0.0025	<0.0025
6/20/2008		<0.0025	<0.0025
12/7/2008		<0.0025	<0.0025
7/9/2009		<0.0025	<0.0025
12/29/2009		<0.0025	<0.0025
12/30/2009		<0.0025	
6/22/2010		<0.0025	<0.0025
1/4/2011		<0.0025	
1/5/2011			<0.0025
7/9/2011		<0.0025	<0.0025
7/10/2011		<0.0025	
1/21/2012		<0.0025	<0.0025
7/11/2012		<0.0025	<0.0025
1/19/2013		<0.0025	<0.0025
1/20/2013		<0.0025	
7/18/2013		<0.0025	<0.0025
7/19/2013		<0.0025	
1/15/2014		<0.0025	<0.0025
1/16/2014		<0.0025	
7/10/2014		<0.0025	<0.0025
1/15/2015		<0.0025	
1/16/2015		<0.0025	<0.0025
6/19/2015		<0.0025	
6/20/2015		<0.0025	<0.0025
1/14/2016		<0.0025	<0.0025
4/19/2016			<0.0025
4/20/2016		0.000111 (J)	<0.0025
6/14/2016		0.00013 (J)	<0.0025
6/15/2016			<0.0025
6/16/2016	<0.0025		
8/9/2016		<0.0025	
8/10/2016	<0.0025		<0.0025
8/11/2016		<0.0025	
9/27/2016		<0.0025	<0.0025
9/28/2016	<0.0025		
11/14/2016		<0.0025	
11/15/2016		<0.0025	<0.0025
11/16/2016	<0.0025		
1/10/2017		<0.0025	
1/11/2017		<0.0025	
1/13/2017			<0.0025
1/17/2017	<0.0025		
1/19/2017		<0.0025	

Time Series

Constituent: Cadmium (mg/L) Analysis Run 4/27/2021 11:42 AM View: Constituents View
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-23	GWC-4A[*GWB-4...GWC-5[*GWB-5]...	GWC-9
1/24/2017		<0.0025	<0.0025
2/28/2017		<0.0025	<0.0025
3/1/2017			<0.0025
3/2/2017	<0.0025		
4/20/2017		<0.0025	<0.0025
4/24/2017			<0.0025
4/25/2017	<0.0025		
7/13/2017	<0.0025		
7/18/2017		<0.0025	<0.0025
7/24/2017			<0.0025
7/25/2017	<0.0025		
1/10/2018		<0.0025	<0.0025
1/12/2018	<0.0025		<0.0025
7/11/2018		<0.0025	<0.0025
7/12/2018	<0.0025		<0.0025
1/29/2019		<0.0025	<0.0025
1/30/2019	0.00015 (J)		<0.0025
3/26/2019		<0.0025	<0.0025
3/27/2019	<0.0025		<0.0025
9/10/2019		0.00019 (J)	<0.0025
9/11/2019	0.00018 (J)		<0.0025
3/31/2020		<0.0025	<0.0025
4/1/2020	<0.0025		<0.0025
9/15/2020	<0.0025		<0.0025
9/16/2020		<0.0025	<0.0025
3/17/2021	<0.0025	<0.0025	<0.0025

Time Series

Constituent: Calcium (mg/L) Analysis Run 4/27/2021 11:42 AM View: Constituents View

Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWA-13 (bg)	GWA-14 (bg)	GWA-16[*GWB-1...	GWA-2 (bg)	GWA-3 (bg)
4/19/2016				0.485 (J)	1.13
4/20/2016	0.389 (J)	0.686	0.472 (J)		
6/14/2016	0.37 (J)	0.62		0.72	1
6/15/2016			0.42 (J)		
8/9/2016	0.14 (J)	0.39	0.19	0.24 (J)	0.71
9/26/2016				0.48	
9/27/2016	0.33	0.52	0.39		0.77
11/14/2016					0.75
11/15/2016	0.28	0.5	0.39	0.54	
1/10/2017				0.62	0.73
1/11/2017		0.47	0.36		
1/12/2017	0.37				
2/28/2017	0.26	0.47		0.91	0.76
3/1/2017			0.38		
4/19/2017				0.75	0.69
4/20/2017	0.27	0.5	0.41		
10/10/2017				0.54	
10/11/2017	0.3	0.49	0.4		0.73
1/10/2018	0.27			0.52	0.88
1/11/2018		0.51	0.43		
7/11/2018	0.32	0.47	0.45	0.5	0.81
1/29/2019	0.33	0.51	0.41	0.53	0.85
3/26/2019	0.3	0.42	0.37		
3/27/2019				0.37	0.73
9/10/2019	0.37 (J)	0.47 (J)	0.41 (J)		
9/11/2019				0.43 (J)	0.76
3/31/2020	0.42 (J)				
4/1/2020		0.49 (J)	0.43 (J)	0.47 (J)	0.72
9/15/2020	0.32 (J)	0.6	0.42 (J)	0.42 (J)	0.84
3/16/2021	0.4 (J)	0.51	0.48 (J)	0.4 (J)	0.75

Time Series

Constituent: Calcium (mg/L) Analysis Run 4/27/2021 11:42 AM View: Constituents View

Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-1	GWC-10	GWC-11	GWC-12	GWC-15[*GWB-1...
4/20/2016	3.22		8.94	0.69	
4/21/2016		13.9			0.686
6/15/2016	3		10.6	0.69	0.61
6/16/2016		18.9			
8/9/2016					0.21 (J)
8/10/2016	2.1	13	7.6	0.45	
9/27/2016	2.3	14	8.7	0.61	0.4
11/15/2016	2.4	13	8.4	0.61	0.35
1/11/2017					0.34
1/12/2017	2.5	14	8.1	0.6	
2/28/2017					0.37
3/1/2017	2.7	15	8.9	0.61	
4/20/2017	2.6			0.65	0.43
4/24/2017		14	8.8		
10/11/2017	2.4		10		0.41
10/12/2017		16		0.76	
12/12/2017		23			
12/13/2017			11		
1/11/2018	2.4	15	9.3	0.78	0.41
7/11/2018					0.53
7/12/2018	1.8	27	13	0.67	
1/29/2019					0.91
1/30/2019	2.5	26	11	0.68 (J)	
3/26/2019					0.58
3/27/2019	2.4	22	13	0.62	
9/11/2019	1.4	26	9.3	0.62	0.42 (J)
4/1/2020	1.9	21		0.7	2.3
4/2/2020			8.5		
9/15/2020	1.3	27	13		0.38 (J)
9/16/2020				0.64	
3/16/2021	1.6	18		0.62	
3/17/2021			14		5.5

Time Series

Constituent: Calcium (mg/L) Analysis Run 4/27/2021 11:42 AM View: Constituents View

Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-17 (bg)	GWC-18 (bg)	GWC-19	GWC-20	GWC-21
4/19/2016		26	10.3		
4/20/2016	2.48				
4/21/2016				2.29	2.78
6/15/2016	2.2				
6/16/2016		33.2	10.4	2.4	2.9
8/9/2016	1.8				
8/10/2016			6.7	1.4	0.99
8/11/2016		18			
9/27/2016	1.9			1.4	1.3
9/28/2016		17	6.9		
11/15/2016	2.1		7.5	1.3	1.1
11/16/2016		17			
1/11/2017	2	15			
1/12/2017					0.93
1/13/2017				1.3	
1/16/2017			8		
3/1/2017	2.1	16	8.5	1.4	1
4/20/2017	2				
4/24/2017					1.1
4/25/2017		17	8.2	1.4	
10/11/2017	2.1				
10/12/2017		14	9.5	1.7	1.1
12/12/2017			9.1		
12/13/2017		12			
1/11/2018	2.1				1
1/12/2018		15	9.5	1.7	
7/11/2018	2.1	12	10	1.7	1.1
1/29/2019	2.2		9.2	1.8	
1/30/2019		14			1 (J)
3/27/2019	2	11	9.2	1.5	1.1
9/11/2019	2	13	8.2	1.5	1
4/1/2020	2.1	11	8.7	1.8	1.1
9/15/2020	2	10		1.5	1.1
9/16/2020			7.6		
3/16/2021	2		7	1.4	
3/17/2021		9.1			1.1

Time Series

Constituent: Calcium (mg/L) Analysis Run 4/27/2021 11:42 AM View: Constituents View

Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-23	GWC-4A[*GWB-4...GWC-5[*GWB-5]...	GWC-9
4/19/2016			0.431 (J)
4/20/2016		1.12	4.39
6/14/2016		1.1	2.4
6/15/2016			0.27 (J)
6/16/2016	15.6		
8/9/2016		2	
8/10/2016	10		0.13 (J)
8/11/2016		1.9	
9/27/2016		3.4	2.9
9/28/2016	8.5		0.21 (J)
11/14/2016		3.1	
11/15/2016			2.5
11/16/2016	8.4		0.27
1/10/2017		1.5	
1/11/2017			2.5
1/13/2017			0.41
1/17/2017	3		
2/28/2017		1.1	2.7
3/1/2017			0.25
3/2/2017	3.3		
4/20/2017		0.98	2.8
4/24/2017			0.34
4/25/2017	2.5		
7/13/2017	2.1		
10/10/2017		0.8	
10/11/2017			3.3
10/12/2017	1.5		0.21 (J)
1/10/2018		0.82	3.3
1/12/2018	1.4		0.4
7/11/2018		1	3
7/12/2018	1.2		0.49
1/29/2019		0.83	3.3
1/30/2019	1.1 (J)		0.38 (J)
3/26/2019		0.53	2.8
3/27/2019	1.4		0.28
9/10/2019		0.64	2.3
9/11/2019	1.4		0.44 (J)
3/31/2020		0.8	2.9
4/1/2020	1.4		0.2 (J)
9/15/2020	1.3		2.2
9/16/2020		0.43 (J)	0.45 (J)
3/17/2021	0.99	0.33 (J)	2.4
			0.51

Time Series

Constituent: Chloride (mg/L) Analysis Run 4/27/2021 11:42 AM View: Constituents View

Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWA-13 (bg)	GWA-14 (bg)	GWA-16[*GWB-1...	GWA-2 (bg)	GWA-3 (bg)
4/19/2016				5.01	9.4
4/20/2016	3.49	4.55	3.92		
6/14/2016	3.4	4.3		5	8.3
6/15/2016			3.8		
8/9/2016	3.7	4.5	4	5.1	8.6
9/26/2016				5.1	
9/27/2016	3.8	4.4	3.9		6.3
11/14/2016					6.1
11/15/2016	3.8	4.5	4	5.2	
1/10/2017				4.9	6.1
1/11/2017		4.3	3.7		
1/12/2017	3.5				
2/28/2017	3.6	4		4.7	6.2
3/1/2017			3.5		
4/19/2017				4.4	5
4/20/2017	3.4	4	3.6		
10/10/2017				4.7	
10/11/2017	3.4	4	3.5		4.1
1/10/2018	3.4			4.6	4.2
1/11/2018		3.9	3.4		
7/11/2018	3.4	4.2	3.7	5	4.3
1/29/2019	3.6	4	3.8	5	4
3/26/2019	3.5	4.1	3.6		
3/27/2019				4.5	3.5
9/10/2019	3.3	4	3.7		
9/11/2019				4.8	3.5
3/31/2020	3.7				
4/1/2020		4.2	3.8	4.9	3.7
9/15/2020	3.5	4.3	3.7	4.9	3.4
3/16/2021	4	4.1	4.1	4.9	3.6

Time Series

Constituent: Chloride (mg/L) Analysis Run 4/27/2021 11:42 AM View: Constituents View

Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-1	GWC-10	GWC-11	GWC-12	GWC-15[*GWB-1...
4/20/2016	6.68		4.9	3.61	
4/21/2016		6.41			3.99
6/15/2016	7		4.6	3.3	3.5
6/16/2016		6			
8/9/2016					4
8/10/2016	7	6.8	5.1	3.8	
9/27/2016	6.4	6.1	4.9	3.7	3.9
11/15/2016	6.6	6.7	5	3.9	4
1/11/2017					3.8
1/12/2017	7.3	6.5	4.7	3.6	
2/28/2017					3.5
3/1/2017	7.5	6.3	4.4	3.4	
4/20/2017	6.8			3.5	3.3
4/24/2017		6.1	4.4		
10/11/2017	7		4.5		3.5
10/12/2017		6		3.5	
1/11/2018	7.5	5.9	4.3	3.4	3.4
7/11/2018					3.8
7/12/2018	7	5.1	4.3	3.7	
1/29/2019					3.7
1/30/2019	6.8	5.6	4.6	3.7	
3/26/2019					3.8
3/27/2019	6.8	5.3	4	3.3	
9/11/2019	6	5.4	4.4	3.5	3.7
4/1/2020	5.9	6.9		3.7	3.8
4/2/2020			4.6		
9/15/2020	6.1	6.2	4.1		3.6
9/16/2020				3.5	
3/16/2021	5.8	7.2		3.8	
3/17/2021			4.6		4

Time Series

Constituent: Chloride (mg/L) Analysis Run 4/27/2021 11:42 AM View: Constituents View

Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-17 (bg)	GWC-18 (bg)	GWC-19	GWC-20	GWC-21
4/19/2016		5.03	6.1		
4/20/2016	4.25				
4/21/2016				11.6	6.08
6/15/2016	4.1				
6/16/2016		4.7	5.7	10	5.8
8/9/2016	4.5				
8/10/2016			6.2	10	6.5
8/11/2016		5.3			
9/27/2016	4.4			8.9	6.4
9/28/2016		5.1	6.9		
11/15/2016	4.5		7.8	8.5	6.4
11/16/2016		5.2			
1/11/2017	4.2	5			
1/12/2017					6.3
1/13/2017				8.3	
1/16/2017			8.6		
3/1/2017	3.9	4.6	8.3	7.9	5.9
4/20/2017	4				
4/24/2017					5.9
4/25/2017		4.6	8.4	8.2	
10/11/2017	4.1				
10/12/2017		4.6	8.7	9.1	6.1
1/11/2018	4.1				5.8
1/12/2018		4.5	9	9	
7/11/2018	4.4	4.9	9.1	9.9	6.4
9/13/2018				8.9	
1/29/2019	4.5		8.2	8.8	
1/30/2019		4.8			6.7
3/27/2019	4.1	4.3	7.5	8.9	6.3
9/11/2019	4.3	4.5	7.7	8.7	6.7
4/1/2020	4.6	4.7	7.3	8.6	6.5
9/15/2020	4.3	4.4		8.7	6.5
9/16/2020			6.5		
3/16/2021	4.9		6.5	8	
3/17/2021		4.7			6.7

Time Series

Constituent: Chloride (mg/L) Analysis Run 4/27/2021 11:42 AM View: Constituents View

Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-23	GWC-4A[*GWB-4...GWC-5[*GWB-5]...	GWC-9
4/19/2016			14.4
4/20/2016		2.93	3.69
6/14/2016		2.9	3.5
6/15/2016			12
6/16/2016	5.1		
8/9/2016		3.7	
8/10/2016	4.4		13
8/11/2016		3.6	
9/27/2016		3.4	3.6
9/28/2016	4		12
11/14/2016		4.2	
11/15/2016			3.7
11/16/2016	4.1		11
1/10/2017		3.6	
1/11/2017			3.5
1/13/2017			11
1/17/2017	4.3		
2/28/2017		3.3	3.3
3/1/2017			11
3/2/2017	4		
4/20/2017		3.5	3.3
4/24/2017			9.3
4/25/2017	4.1		
7/13/2017	4.2		
10/10/2017		3.9	
10/11/2017			3.2
10/12/2017	4.3		9.8
12/12/2017			10
1/10/2018		3.3	3.2
1/12/2018	4.3		9
7/11/2018		3.2	3.5
7/12/2018	4.9		9.4
9/13/2018			9.1
1/29/2019		3.4	3.6
1/30/2019	7.4		9.1
3/26/2019		3.7	3.6
3/27/2019	4.2		10
6/17/2019			9.4
9/10/2019		3.6	3.5
9/11/2019	4.6		9.3
3/31/2020		4.9	4.1
4/1/2020	4.9		9.7
9/15/2020	5		18
9/16/2020		3.5	8.6
3/17/2021	5.5	4.5	4.2
			9.5

Time Series

Constituent: Chromium (mg/L) Analysis Run 4/27/2021 11:42 AM View: Constituents View

Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWA-13 (bg)	GWA-14 (bg)	GWA-16[*GWB-1...	GWA-2 (bg)	GWA-3 (bg)
8/25/2004				<0.002	<0.002
9/11/2004				<0.002	0.0024
9/26/2004				<0.002	<0.002
10/13/2004				<0.002	<0.002
7/11/2005				<0.002	<0.002
12/7/2005				<0.002	<0.002
6/22/2006				0.0024	0.0021
11/28/2006				0.0019	0.0023
7/6/2007				0.0021	0.0049
12/13/2007				0.0021	0.0013
6/20/2008				0.0017	0.0025
12/7/2008				0.0018	0.0034
7/9/2009				0.0015	<0.002
12/28/2009				0.002	0.0021
6/22/2010				0.0017	0.0018
1/4/2011				0.002	
1/5/2011					0.077 (O)
7/9/2011				0.0027	0.004
1/20/2012					<0.002
1/21/2012				<0.002	
7/11/2012				0.0061 (O)	<0.002
1/19/2013					0.0013
1/20/2013				0.002	
7/18/2013					0.0022
7/19/2013				0.0021	
1/15/2014				0.0029	0.0019
7/11/2014				0.002	0.0014
1/15/2015					0.0011 (J)
1/16/2015				0.0026	
6/19/2015					0.0012 (J)
6/20/2015				0.002	
12/7/2015	<0.002	<0.002	<0.002		
12/14/2015			<0.002		
12/15/2015	<0.002	<0.002			
12/28/2015			<0.002		
12/29/2015	<0.002	<0.002			
1/16/2016				0.0015	0.0014
1/25/2016	<0.002	<0.002	<0.002		
4/19/2016				<0.002	<0.002
4/20/2016	<0.01 (o)	<0.002	<0.002		
6/14/2016	0.0094 (J)	0.00086 (J)		0.0017 (J)	0.00085 (J)
6/15/2016			0.00072 (J)		
8/9/2016	<0.002	<0.002	<0.002	0.0014 (J)	<0.002
9/26/2016				0.0016 (J)	
9/27/2016	<0.002	<0.002	<0.002		<0.002
11/14/2016					0.0011 (J)
11/15/2016	<0.002	<0.002	0.0011 (J)	0.0015 (J)	
1/10/2017				0.0015 (J)	0.0012 (J)
1/11/2017		<0.002	0.0012 (J)		
1/12/2017	<0.002				
2/28/2017	0.0049	0.0047		0.0044	0.004
3/1/2017			0.0052		

Time Series

Constituent: Chromium (mg/L) Analysis Run 4/27/2021 11:42 AM View: Constituents View
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWA-13 (bg)	GWA-14 (bg)	GWA-16[*]GWB-1...	GWA-2 (bg)	GWA-3 (bg)
4/19/2017				0.0011 (J)	0.0011 (J)
4/20/2017	0.0011 (J)	<0.002	0.0013 (J)		
7/17/2017				0.0011 (J)	
7/18/2017	<0.002				<0.002
7/19/2017		<0.002	0.0015 (J)		
1/10/2018	<0.002			0.0014 (J)	0.0012 (J)
1/11/2018		<0.002	0.0013 (J)		
7/11/2018	<0.002	<0.002	0.0012 (J)	0.0011 (J)	0.0011 (J)
1/29/2019	0.0037 (J)	<0.002	<0.002	<0.002	<0.002
3/26/2019	0.0014	<0.002	0.0015		
3/27/2019				0.0016	0.0014
9/10/2019	0.0052	0.004	0.004		
9/11/2019				0.004	0.0034
3/31/2020	0.0019 (J)				
4/1/2020		<0.002	0.024	0.0017 (J)	<0.002
9/15/2020	<0.002	<0.002	0.0015 (J)	0.0015 (J)	<0.002
3/16/2021	<0.002	<0.002	0.0017 (J)	0.0015 (J)	0.0015 (J)

Time Series

Constituent: Chromium (mg/L) Analysis Run 4/27/2021 11:42 AM View: Constituents View

Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-1	GWC-10	GWC-11	GWC-12	GWC-15[*GWB-1...
8/25/2004	<0.002	<0.002	0.0033	<0.002	
9/11/2004	<0.002	0.0027	0.0038	<0.002	
9/26/2004	<0.002	<0.002	0.0031	<0.002	
10/13/2004		<0.002	<0.002	<0.002	
7/11/2005	<0.002	0.0036	0.0039	<0.002	
12/7/2005	0.0021	0.0042	0.0053	<0.002	
6/22/2006	0.002	0.0045	0.0069	0.002	
11/28/2006	0.0024	0.0017	0.0056	0.0015	
7/6/2007	0.0034	<0.002	0.0063	0.0021	
12/13/2007	0.0029	<0.002	0.0058	0.0025	
6/20/2008	0.002	<0.002	0.013	0.0017	
12/7/2008	0.072 (Q)	<0.002	0.0048	0.0016	
2/6/2009	0.0035				
7/9/2009	0.0017				
7/10/2009		0.0021	0.0086	0.0017	
12/28/2009	<0.002			0.0018	
12/29/2009		0.0023	0.0077		
6/22/2010	<0.002	0.0051	0.0046	0.0018	
1/4/2011	0.0023	0.0026		0.0039	
1/5/2011			0.0053		
7/9/2011	0.005		0.007	0.0041	
7/10/2011		<0.002			
1/20/2012				<0.002	
1/21/2012	<0.002	<0.002	0.0073		
7/11/2012	0.0023	0.0018	0.01	0.0052	
1/19/2013			0.0058	0.0025	
1/20/2013	0.003	0.0014			
7/18/2013				0.0035	
7/19/2013	<0.002	0.0032	0.005		
1/15/2014	0.002		0.0081	0.0082	
1/16/2014		0.0058			
7/10/2014		0.0034			
7/11/2014	0.0012 (J)		0.0087	0.0048	
1/15/2015				0.0022	
1/16/2015	0.0011 (J)	0.0024	0.0061		
6/19/2015				0.0024	
6/20/2015	0.0028	0.0072	0.005		
12/7/2015					<0.002
12/15/2015					<0.002
12/28/2015					<0.002
1/14/2016			0.0045		
1/16/2016	0.0013	0.0076		0.002	
1/25/2016					<0.002
4/20/2016	<0.002		0.00856 (J)	<0.002	
4/21/2016		0.00617 (J)			<0.002
6/15/2016	0.0011 (J)		0.0061 (J)	0.0016 (J)	0.0008 (J)
6/16/2016		0.007 (J)			
8/9/2016					<0.002
8/10/2016	0.0015 (J)	0.0056	0.0052	0.0016 (J)	
9/27/2016	0.0018 (J)	0.0057	0.0051	0.0019 (J)	<0.002
11/15/2016	0.0019 (J)	0.0062	0.005	0.0017 (J)	<0.002
1/11/2017					<0.002

Time Series

Constituent: Chromium (mg/L) Analysis Run 4/27/2021 11:42 AM View: Constituents View
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-1	GWC-10	GWC-11	GWC-12	GWC-15[*GWB-1...
1/12/2017	0.0012 (J)	0.0061	0.0051	0.0017 (J)	
1/23/2017	<0.002				
2/28/2017					0.0051
3/1/2017	0.0049	0.01	0.0088	0.0055	
4/20/2017	<0.002			0.0016 (J)	0.0012 (J)
4/24/2017		0.0053	0.0049		
7/19/2017	0.0017 (J)				0.0013 (J)
7/20/2017				0.0017 (J)	
7/24/2017		0.0055	0.0049		
1/11/2018	<0.002	0.0055	0.0044	0.0016 (J)	0.0011 (J)
7/11/2018					<0.002
7/12/2018	<0.002	0.0017 (J)	0.0023 (J)	0.0015 (J)	
1/29/2019					<0.002
1/30/2019	<0.002	0.0071 (J)	0.006 (J)	0.0039 (J)	
3/26/2019					0.0016
3/27/2019	<0.002	0.0035	0.0031	0.0019	
9/11/2019	0.0035	0.004	0.0071	0.0036	0.0038
4/1/2020	<0.002	0.0084		0.0019 (J)	0.0015 (J)
4/2/2020			0.0055		
9/15/2020	<0.002	0.0018 (J)	0.0028		<0.002
9/16/2020				0.0016 (J)	
3/16/2021	<0.002	0.0054		0.0019 (J)	
3/17/2021			0.0031		<0.002

Time Series

Constituent: Chromium (mg/L) Analysis Run 4/27/2021 11:42 AM View: Constituents View

Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-17 (bg)	GWC-18 (bg)	GWC-19	GWC-20	GWC-21
12/8/2015	<0.002	0.0012 (J)	0.0026		
12/9/2015				<0.002	<0.002
12/14/2015	<0.002	0.0018		<0.002	<0.002
12/15/2015			0.0017		
12/28/2015	<0.002	0.0017	0.0016		
12/29/2015				<0.002	<0.002
1/25/2016				<0.002	<0.002
1/26/2016	<0.002	0.0013	0.0016		
4/19/2016		0.00277 (J)	0.002		
4/20/2016	<0.002				
4/21/2016				<0.002	<0.002
6/15/2016	0.0018 (J)				
6/16/2016		0.0021 (J)	0.0016 (J)	0.0008 (J)	0.00031 (J)
8/9/2016	0.002 (J)				
8/10/2016			0.0016 (J)	<0.002	<0.002
8/11/2016		0.0023 (J)			
9/27/2016	0.0021 (J)			<0.002	0.35 (o)
9/28/2016		0.0022 (J)	<0.002		
11/15/2016	0.002 (J)		<0.002	<0.002	<0.002
11/16/2016		0.0019 (J)			
1/11/2017	0.0025	0.0025			
1/12/2017					<0.002
1/13/2017				<0.002	
1/16/2017			0.0013 (J)		
3/1/2017	0.0067	0.0065	0.0056	0.005	0.0044
4/20/2017	0.0024 (J)				
4/24/2017					<0.002
4/25/2017		0.0026	0.0019 (J)	<0.002	
7/19/2017	0.0025				
7/25/2017		0.0023 (J)	0.0013 (J)	<0.002	<0.002
1/11/2018	0.0026				<0.002
1/12/2018		0.002 (J)	0.0017 (J)	<0.002	
7/11/2018	0.0025	0.0022 (J)	0.0011 (J)	<0.002	<0.002
1/29/2019	0.0041 (J)		<0.002	<0.002	
1/30/2019		0.0049 (J)			<0.002
3/27/2019	0.0028	0.0025	0.0014	<0.002	<0.002
9/11/2019	0.0059	0.0049	0.0043	0.0034	0.0025
4/1/2020	0.0032	0.0025	0.0018 (J)	<0.002	<0.002
9/15/2020	0.0027	0.0025		<0.002	<0.002
9/16/2020			0.0015 (J)		
3/16/2021	0.0031		0.0017 (J)	<0.002	
3/17/2021		0.0027			<0.002

Time Series

Constituent: Chromium (mg/L) Analysis Run 4/27/2021 11:42 AM View: Constituents View

Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-23	GWC-4A[*GWB-4...GWC-5[*GWB-5]...	GWC-9
8/25/2004		0.0022	0.22 (O) <0.002
9/11/2004		<0.002	<0.002 <0.002
9/26/2004		<0.002	<0.002 <0.002
10/13/2004		<0.002	<0.002 <0.002
7/11/2005		<0.002	0.0023 <0.002
12/7/2005		<0.002	<0.002 <0.002
6/22/2006		<0.002	<0.002 <0.002
11/28/2006		<0.002	<0.002 <0.002
7/6/2007		<0.002	<0.002 0.0017
12/13/2007		<0.002	<0.002 0.0021
6/20/2008		<0.002	<0.002 0.0021
12/7/2008		<0.002	<0.002 0.0018
7/9/2009		<0.002	<0.002 0.0024
12/29/2009			0.004 0.0021
12/30/2009		0.0078	
6/22/2010		<0.002	<0.002 <0.002
1/4/2011		0.0037	0.0027
1/5/2011			0.0034
7/9/2011			<0.002 0.0018
7/10/2011		<0.002	
1/21/2012		<0.002	<0.002 <0.002
7/11/2012		0.0096	0.0038 0.0038
1/19/2013			0.002 0.0065 (o)
1/20/2013		0.0052	
7/18/2013			0.0023 0.0029
7/19/2013		0.002	
1/15/2014			0.0012 (J) <0.002
1/16/2014		0.0061	
7/10/2014		<0.002	0.0012 (J) <0.002
1/15/2015			<0.002
1/16/2015		0.002	<0.002
6/19/2015			0.0037
6/20/2015		0.0011 (J)	<0.002
1/14/2016		0.0011 (J)	<0.002
4/19/2016			<0.002
4/20/2016		<0.002	<0.002
6/14/2016		0.0013 (J)	0.0011 (J)
6/15/2016			0.00021
6/16/2016	0.00023 (J)		
8/9/2016			<0.002
8/10/2016	<0.002		<0.002
8/11/2016		<0.002	
9/27/2016		<0.002	<0.002 <0.002
9/28/2016	<0.002		
11/14/2016		<0.002	
11/15/2016			<0.002 <0.002
11/16/2016	<0.002		
1/10/2017		<0.002	
1/11/2017			<0.002
1/13/2017			0.0012 (J)
1/17/2017	<0.002		
1/19/2017		0.002 (J)	

Time Series

Constituent: Chromium (mg/L) Analysis Run 4/27/2021 11:42 AM View: Constituents View
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-23	GWC-4A[*GWB-4...GWC-5[*GWB-5]...	GWC-9
1/24/2017		<0.002	
2/28/2017		0.0048	0.0054
3/1/2017			0.0043
3/2/2017	0.0017 (J)		
4/20/2017		<0.002	0.0013 (J)
4/24/2017			<0.002
4/25/2017	<0.002		
7/13/2017	<0.002		
7/18/2017		<0.002	<0.002
7/24/2017			<0.002
7/25/2017	<0.002		
1/10/2018		<0.002	<0.002
1/12/2018	<0.002		<0.002
7/11/2018		<0.002	<0.002
7/12/2018	<0.002		<0.002
1/29/2019		<0.002	<0.002
1/30/2019	<0.002		<0.002
3/26/2019		<0.002	<0.002
3/27/2019	<0.002		<0.002
9/10/2019		0.0031	0.0041
9/11/2019	0.004		0.0025
3/31/2020		<0.002	<0.002
4/1/2020	0.0022		<0.002
9/15/2020	0.0023		<0.002
9/16/2020		<0.002	<0.002
3/17/2021	0.0027	<0.002	<0.002

Time Series

Constituent: Cobalt (mg/L) Analysis Run 4/27/2021 11:42 AM View: Constituents View

Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWA-13 (bg)	GWA-14 (bg)	GWA-16[*GWB-1...	GWA-2 (bg)	GWA-3 (bg)
8/25/2004				<0.0025	<0.0025
9/11/2004				<0.0025	<0.0025
9/26/2004				<0.0025	<0.0025
10/13/2004				<0.0025	<0.0025
7/11/2005				<0.0025	<0.0025
12/7/2005				<0.0025	<0.0025
6/22/2006				<0.0025	<0.0025
11/28/2006				<0.0025	<0.0025
7/6/2007				<0.0025	<0.0025
12/13/2007				<0.0025	<0.0025
6/20/2008				<0.0025	<0.0025
12/7/2008				<0.0025	<0.0025
7/9/2009				<0.0025	<0.0025
12/28/2009				<0.0025	<0.0025
6/22/2010				<0.0025	<0.0025
1/4/2011				<0.0025	
1/5/2011					0.0066 (o)
7/9/2011				<0.0025	<0.0025
1/20/2012					<0.0025
1/21/2012				<0.0025	
7/11/2012				0.0017	<0.0025
1/19/2013					<0.0025
1/20/2013				<0.0025	
7/18/2013					<0.0025
7/19/2013				<0.0025	
1/15/2014				0.0011 (J)	<0.0025
7/11/2014				0.0012 (J)	<0.0025
1/15/2015					<0.0025
1/16/2015				0.00083 (J)	
6/19/2015					<0.0025
6/20/2015				0.0013	
12/7/2015	0.0012 (J)	0.001 (J)	0.0012 (J)		
12/14/2015			0.001 (J)		
12/15/2015	0.00099 (J)	0.00078 (J)			
12/28/2015			0.0012 (J)		
12/29/2015	0.0012 (J)	0.00094 (J)			
1/13/2016	0.0012 (J)	0.001 (J)	0.001 (J)		
1/16/2016				0.0012 (J)	<0.0025
1/25/2016	0.00095 (J)	0.00085 (J)	0.00089 (J)		
4/19/2016				<0.0025	<0.0025
4/20/2016	<0.0025	<0.0025	<0.0025		
6/14/2016	0.00072 (J)	0.00048 (J)		0.001 (J)	0.00044 (J)
6/15/2016			0.00063 (J)		
8/9/2016	0.00041 (J)	0.00045 (J)	0.00055 (J)	0.0012 (J)	0.00042 (J)
9/26/2016				0.0012 (J)	
9/27/2016	0.00058 (J)	0.00046 (J)	0.00059 (J)		0.00042 (J)
11/14/2016					<0.0025
11/15/2016	0.00048 (J)	<0.0025	0.0005 (J)	0.0013 (J)	
1/10/2017				0.0011 (J)	<0.0025
1/11/2017		<0.0025	0.00044 (J)		
1/12/2017	0.0014 (J)				
2/28/2017	0.00075 (J)	0.00051 (J)		0.0014 (J)	0.00048 (J)

Time Series

Constituent: Cobalt (mg/L) Analysis Run 4/27/2021 11:42 AM View: Constituents View
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWA-13 (bg)	GWA-14 (bg)	GWA-16[*GWB-1...	GWA-2 (bg)	GWA-3 (bg)
3/1/2017			0.00066 (J)		
4/19/2017				0.0012 (J)	<0.0025
4/20/2017	0.0005 (J)	<0.0025	0.00045 (J)		
7/17/2017				0.0013 (J)	
7/18/2017	0.00051 (J)				<0.0025
7/19/2017		<0.0025	0.00047 (J)		
1/10/2018	0.00049 (J)			0.0013 (J)	<0.0025
1/11/2018		<0.0025	0.00043 (J)		
7/11/2018	<0.0025	<0.0025	0.00043 (J)	0.0013 (J)	<0.0025
1/29/2019	0.00043 (J)	0.00029 (J)	0.00044 (J)	0.001 (J)	0.00035 (J)
3/26/2019	<0.0025	<0.0025	<0.0025		
3/27/2019				0.0011	<0.0025
9/10/2019	0.00064	0.00042 (J)	0.0005		
9/11/2019				0.0015	0.00039 (J)
3/31/2020	0.00034 (J)				
4/1/2020		0.00033 (J)	0.00036 (J)	0.0013 (J)	0.00024 (J)
9/15/2020	<0.0025	<0.0025	<0.0025	0.00099 (J)	<0.0025
3/16/2021	0.0005 (J)	0.00035 (J)	0.00047 (J)	0.0013 (J)	0.00033 (J)

Time Series

Constituent: Cobalt (mg/L) Analysis Run 4/27/2021 11:42 AM View: Constituents View

Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-1	GWC-10	GWC-11	GWC-12	GWC-15[*GWB-1...
8/25/2004	<0.0025	<0.0025	<0.0025	<0.0025	
9/11/2004	<0.0025	<0.0025	<0.0025	<0.0025	
9/26/2004	<0.0025	<0.0025	<0.0025	<0.0025	
10/13/2004		<0.0025	<0.0025	<0.0025	
7/11/2005	<0.0025	<0.0025	<0.0025	<0.0025	
12/7/2005	<0.0025	<0.0025	<0.0025	<0.0025	
6/22/2006	<0.0025	<0.0025	<0.0025	<0.0025	
11/28/2006	<0.0025	<0.0025	<0.0025	<0.0025	
7/6/2007	<0.0025	<0.0025	<0.0025	<0.0025	
12/13/2007	<0.0025	<0.0025	<0.0025	<0.0025	
6/20/2008	<0.0025	<0.0025	<0.0025	<0.0025	
12/7/2008	<0.0025	<0.0025	<0.0025	<0.0025	
7/9/2009	<0.0025				
7/10/2009		<0.0025	<0.0025	<0.0025	
12/28/2009	<0.0025			<0.0025	
12/29/2009		<0.0025	0.0071		
6/22/2010	<0.0025	<0.0025	<0.0025	<0.0025	
1/4/2011	<0.0025	<0.0025		<0.0025	
1/5/2011			<0.0025		
7/9/2011	<0.0025		0.0037	0.0039	
7/10/2011		<0.0025			
1/20/2012				<0.0025	
1/21/2012	<0.0025	<0.0025	0.0062		
7/11/2012	0.0013	<0.0025	0.007	0.012	
1/19/2013			<0.0025	<0.0025	
1/20/2013	0.0013	<0.0025			
7/18/2013				<0.0025	
7/19/2013	0.0015	<0.0025	<0.0025		
1/15/2014	0.0017		0.0028	0.005	
1/16/2014		<0.0025			
7/10/2014		<0.0025			
7/11/2014	0.0018		<0.0025	0.00079 (J)	
1/15/2015				0.00069 (J)	
1/16/2015	0.0019	<0.0025	0.0048		
6/19/2015				0.0007 (J)	
6/20/2015	0.002	0.0006 (J)	<0.0025		
12/7/2015					0.0011 (J)
12/15/2015					0.0011 (J)
12/28/2015					0.0016
1/13/2016					0.0016
1/14/2016			<0.0025		
1/16/2016	0.0015	<0.0025		0.00061 (J)	
1/25/2016					0.0014
4/20/2016	<0.0025		<0.0025	<0.0025	
4/21/2016		<0.0025			<0.0025
6/15/2016	0.0015 (J)		0.00011 (J)	0.00051 (J)	0.00047 (J)
6/16/2016		1E-05 (J)			
8/9/2016					<0.0025
8/10/2016	0.0016 (J)	<0.0025	<0.0025	0.00052 (J)	
9/27/2016	0.0016 (J)	<0.0025	<0.0025	0.00077 (J)	0.00045 (J)
11/15/2016	0.0015 (J)	<0.0025	<0.0025	0.00055 (J)	0.00048 (J)
1/11/2017					0.00046 (J)

Time Series

Constituent: Cobalt (mg/L) Analysis Run 4/27/2021 11:42 AM View: Constituents View
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-1	GWC-10	GWC-11	GWC-12	GWC-15[*GWB-1...
1/12/2017	0.0016 (J)	<0.0025	<0.0025	0.0005 (J)	
1/23/2017	<0.0025				
2/28/2017					0.00061 (J)
3/1/2017	0.0021 (J)	<0.0025	<0.0025	0.00079 (J)	
4/20/2017	0.0018 (J)			0.00056 (J)	0.00042 (J)
4/24/2017		<0.0025	<0.0025		
7/19/2017	0.0015 (J)				0.00041 (J)
7/20/2017				0.00051 (J)	
7/24/2017		<0.0025	<0.0025		
1/11/2018	0.0019 (J)	<0.0025	<0.0025	0.0006 (J)	0.00044 (J)
7/11/2018					0.0004 (J)
7/12/2018	0.0018 (J)	<0.0025	<0.0025	0.00056 (J)	
1/29/2019					0.00037 (J)
1/30/2019	<0.0025	<0.0025	<0.0025	<0.0025	
3/26/2019					<0.0025
3/27/2019	0.0017	<0.0025	<0.0025	0.00051	
9/11/2019	0.002	0.0001 (J)	<0.0025	0.00067	0.00044 (J)
4/1/2020	0.0016 (J)	<0.0025		0.00051 (J)	0.00036 (J)
4/2/2020			<0.0025		
9/15/2020	0.0014 (J)	<0.0025	<0.0025		<0.0025
9/16/2020				0.00023 (J)	
3/16/2021	0.0017 (J)	<0.0025		0.00058 (J)	
3/17/2021			0.00016 (J)		0.0004 (J)

Time Series

Constituent: Cobalt (mg/L) Analysis Run 4/27/2021 11:42 AM View: Constituents View

Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-17 (bg)	GWC-18 (bg)	GWC-19	GWC-20	GWC-21
12/8/2015	0.0018	<0.0025	0.00084 (J)		
12/9/2015				0.0055	0.0013
12/14/2015	0.0016	<0.0025		0.0073	0.0014
12/15/2015			0.00063 (J)		
12/28/2015	0.0015	<0.0025	0.00071 (J)		
12/29/2015				0.0076	0.0018
1/13/2016	0.0013				
1/14/2016		<0.0025	<0.0025	0.0056	0.0018
1/25/2016				0.0061	0.0019
1/26/2016	0.0012 (J)	<0.0025	<0.0025		
4/19/2016		<0.0025	<0.0025		
4/20/2016	<0.0025				
4/21/2016				0.00468 (J)	<0.0025
6/15/2016	0.00073 (J)				
6/16/2016		0.00017 (J)	6.7E-05 (J)	0.0032 (J)	0.0021 (J)
8/9/2016	0.00069 (J)				
8/10/2016			<0.0025	0.0025	0.0015 (J)
8/11/2016		<0.0025			
9/27/2016	0.00081 (J)			0.0023 (J)	0.015 (o)
9/28/2016		<0.0025	<0.0025		
11/15/2016	0.00071 (J)		<0.0025	0.0019 (J)	0.0017 (J)
11/16/2016		<0.0025			
1/11/2017	0.00062 (J)	<0.0025			
1/12/2017					0.0014 (J)
1/13/2017				0.0017 (J)	
1/16/2017			<0.0025		
3/1/2017	0.00081 (J)	<0.0025	<0.0025	0.0021 (J)	0.0019 (J)
4/20/2017	0.00053 (J)				
4/24/2017					0.0015 (J)
4/25/2017		<0.0025	<0.0025	0.0016 (J)	
7/19/2017	0.00051 (J)				
7/25/2017		<0.0025	<0.0025	0.0016 (J)	0.0014 (J)
1/11/2018	0.00046 (J)				0.0013 (J)
1/12/2018		<0.0025	<0.0025	0.0014 (J)	
7/11/2018	<0.0025	<0.0025	<0.0025	0.0013 (J)	0.0012 (J)
1/29/2019	0.00038 (J)		<0.0025	0.00084 (J)	
1/30/2019		<0.0025			<0.0025
3/27/2019	<0.0025	<0.0025	<0.0025	0.0012	0.001
9/11/2019	0.00034 (J)	8.2E-05 (J)	9.9E-05 (J)	0.0014	0.0012
4/1/2020	0.00023 (J)	<0.0025	<0.0025	0.00094 (J)	0.00088 (J)
9/15/2020	<0.0025	<0.0025		0.00097 (J)	0.00088 (J)
9/16/2020			<0.0025		
3/16/2021	0.00027 (J)		<0.0025	0.0009 (J)	
3/17/2021		<0.0025			0.00092 (J)

Time Series

Constituent: Cobalt (mg/L) Analysis Run 4/27/2021 11:42 AM View: Constituents View

Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-23	GWC-4A[*GWB-4...GWC-5[*GWB-5]...	GWC-9
8/25/2004		<0.0025	<0.0025
9/11/2004		<0.0025	<0.0025
9/26/2004		<0.0025	<0.0025
10/13/2004		<0.0025	<0.0025
7/11/2005		<0.0025	<0.0025
12/7/2005		<0.0025	<0.0025
6/22/2006		<0.0025	<0.0025
11/28/2006		<0.0025	<0.0025
7/6/2007		<0.0025	<0.0025
12/13/2007		<0.0025	<0.0025
6/20/2008		<0.0025	<0.0025
12/7/2008		<0.0025	<0.0025
7/9/2009		<0.0025	<0.0025
12/29/2009		0.011	<0.0025
12/30/2009		0.013	
6/22/2010		<0.0025	<0.0025
1/4/2011		<0.0025	
1/5/2011			<0.0025
7/9/2011		<0.0025	<0.0025
7/10/2011		<0.0025	
1/21/2012		0.0061	<0.0025
7/11/2012		0.01	0.0072
1/19/2013			<0.0025
1/20/2013		0.0033	0.0055
7/18/2013			<0.0025
7/19/2013		<0.0025	
1/15/2014			0.00075 (J)
1/16/2014		0.0027	0.00052 (J)
7/10/2014		<0.0025	0.0007 (J)
1/15/2015			0.0007 (J)
1/16/2015		0.0077	<0.0025
6/19/2015			0.0011 (J)
6/20/2015		<0.0025	0.00052 (J)
1/14/2016		<0.0025	0.00064 (J)
4/19/2016			<0.0025
4/20/2016		<0.0025	
6/14/2016		0.0004 (J)	0.0006 (J)
6/15/2016			0.00052 (J)
6/16/2016	0.0019 (J)		
8/9/2016			0.00062 (J)
8/10/2016	0.0051		0.0006 (J)
8/11/2016		0.0046	
9/27/2016		0.001 (J)	0.00059 (J)
9/28/2016	0.0058		0.00063 (J)
11/14/2016		<0.0025	
11/15/2016			0.00064 (J)
11/16/2016	0.0063		0.00053 (J)
1/10/2017		0.00044 (J)	
1/11/2017			0.00064 (J)
1/13/2017			0.00052 (J)
1/17/2017	0.0057		
1/19/2017			0.00046 (J)

Time Series

Constituent: Cobalt (mg/L) Analysis Run 4/27/2021 11:42 AM View: Constituents View
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-23	GWC-4A[*GWB-4...GWC-5[*GWB-5]...	GWC-9
1/24/2017			0.009
2/28/2017		0.001 (J)	0.00078 (J)
3/1/2017			0.00084 (J)
3/2/2017	0.0095		
4/20/2017		0.00059 (J)	0.00065 (J)
4/24/2017			0.00055 (J)
4/25/2017	0.0078		
7/13/2017	0.0061		
7/18/2017		0.00079 (J)	0.00069 (J)
7/24/2017			0.00058 (J)
7/25/2017	0.0074		
1/10/2018		0.0018 (J)	0.00068 (J)
1/12/2018	0.0072		0.00054 (J)
7/11/2018		0.0044	0.00071 (J)
7/12/2018	0.0077		0.00072 (J)
1/29/2019		0.0033	0.00064 (J)
1/30/2019	0.0061		<0.0025
3/26/2019		0.0037	0.00064
3/27/2019	0.006		0.00051
9/10/2019		0.0031	0.00074
9/11/2019	0.0059		0.00083
3/31/2020		0.0038	0.00067 (J)
4/1/2020	0.0037		0.00042 (J)
9/15/2020	0.0032		0.0005 (J)
9/16/2020		0.0014 (J)	0.00037 (J)
3/17/2021	0.0035	0.0014 (J)	0.00083 (J) 0.00092 (J)

Time Series

Constituent: Copper (mg/L) Analysis Run 4/27/2021 11:42 AM View: Constituents View

Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWA-13 (bg)	GWA-14 (bg)	GWA-16[*]GWB-1...	GWA-2 (bg)	GWA-3 (bg)
8/25/2004				<0.002	<0.002
9/11/2004				0.003	<0.002
9/26/2004				<0.002	0.0029
10/13/2004				<0.002	<0.002
7/11/2005				<0.002	<0.002
12/7/2005				<0.002	<0.002
6/22/2006				<0.002	0.0026
11/28/2006				<0.002	<0.002
7/6/2007				<0.002	0.0034
12/13/2007				<0.002	<0.002
6/20/2008				<0.002	<0.002
12/7/2008				<0.002	<0.002
7/9/2009				<0.002	<0.002
12/28/2009				<0.002	<0.002
6/22/2010				<0.002	<0.002
1/4/2011				<0.002	
1/5/2011					0.014 (o)
7/9/2011				<0.002	<0.002
1/20/2012					<0.002
1/21/2012				<0.002	
7/11/2012				<0.002	<0.002
1/19/2013					<0.002
1/20/2013				<0.002	
7/18/2013					<0.002
7/19/2013				<0.002	
1/15/2014				<0.002	<0.002
7/11/2014				<0.002	<0.002
1/15/2015					<0.002
1/16/2015				<0.002	
6/19/2015					<0.002
6/20/2015				<0.002	
12/7/2015	<0.002	<0.002	0.001 (J)		
12/14/2015			<0.002		
12/15/2015	<0.002	<0.002			
12/28/2015			<0.002		
12/29/2015	<0.002	<0.002			
1/13/2016	<0.002	<0.002	<0.002		
1/16/2016				<0.002	<0.002
1/25/2016	<0.002	0.0014 (J)	0.00081 (J)		
6/14/2016	<0.002	<0.002		<0.002	<0.002
6/15/2016			<0.002		
1/10/2017				<0.002	<0.002
1/11/2017		<0.002	<0.002		
1/12/2017	<0.002				
7/17/2017				<0.002	
7/18/2017	<0.002				<0.002
7/19/2017		<0.002	<0.002		
1/10/2018	<0.002			<0.002	<0.002
1/11/2018		<0.002	<0.002		
7/11/2018	<0.002	<0.002	<0.002	<0.002	<0.002
1/29/2019	<0.002	<0.002	<0.002	<0.002	<0.002
3/26/2019	<0.002	<0.002	<0.002		

Time Series

Constituent: Copper (mg/L) Analysis Run 4/27/2021 11:42 AM View: Constituents View
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWA-13 (bg)	GWA-14 (bg)	GWA-16[*]GWB-1...	GWA-2 (bg)	GWA-3 (bg)
3/27/2019				<0.002	<0.002
9/10/2019	0.00066 (J)	0.00076 (J)	<0.002		
9/11/2019				<0.002	0.00092 (J)
3/31/2020	<0.002				
4/1/2020		<0.002	<0.002	<0.002	<0.002
9/15/2020	<0.002	<0.002	<0.002	<0.002	0.00095 (J)
3/16/2021	<0.002	<0.002	<0.002	<0.002	<0.002

Time Series

Constituent: Copper (mg/L) Analysis Run 4/27/2021 11:42 AM View: Constituents View

Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-1	GWC-10	GWC-11	GWC-12	GWC-15[*GWB-1...
8/25/2004	<0.002	<0.002	<0.002	<0.002	
9/11/2004	<0.002	<0.002	<0.002	<0.002	
9/26/2004	<0.002	<0.002	<0.002	<0.002	
10/13/2004		<0.002	<0.002	<0.002	
7/11/2005	<0.002	<0.002	<0.002	<0.002	
12/7/2005	<0.002	<0.002	<0.002	<0.002	
6/22/2006	<0.002	<0.002	<0.002	<0.002	
11/28/2006	<0.002	<0.002	0.0027	<0.002	
7/6/2007	<0.002	<0.002	<0.002	<0.002	
12/13/2007	<0.002	<0.002	<0.002	<0.002	
6/20/2008	<0.002	<0.002	<0.002	<0.002	
12/7/2008	<0.002	<0.002	<0.002	<0.002	
7/9/2009	<0.002				
7/10/2009		<0.002	<0.002	<0.002	
12/28/2009	<0.002			<0.002	
12/29/2009		<0.002	<0.002		
6/22/2010	<0.002	<0.002	<0.002	<0.002	
1/4/2011	<0.002	<0.002		<0.002	
1/5/2011			<0.002		
7/9/2011	<0.002		<0.002	<0.002	
7/10/2011		<0.002			
1/20/2012				<0.002	
1/21/2012	<0.002	<0.002	<0.002		
7/11/2012	<0.002	<0.002	<0.002	<0.002	
1/19/2013			<0.002	<0.002	
1/20/2013	<0.002	<0.002			
7/18/2013				<0.002	
7/19/2013	<0.002	<0.002	<0.002		
1/15/2014	<0.002		<0.002	<0.002	
1/16/2014		<0.002			
7/10/2014		<0.002			
7/11/2014	<0.002		0.0014 (J)	<0.002	
1/15/2015				<0.002	
1/16/2015	<0.002	<0.002	<0.002		
6/19/2015				<0.002	
6/20/2015	<0.002	<0.002	<0.002		
12/7/2015					0.00084 (J)
12/15/2015					<0.002
12/28/2015					<0.002
1/13/2016					<0.002
1/14/2016			<0.002		
1/16/2016	<0.002	<0.002		<0.002	
1/25/2016					<0.002
6/15/2016	<0.002		<0.002	<0.002	<0.002
6/16/2016		<0.002			
1/11/2017					<0.002
1/12/2017	<0.002	<0.002	<0.002	<0.002	
7/19/2017	<0.002				<0.002
7/20/2017				<0.002	
7/24/2017		<0.002	<0.002		
1/11/2018	<0.002	<0.002	<0.002	<0.002	<0.002
7/11/2018					<0.002

Time Series

Constituent: Copper (mg/L) Analysis Run 4/27/2021 11:42 AM View: Constituents View
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-1	GWC-10	GWC-11	GWC-12	GWC-15[*GWB-1...
7/12/2018	<0.002	<0.002	<0.002	<0.002	
1/29/2019					<0.002
1/30/2019	<0.002	<0.002	<0.002	<0.002	
3/26/2019					<0.002
3/27/2019	<0.002	<0.002	<0.002	<0.002	
9/11/2019	0.001 (J)	<0.002	<0.002	0.00069 (J)	<0.002
4/1/2020	<0.002	<0.002		<0.002	<0.002
4/2/2020			0.0013 (J)		
9/15/2020	<0.002	<0.002	<0.002		<0.002
9/16/2020				<0.002	
3/16/2021	<0.002	<0.002		<0.002	
3/17/2021			0.0019 (J)		<0.002

Time Series

Constituent: Copper (mg/L) Analysis Run 4/27/2021 11:42 AM View: Constituents View

Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-17 (bg)	GWC-18 (bg)	GWC-19	GWC-20	GWC-21
12/8/2015	0.0021 (J)	<0.002	<0.002		
12/9/2015				<0.002	<0.002
12/14/2015	0.0018 (J)	0.00096 (J)		<0.002	<0.002
12/15/2015			<0.002		
12/28/2015	<0.002	<0.002	<0.002		
12/29/2015				<0.002	0.00082 (J)
1/13/2016	<0.002				
1/14/2016		<0.002	<0.002	<0.002	0.0064 (o)
1/25/2016				<0.002	<0.002
1/26/2016	<0.002	<0.002	<0.002		
6/15/2016	<0.002				
6/16/2016		0.00068 (J)	0.00024 (J)	0.00032 (J)	0.00042 (J)
1/11/2017	<0.002	<0.002			
1/12/2017					<0.002
1/13/2017				<0.002	
1/16/2017			<0.002		
7/19/2017	<0.002				
7/25/2017		<0.002	<0.002	<0.002	<0.002
1/11/2018	<0.002				<0.002
1/12/2018		<0.002	<0.002	<0.002	
7/11/2018	<0.002	<0.002	<0.002	<0.002	<0.002
1/29/2019	<0.002		<0.002	<0.002	
1/30/2019		0.0021 (J)			<0.002
3/27/2019	<0.002	<0.002	<0.002	<0.002	<0.002
9/11/2019	0.0012 (J)	0.0011 (J)	0.00085 (J)	0.0012 (J)	0.00066 (J)
4/1/2020	<0.002	<0.002	<0.002	<0.002	<0.002
9/15/2020	<0.002	<0.002		<0.002	<0.002
9/16/2020			<0.002		
3/16/2021	<0.002		<0.002	<0.002	
3/17/2021		0.001 (J)			<0.002

Time Series

Constituent: Copper (mg/L) Analysis Run 4/27/2021 11:42 AM View: Constituents View

Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-23	GWC-4A[*GWB-4...GWC-5[*GWB-5]...	GWC-9
8/25/2004		0.0023	<0.002
9/11/2004		<0.002	<0.002
9/26/2004		<0.002	0.0021
10/13/2004		<0.002	<0.002
7/11/2005		<0.002	<0.002
12/7/2005		<0.002	<0.002
6/22/2006		<0.002	<0.002
11/28/2006		<0.002	<0.002
7/6/2007		<0.002	<0.002
12/13/2007		<0.002	<0.002
6/20/2008		<0.002	<0.002
12/7/2008		<0.002	<0.002
7/9/2009		<0.002	<0.002
12/29/2009		<0.002	<0.002
12/30/2009		<0.002	
6/22/2010		<0.002	<0.002
1/4/2011		<0.002	
1/5/2011			<0.002
7/9/2011		<0.002	<0.002
7/10/2011		<0.002	
1/21/2012		<0.002	<0.002
7/11/2012		<0.002	<0.002
1/19/2013		<0.002	<0.002
1/20/2013		<0.002	
7/18/2013		<0.002	<0.002
7/19/2013		<0.002	
1/15/2014		<0.002	<0.002
1/16/2014		<0.002	
7/10/2014		<0.002	<0.002
1/15/2015		<0.002	
1/16/2015		<0.002	<0.002
6/19/2015		<0.002	
6/20/2015		<0.002	<0.002
1/14/2016		<0.002	0.00084 (J)
6/14/2016		<0.002	0.0021 (J)
6/15/2016			<0.002
6/16/2016	0.0011 (J)		
1/10/2017		<0.002	
1/11/2017		<0.002	
1/13/2017			<0.002
1/17/2017	<0.002		
7/18/2017		<0.002	
7/24/2017			<0.002
7/25/2017	<0.002		
1/10/2018		<0.002	<0.002
1/12/2018	<0.002		<0.002
7/11/2018		<0.002	<0.002
7/12/2018	<0.002		<0.002
1/29/2019		<0.002	<0.002
1/30/2019	<0.002		0.002 (J)
3/26/2019		0.0021	<0.002
3/27/2019	<0.002		<0.002

Time Series

Constituent: Copper (mg/L) Analysis Run 4/27/2021 11:42 AM View: Constituents View
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-23	GWC-4A[*GWB-4...GWC-5[*GWB-5]...	GWC-9
9/10/2019		0.0016 (J)	<0.002
9/11/2019	0.00092 (J)		0.00092 (J)
3/31/2020		0.0051	<0.002
4/1/2020	<0.002		<0.002
9/15/2020	<0.002		<0.002
9/16/2020		0.00079 (J)	<0.002
3/17/2021	<0.002	0.0012 (J)	<0.002

Time Series

Constituent: Fluoride (mg/L) Analysis Run 4/27/2021 11:42 AM View: Constituents View

Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWA-13 (bg)	GWA-14 (bg)	GWA-16[*GWB-1...	GWA-2 (bg)	GWA-3 (bg)
4/19/2016				0.03 (J)	0.022 (J)
4/20/2016	0.018 (J)	0.021 (J)	0.022 (J)		
6/14/2016	<0.1	<0.1		0.02 (J)	<0.1
6/15/2016			<0.1		
8/9/2016	<0.1	<0.1	<0.1	<0.1	<0.1
9/26/2016				<0.1	
9/27/2016	<0.1	<0.1	<0.1		<0.1
11/14/2016					<0.1
11/15/2016	<0.1	<0.1	<0.1	<0.1	
1/10/2017				<0.1	<0.1
1/11/2017		<0.1	<0.1		
1/12/2017	<0.1				
2/28/2017	<0.1	<0.1		<0.1	<0.1
3/1/2017			<0.1		
4/19/2017				<0.1	<0.1
4/20/2017	<0.1	<0.1	<0.1		
10/10/2017				<0.1	
10/11/2017	<0.1	<0.1	<0.1		<0.1
1/10/2018	<0.1			<0.1	<0.1
1/11/2018		<0.1	<0.1		
7/11/2018	<0.1	<0.1	<0.1	<0.1	<0.1
1/29/2019	<0.1	<0.1	<0.1	<0.1	<0.1
3/26/2019	<0.1	<0.1	<0.1		
3/27/2019				<0.1	<0.1
9/10/2019	0.034 (J)	0.032 (J)	0.035 (J)		
9/11/2019				0.037 (J)	0.033 (J)
3/31/2020	0.046 (J)				
4/1/2020		0.048 (J)	<0.1	<0.1	<0.1
9/15/2020	<0.1	<0.1	<0.1	0.029 (J)	<0.1
3/16/2021	<0.1	<0.1	<0.1	0.033 (J)	<0.1

Time Series

Constituent: Fluoride (mg/L) Analysis Run 4/27/2021 11:42 AM View: Constituents View

Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-1	GWC-10	GWC-11	GWC-12	GWC-15[*GWB-1...
4/20/2016	0.04 (J)		0.383	0.026 (J)	
4/21/2016		0.217 (J)			0.019 (J)
6/15/2016	<0.1		0.28 (J)	<0.1	<0.1
6/16/2016		0.13 (J)			
8/9/2016					<0.1
8/10/2016	<0.1	0.21	0.42	<0.1	
9/27/2016	<0.1	0.17 (J)	0.39	<0.1	<0.1
11/15/2016	<0.1	0.22	0.43	<0.1	<0.1
1/11/2017					<0.1
1/12/2017	<0.1	0.12 (J)	0.41	<0.1	
2/28/2017					<0.1
3/1/2017	<0.1	<0.1	<0.1	<0.1	
4/20/2017	<0.1			<0.1	<0.1
4/24/2017		0.18 (J)	0.37		
10/11/2017	<0.1		0.39		<0.1
10/12/2017		0.18 (J)		<0.1	
12/13/2017			0.48		
1/11/2018	<0.1	0.15 (J)	0.31	<0.1	<0.1
7/11/2018					<0.1
7/12/2018	<0.1	0.13 (J)	0.25	<0.1	
1/29/2019					<0.1
1/30/2019	<0.1	0.23 (J)	0.35	<0.1	
3/26/2019					<0.1
3/27/2019	0.029	0.12	0.24	<0.1	
9/11/2019	0.036 (J)	0.1	0.26	0.036 (J)	0.032 (J)
4/1/2020	<0.1	0.26		<0.1	0.05 (J)
4/2/2020			0.26		
9/15/2020	<0.1	0.11	0.21		<0.1
9/16/2020				<0.1	
3/16/2021	<0.1	0.18		<0.1	
3/17/2021			0.28		<0.1

Time Series

Constituent: Fluoride (mg/L) Analysis Run 4/27/2021 11:42 AM View: Constituents View

Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-17 (bg)	GWC-18 (bg)	GWC-19	GWC-20	GWC-21
4/19/2016		0.706	0.122 (J)		
4/20/2016	0.147 (J)				
4/21/2016				0.06 (J)	0.022 (J)
6/15/2016	0.1 (J)				
6/16/2016		0.56	0.08 (J)	<0.1	<0.1
8/9/2016	0.16 (J)				
8/10/2016			0.14 (J)	<0.1	<0.1
8/11/2016		0.74			
9/27/2016	0.14 (J)			<0.1	<0.1
9/28/2016		0.7	0.11 (J)		
11/15/2016	0.16 (J)		0.13 (J)	<0.1	<0.1
11/16/2016		0.71			
1/11/2017	0.16 (J)	0.51			
1/12/2017					<0.1
1/13/2017				0.083 (J)	
1/16/2017			0.11 (J)		
3/1/2017	<0.1	0.61	<0.1	<0.1	<0.1
4/20/2017	0.12 (J)				
4/24/2017					<0.1
4/25/2017		0.65	0.087 (J)	<0.1	
10/11/2017	0.11 (J)				
10/12/2017		0.6	0.087 (J)	<0.1	<0.1
12/13/2017		0.61			
1/11/2018	0.12 (J)				<0.1
1/12/2018		0.55	0.083 (J)	<0.1	
7/11/2018	0.13 (J)	0.59	0.091 (J)	<0.1	<0.1
1/29/2019	0.13 (J)		0.074 (J)	0.031 (J)	
1/30/2019		0.65			<0.1
3/27/2019	0.1	0.49	0.072	0.034	<0.1
9/11/2019	0.099 (J)	0.47	0.08 (J)	0.045 (J)	0.032 (J)
4/1/2020	0.15	0.59	0.11	0.082 (J)	0.04 (J)
9/15/2020	0.099 (J)	0.49		0.032 (J)	<0.1
9/16/2020			0.076 (J)		
3/16/2021	0.13		0.092 (J)	0.04 (J)	
3/17/2021		0.54			<0.1

Time Series

Constituent: Fluoride (mg/L) Analysis Run 4/27/2021 11:42 AM View: Constituents View

Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-23	GWC-4A[*GWB-4...GWC-5*GWB-5]...	GWC-9
4/19/2016			0.02 (J)
4/20/2016		0.028 (J)	0.032 (J)
6/14/2016		<0.1	<0.1
6/15/2016			<0.1
6/16/2016	0.04 (J)		
8/9/2016		<0.1	
8/10/2016	<0.1		<0.1
8/11/2016		<0.1	
9/27/2016		<0.1	<0.1
9/28/2016	0.097 (J)		
11/14/2016		<0.1	
11/15/2016			<0.1
11/16/2016	0.092 (J)		
1/10/2017		<0.1	
1/11/2017			<0.1
1/13/2017			<0.1
1/17/2017	<0.1		
2/28/2017		<0.1	<0.1
3/1/2017			<0.1
3/2/2017	<0.1		
4/20/2017		<0.1	<0.1
4/24/2017			<0.1
4/25/2017	<0.1		
7/13/2017	<0.1		
10/10/2017		<0.1	
10/11/2017			<0.1
10/12/2017	<0.1		<0.1
1/10/2018		<0.1	<0.1
1/12/2018	<0.1		<0.1
7/11/2018		<0.1	<0.1
7/12/2018	<0.1		<0.1
1/29/2019		<0.1	<0.1
1/30/2019	<0.1		<0.1
3/26/2019		<0.1	0.028
3/27/2019	0.027		<0.1
9/10/2019		0.044 (J)	0.037 (J)
9/11/2019	0.041 (J)		0.034 (J)
3/31/2020		0.043 (J)	0.061 (J)
4/1/2020	0.05 (J)		0.051 (J)
9/15/2020	0.028 (J)		<0.1
9/16/2020		<0.1	<0.1
3/17/2021	<0.1	<0.1	0.026 (J) 0.035 (J)

Time Series

Constituent: Lead (mg/L) Analysis Run 4/27/2021 11:42 AM View: Constituents View

Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWA-13 (bg)	GWA-14 (bg)	GWA-16[*]GWB-1...	GWA-2 (bg)	GWA-3 (bg)
8/25/2004				<0.001	<0.001
9/11/2004				<0.001	<0.001
9/26/2004				<0.001	<0.001
10/13/2004				<0.001	<0.001
7/11/2005				<0.001	<0.001
12/7/2005				<0.001	<0.001
6/22/2006				<0.001	<0.001
11/28/2006				<0.001	<0.001
7/6/2007				<0.001	<0.001
12/13/2007				<0.001	<0.001
6/20/2008				<0.001	<0.001
12/7/2008				<0.001	<0.001
7/9/2009				<0.001	<0.001
12/28/2009				<0.001	<0.001
6/22/2010				<0.001	<0.001
1/4/2011				<0.001	
1/5/2011					0.014 (o)
7/9/2011				<0.001	<0.001
1/20/2012					<0.001
1/21/2012				<0.001	
7/11/2012				<0.001	<0.001
1/19/2013					<0.001
1/20/2013				<0.001	
7/18/2013					<0.001
7/19/2013				<0.001	
1/15/2014				<0.001	<0.001
7/11/2014				<0.001	<0.001
1/15/2015					<0.001
1/16/2015				<0.001	
6/19/2015					<0.001
6/20/2015				<0.001	
12/7/2015	<0.001	<0.001	<0.001		
12/14/2015			<0.001		
12/15/2015	<0.001	<0.001			
12/28/2015			<0.001		
12/29/2015	<0.001	<0.001			
1/13/2016	<0.001	<0.001	<0.001		
1/16/2016				<0.001	<0.001
1/25/2016	<0.001	<0.001	<0.001		
4/19/2016				<0.001	<0.001
4/20/2016	<0.001	<0.001	<0.001		
6/14/2016	<0.001	<0.001		<0.001	<0.001
6/15/2016			<0.001		
8/9/2016	<0.001	<0.001	<0.001	<0.001	<0.001
9/26/2016				<0.001	
9/27/2016	<0.001	<0.001	<0.001		<0.001
11/14/2016					<0.001
11/15/2016	<0.001	<0.001	<0.001	<0.001	
1/10/2017				<0.001	<0.001
1/11/2017		<0.001	<0.001		
1/12/2017	<0.001				
2/28/2017	<0.001	<0.001		<0.001	<0.001

Time Series

Constituent: Lead (mg/L) Analysis Run 4/27/2021 11:42 AM View: Constituents View
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWA-13 (bg)	GWA-14 (bg)	GWA-16[*GWB-1...	GWA-2 (bg)	GWA-3 (bg)
3/1/2017			<0.001		
4/19/2017				<0.001	<0.001
4/20/2017	<0.001	<0.001	<0.001		
7/17/2017				<0.001	
7/18/2017	<0.001				<0.001
7/19/2017		<0.001	<0.001		
1/10/2018	<0.001			<0.001	<0.001
1/11/2018		<0.001	<0.001		
7/11/2018	<0.001	<0.001	<0.001	<0.001	<0.001
1/29/2019	<0.001	<0.001	<0.001	<0.001	<0.001
3/26/2019	<0.001	<0.001	<0.001		
3/27/2019				<0.001	<0.001
9/10/2019	0.00058 (J)	0.00013 (J)	0.00013 (J)		
9/11/2019				<0.001	<0.001
3/31/2020	<0.001				
4/1/2020		<0.001	<0.001	<0.001	<0.001
9/15/2020	<0.001	<0.001	0.00024 (J)	<0.001	<0.001
3/16/2021	<0.001	<0.001	<0.001	<0.001	<0.001

Time Series

Constituent: Lead (mg/L) Analysis Run 4/27/2021 11:42 AM View: Constituents View

Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-1	GWC-10	GWC-11	GWC-12	GWC-15[*GWB-1...
8/25/2004	<0.001	<0.001	<0.001	<0.001	
9/11/2004	<0.001	<0.001	<0.001	<0.001	
9/26/2004	<0.001	<0.001	<0.001	<0.001	
10/13/2004		<0.001	<0.001	<0.001	
7/11/2005	<0.001	<0.001	<0.001	<0.001	
12/7/2005	<0.001	<0.001	<0.001	<0.001	
6/22/2006	<0.001	<0.001	<0.001	<0.001	
11/28/2006	<0.001	<0.001	<0.001	<0.001	
7/6/2007	<0.001	<0.001	<0.001	<0.001	
12/13/2007	<0.001	<0.001	<0.001	<0.001	
6/20/2008	<0.001	<0.001	<0.001	<0.001	
12/7/2008	<0.001	<0.001	<0.001	<0.001	
7/9/2009	<0.001				
7/10/2009		<0.001	<0.001	<0.001	
12/28/2009	<0.001			<0.001	
12/29/2009		<0.001	<0.001		
6/22/2010	<0.001	<0.001	<0.001	<0.001	
1/4/2011	<0.001	<0.001		<0.001	
1/5/2011			<0.001		
7/9/2011	<0.001		<0.001	<0.001	
7/10/2011		<0.001			
1/20/2012				<0.001	
1/21/2012	<0.001	<0.001	<0.001		
7/11/2012	<0.001	<0.001	<0.001	<0.001	
1/19/2013			<0.001	<0.001	
1/20/2013	<0.001	<0.001			
7/18/2013				<0.001	
7/19/2013	<0.001	<0.001	<0.001		
1/15/2014	<0.001		<0.001	<0.001	
1/16/2014		<0.001			
7/10/2014		<0.001			
7/11/2014	<0.001		<0.001	<0.001	
1/15/2015				<0.001	
1/16/2015	<0.001	<0.001	<0.001		
6/19/2015				<0.001	
6/20/2015	<0.001	<0.001	<0.001		
12/7/2015					<0.001
12/15/2015					<0.001
12/28/2015					<0.001
1/13/2016					<0.001
1/14/2016			<0.001		
1/16/2016	<0.001	<0.001		<0.001	
1/25/2016					<0.001
4/20/2016	<0.001		<0.001	<0.001	
4/21/2016		<0.001			<0.001
6/15/2016	<0.001		0.0002 (J)	<0.001	<0.001
6/16/2016		<0.001			
8/9/2016					<0.001
8/10/2016	<0.001	<0.001	<0.001	<0.001	
9/27/2016	<0.001	<0.001	<0.001	<0.001	<0.001
11/15/2016	<0.001	<0.001	<0.001	<0.001	<0.001
1/11/2017					<0.001

Time Series

Constituent: Lead (mg/L) Analysis Run 4/27/2021 11:42 AM View: Constituents View
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-1	GWC-10	GWC-11	GWC-12	GWC-15[*GWB-1...
1/12/2017	<0.001	<0.001	<0.001	<0.001	
1/23/2017	<0.001				
2/28/2017					<0.001
3/1/2017	<0.001	<0.001	<0.001	<0.001	
4/20/2017	<0.001			<0.001	<0.001
4/24/2017		<0.001	0.00037 (J)		
7/19/2017	<0.001				<0.001
7/20/2017				<0.001	
7/24/2017		<0.001	<0.001		
1/11/2018	<0.001	<0.001	<0.001	<0.001	<0.001
7/11/2018					<0.001
7/12/2018	<0.001	<0.001	<0.001	<0.001	
1/29/2019					<0.001
1/30/2019	<0.001	<0.001	<0.001	<0.001	
3/26/2019					<0.001
3/27/2019	<0.001	<0.001	<0.001	<0.001	
9/11/2019	<0.001	<0.001	<0.001	<0.001	<0.001
4/1/2020	<0.001	<0.001		<0.001	<0.001
4/2/2020			0.00025 (J)		
9/15/2020	<0.001	<0.001	<0.001		<0.001
9/16/2020				<0.001	
3/16/2021	<0.001	<0.001		<0.001	
3/17/2021			0.00031 (J)		<0.001

Time Series

Constituent: Lead (mg/L) Analysis Run 4/27/2021 11:42 AM View: Constituents View

Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-17 (bg)	GWC-18 (bg)	GWC-19	GWC-20	GWC-21
12/8/2015	<0.001	<0.001	<0.001		
12/9/2015				<0.001	<0.001
12/14/2015	<0.001	<0.001		<0.001	<0.001
12/15/2015			<0.001		
12/28/2015	<0.001	<0.001	<0.001		
12/29/2015				<0.001	<0.001
1/13/2016	<0.001				
1/14/2016		<0.001	<0.001	<0.001	<0.001
1/25/2016				<0.001	<0.001
1/26/2016	<0.001	<0.001	<0.001		
4/19/2016		<0.001	<0.001		
4/20/2016	<0.001				
4/21/2016				<0.001	<0.001
6/15/2016	<0.001				
6/16/2016		0.00015 (J)	<0.001	<0.001	<0.001
8/9/2016	<0.001				
8/10/2016			<0.001	<0.001	<0.001
8/11/2016		<0.001			
9/27/2016	<0.001			<0.001	0.00079 (J)
9/28/2016		<0.001	<0.001		
11/15/2016	<0.001		<0.001	<0.001	<0.001
11/16/2016		<0.001			
1/11/2017	<0.001	<0.001			
1/12/2017					<0.001
1/13/2017				<0.001	
1/16/2017			<0.001		
3/1/2017	<0.001	<0.001	<0.001	<0.001	<0.001
4/20/2017	<0.001				
4/24/2017					<0.001
4/25/2017		<0.001	<0.001	<0.001	
7/19/2017	<0.001				
7/25/2017		<0.001	<0.001	<0.001	<0.001
1/11/2018	<0.001				<0.001
1/12/2018		<0.001	<0.001	<0.001	
7/11/2018	<0.001	<0.001	<0.001	<0.001	<0.001
1/29/2019	<0.001		<0.001	<0.001	
1/30/2019		0.00067 (J)			<0.001
3/27/2019	<0.001	<0.001	<0.001	<0.001	<0.001
9/11/2019	<0.001	0.00017 (J)	<0.001	0.00024 (J)	0.00021 (J)
4/1/2020	<0.001	<0.001	<0.001	<0.001	<0.001
9/15/2020	<0.001	<0.001		<0.001	<0.001
9/16/2020			<0.001		
3/16/2021	<0.001		<0.001	<0.001	
3/17/2021		0.00015 (J)			<0.001

Time Series

Constituent: Lead (mg/L) Analysis Run 4/27/2021 11:42 AM View: Constituents View

Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-23	GWC-4A[*GWB-4...GWC-5[*GWB-5]...	GWC-9
8/25/2004		<0.001	<0.001 0.0056 (o)
9/11/2004		<0.001	<0.001
9/26/2004		<0.001	<0.001
10/13/2004		<0.001	<0.001
7/11/2005		<0.001	<0.001
12/7/2005		<0.001	<0.001
6/22/2006		<0.001	<0.001
11/28/2006		<0.001	<0.001
7/6/2007		<0.001	<0.001
12/13/2007		<0.001	<0.001
6/20/2008		<0.001	<0.001
12/7/2008		<0.001	<0.001
7/9/2009		<0.001	<0.001
12/29/2009		<0.001	<0.001
12/30/2009		<0.001	
6/22/2010		<0.001	<0.001
1/4/2011		<0.001	
1/5/2011			<0.001
7/9/2011		<0.001	<0.001
7/10/2011		<0.001	
1/21/2012		<0.001	<0.001
7/11/2012		<0.001	<0.001
1/19/2013		<0.001	<0.001
1/20/2013		<0.001	
7/18/2013		<0.001	<0.001
7/19/2013		<0.001	
1/15/2014		<0.001	<0.001
1/16/2014		<0.001	
7/10/2014		<0.001	<0.001
1/15/2015		<0.001	
1/16/2015		<0.001	<0.001
6/19/2015		<0.001	
6/20/2015		<0.001	<0.001
1/14/2016		<0.001	<0.001
4/19/2016			<0.001
4/20/2016		<0.001	
6/14/2016		<0.001	0.00019 (J)
6/15/2016			<0.001
6/16/2016	<0.001		
8/9/2016		<0.001	
8/10/2016	<0.001		<0.001
8/11/2016		<0.001	
9/27/2016		<0.001	<0.001
9/28/2016	<0.001		
11/14/2016		<0.001	
11/15/2016		<0.001	<0.001
11/16/2016	<0.001		
1/10/2017		<0.001	
1/11/2017		<0.001	
1/13/2017			<0.001
1/17/2017	<0.001		
1/19/2017		0.001 (J)	

Time Series

Constituent: Lead (mg/L) Analysis Run 4/27/2021 11:42 AM View: Constituents View

Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-23	GWC-4A[*GWB-4...GWC-5[*GWB-5]...	GWC-9
1/24/2017			<0.001
2/28/2017		<0.001	<0.001
3/1/2017			<0.001
3/2/2017	<0.001		
4/20/2017		<0.001	0.00041 (J)
4/24/2017			<0.001
4/25/2017	<0.001		
7/13/2017	<0.001		
7/18/2017		<0.001	<0.001
7/24/2017			<0.001
7/25/2017	<0.001		
1/10/2018		<0.001	<0.001
1/12/2018	<0.001		<0.001
7/11/2018		<0.001	<0.001
7/12/2018	<0.001		<0.001
1/29/2019		<0.001	<0.001
1/30/2019	0.00013 (J)		<0.001
3/26/2019		<0.001	<0.001
3/27/2019	<0.001		<0.001
9/10/2019		0.00051 (J)	0.00074 (J)
9/11/2019	0.00018 (J)		<0.001
3/31/2020		0.00024 (J)	<0.001
4/1/2020	<0.001		<0.001
9/15/2020	<0.001		<0.001
9/16/2020		<0.001	<0.001
3/17/2021	<0.001	<0.001	<0.001

Time Series

Constituent: Mercury (mg/L) Analysis Run 4/27/2021 11:42 AM View: Constituents View

Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWA-13 (bg)	GWA-14 (bg)	GWA-16[*GWB-1...	GWA-2 (bg)	GWA-3 (bg)
4/19/2016				<0.0002	<0.0002
4/20/2016	<0.0002	<0.0002	<0.0002		
6/14/2016	<0.0002	<0.0002		<0.0002	<0.0002
6/15/2016			<0.0002		
8/9/2016	0.00012 (J)	0.00012 (J)	0.0001 (J)	0.00011 (J)	0.0001 (J)
9/26/2016				<0.0002	
9/27/2016	<0.0002	<0.0002	<0.0002		<0.0002
11/14/2016					<0.0002
11/15/2016	9.7E-05 (J)	0.00011 (J)	7.2E-05 (J)	<0.0002	
1/10/2017				<0.0002	<0.0002
1/11/2017		<0.0002	<0.0002		
1/12/2017	<0.0002				
2/28/2017	0.00015 (J)	7.5E-05 (J)		0.00014 (J)	0.00016 (J)
3/1/2017			<0.0002		
4/19/2017				<0.0002	<0.0002
4/20/2017	<0.0002	<0.0002	<0.0002		
7/11/2018	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002

Time Series

Constituent: Mercury (mg/L) Analysis Run 4/27/2021 11:42 AM View: Constituents View

Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-1	GWC-10	GWC-11	GWC-12	GWC-15[*GWB-1...
4/20/2016	<0.0002		<0.0002	<0.0002	
4/21/2016		<0.0002			<0.0002
6/15/2016	<0.0002		<0.0002	<0.0002	<0.0002
6/16/2016		<0.0002			
8/9/2016					0.00011 (J)
8/10/2016	<0.0002	0.00011 (J)	0.00012 (J)	0.00011 (J)	
9/27/2016	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
11/15/2016	8.4E-05 (J)	0.0001 (J)	9.3E-05 (J)	0.00014 (J)	9.3E-05 (J)
1/11/2017					<0.0002
1/12/2017	<0.0002	<0.0002	<0.0002	<0.0002	
1/23/2017	<0.0002				
2/28/2017					0.00016 (J)
3/1/2017	<0.0002	<0.0002	<0.0002	<0.0002	
4/20/2017	<0.0002			<0.0002	<0.0002
4/24/2017		<0.0002	<0.0002		
7/11/2018					<0.0002
7/12/2018	<0.0002	<0.0002	<0.0002	<0.0002	

Time Series

Constituent: Mercury (mg/L) Analysis Run 4/27/2021 11:42 AM View: Constituents View

Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-17 (bg)	GWC-18 (bg)	GWC-19	GWC-20	GWC-21
4/19/2016		<0.0002	<0.0002		
4/20/2016	<0.0002				
4/21/2016				<0.0002	<0.0002
6/15/2016	<0.0002				
6/16/2016		<0.0002	<0.0002	<0.0002	<0.0002
8/9/2016	0.00011 (J)				
8/10/2016			0.00011 (J)	0.00011 (J)	0.00011 (J)
8/11/2016		<0.0002			
9/27/2016	<0.0002			<0.0002	<0.0002
9/28/2016		<0.0002	<0.0002		
11/15/2016	<0.0002		7.8E-05 (J)	7.3E-05 (J)	0.00018 (J)
11/16/2016		<0.0002			
1/11/2017	<0.0002	<0.0002			
1/12/2017					<0.0002
1/13/2017				<0.0002	
1/16/2017			<0.0002		
3/1/2017	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
4/20/2017	<0.0002				
4/24/2017					<0.0002
4/25/2017		<0.0002	<0.0002	<0.0002	
7/11/2018	<0.0002	<0.0002	<0.0002	<0.0002	0.00077

Time Series

Constituent: Mercury (mg/L) Analysis Run 4/27/2021 11:42 AM View: Constituents View

Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-23	GWC-4A[*GWB-4...GWC-5[*GWB-5]...	GWC-9
4/19/2016			<0.0002
4/20/2016		<0.0002	<0.0002
6/14/2016		<0.0002	
6/15/2016			<0.0002
6/16/2016	<0.0002		
8/9/2016		0.0001 (J)	
8/10/2016	0.00013 (J)		0.00011 (J)
8/11/2016		<0.0002	
9/27/2016		<0.0002	<0.0002
9/28/2016	<0.0002		
11/14/2016		<0.0002	
11/15/2016		<0.0002	0.00013 (J)
11/16/2016	<0.0002		
1/10/2017		<0.0002	
1/11/2017		<0.0002	
1/13/2017			<0.0002
1/17/2017	<0.0002		
1/19/2017		<0.0002	
1/24/2017		<0.0002	
2/28/2017		0.00014 (J)	0.00012 (J)
3/1/2017			<0.0002
3/2/2017	<0.0002		
4/20/2017		<0.0002	<0.0002
4/24/2017			<0.0002
4/25/2017	<0.0002		
7/13/2017	<0.0002		
7/11/2018		<0.0002	<0.0002
7/12/2018	<0.0002		<0.0002

Time Series

Constituent: Nickel (mg/L) Analysis Run 4/27/2021 11:42 AM View: Constituents View

Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWA-13 (bg)	GWA-14 (bg)	GWA-16[*GWB-1...	GWA-2 (bg)	GWA-3 (bg)
8/25/2004				<0.001	<0.001
9/11/2004				<0.001	0.03 (O)
9/26/2004				<0.001	<0.001
10/13/2004				<0.001	<0.001
7/11/2005				<0.001	<0.001
12/7/2005				<0.001	<0.001
6/22/2006				<0.001	<0.001
11/28/2006				<0.001	<0.001
7/6/2007				<0.001	<0.001
12/13/2007				<0.001	<0.001
6/20/2008				<0.001	<0.001
12/7/2008				<0.001	<0.001
7/9/2009				0.0043	<0.001
12/28/2009				<0.001	<0.001
6/22/2010				<0.001	<0.001
1/4/2011				<0.001	
1/5/2011					0.025 (O)
7/9/2011				<0.001	<0.001
1/20/2012					<0.001
1/21/2012				<0.001	
7/11/2012				<0.001	<0.001
1/19/2013					<0.001
1/20/2013				<0.001	
7/18/2013					<0.001
7/19/2013				<0.001	
1/15/2014				0.0016 (J)	<0.001
7/11/2014				<0.001	<0.001
1/15/2015					<0.001
1/16/2015				<0.001	
6/19/2015					<0.001
6/20/2015				<0.001	
12/7/2015	<0.001	<0.001	<0.001		
12/14/2015			<0.001		
12/15/2015	<0.001	<0.001			
12/28/2015			<0.001		
12/29/2015	<0.001	<0.001			
1/13/2016	<0.001	<0.001	<0.001		
1/16/2016				<0.001	<0.001
1/25/2016	<0.001	<0.001	<0.001		
6/14/2016	<0.001	0.00052 (J)		0.0006 (J)	<0.001
6/15/2016			<0.001		
1/10/2017				<0.001	<0.001
1/11/2017		<0.001	<0.001		
1/12/2017	<0.001				
7/17/2017				<0.001	
7/18/2017	<0.001				<0.001
7/19/2017		<0.001	<0.001		
1/10/2018	<0.001			0.0026	<0.001
1/11/2018		<0.001	<0.001		
7/11/2018	<0.001	<0.001	<0.001	<0.001	<0.001
1/29/2019	0.00033 (J)	0.0004 (J)	0.0004 (J)	0.00063 (J)	0.00034 (J)
3/26/2019	<0.001	<0.001	<0.001		

Time Series

Constituent: Nickel (mg/L) Analysis Run 4/27/2021 11:42 AM View: Constituents View
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWA-13 (bg)	GWA-14 (bg)	GWA-16[*GWB-1...	GWA-2 (bg)	GWA-3 (bg)
3/27/2019				<0.001	<0.001
9/10/2019	0.0004 (J)	0.00056 (J)	0.00036 (J)		
9/11/2019				0.00091 (J)	0.00045 (J)
3/31/2020	<0.001				
4/1/2020		0.00043 (J)	<0.001	0.00077 (J)	<0.001
9/15/2020	0.00037 (J)	0.00075 (J)	0.00045 (J)	0.00094 (J)	0.00038 (J)
3/16/2021	<0.001	0.00045 (J)	0.00043 (J)	0.00072 (J)	<0.001

Time Series

Constituent: Nickel (mg/L) Analysis Run 4/27/2021 11:42 AM View: Constituents View

Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-1	GWC-10	GWC-11	GWC-12	GWC-15[*GWB-1...
8/25/2004	<0.001	<0.001	<0.001	<0.001	
9/11/2004	<0.001	<0.001	<0.001	<0.001	
9/26/2004	<0.001	<0.001	<0.001	<0.001	
10/13/2004		<0.001	<0.001	<0.001	
7/11/2005	<0.001	<0.001	<0.001	<0.001	
12/7/2005	<0.001	<0.001	<0.001	<0.001	
6/22/2006	<0.001	<0.001	<0.001	<0.001	
11/28/2006	<0.001	<0.001	<0.001	<0.001	
7/6/2007	<0.001	<0.001	<0.001	<0.001	
12/13/2007	<0.001	<0.001	<0.001	<0.001	
6/20/2008	<0.001	<0.001	<0.001	<0.001	
12/7/2008	<0.001	<0.001	<0.001	<0.001	
7/9/2009	<0.001				
7/10/2009		<0.001	<0.001	<0.001	
12/28/2009	<0.001			<0.001	
12/29/2009		<0.001	<0.001		
6/22/2010	<0.001	<0.001	<0.001	<0.001	
1/4/2011	<0.001	<0.001		<0.001	
1/5/2011			<0.001		
7/9/2011	<0.001		<0.001	<0.001	
7/10/2011		<0.001			
1/20/2012				<0.001	
1/21/2012	<0.001	<0.001	<0.001		
7/11/2012	<0.001	<0.001	0.0049	0.0057	
1/19/2013			<0.001	<0.001	
1/20/2013	<0.001	<0.001			
7/18/2013				<0.001	
7/19/2013	<0.001	<0.001	<0.001		
1/15/2014	0.0013 (J)		<0.001	0.0043	
1/16/2014		<0.001			
7/10/2014		<0.001			
7/11/2014	0.0013 (J)		0.0029	0.0026	
1/15/2015				<0.001	
1/16/2015	<0.001	<0.001	0.0014 (J)		
6/19/2015				<0.001	
6/20/2015	0.0016 (J)	0.0013 (J)	<0.001		
12/7/2015					<0.001
12/15/2015					<0.001
12/28/2015					<0.001
1/13/2016					<0.001
1/14/2016			<0.001		
1/16/2016	<0.001	<0.001		<0.001	
1/25/2016					<0.001
6/15/2016	0.00088 (J)		0.00085 (J)	0.00068 (J)	<0.001
6/16/2016		<0.001			
1/11/2017					<0.001
1/12/2017	<0.001	<0.001	<0.001	<0.001	
7/19/2017	<0.001				<0.001
7/20/2017				<0.001	
7/24/2017		<0.001	<0.001		
1/11/2018	<0.001	<0.001	<0.001	<0.001	<0.001
7/11/2018					<0.001

Time Series

Constituent: Nickel (mg/L) Analysis Run 4/27/2021 11:42 AM View: Constituents View
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-1	GWC-10	GWC-11	GWC-12	GWC-15[*GWB-1...
7/12/2018	<0.001	<0.001	<0.001	<0.001	
1/29/2019					0.00046 (J)
1/30/2019	<0.001	<0.001	<0.001	<0.001	
3/26/2019					<0.001
3/27/2019	<0.001	<0.001	<0.001	<0.001	
9/11/2019	0.0013	<0.001	0.00042 (J)	0.001	0.00042 (J)
4/1/2020	0.00099 (J)	<0.001		0.0008 (J)	<0.001
4/2/2020			0.0009 (J)		
9/15/2020	0.0012	0.0013	0.00063 (J)		0.00047 (J)
9/16/2020				0.00088 (J)	
3/16/2021	0.0012	0.00043 (J)		0.00093 (J)	
3/17/2021			0.00077 (J)		0.00047 (J)

Time Series

Constituent: Nickel (mg/L) Analysis Run 4/27/2021 11:42 AM View: Constituents View

Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-17 (bg)	GWC-18 (bg)	GWC-19	GWC-20	GWC-21
12/8/2015	0.0036	<0.001	0.0022 (J)		
12/9/2015				0.0042	<0.001
12/14/2015	0.0035	0.0019 (J)		0.0067	<0.001
12/15/2015			0.0019 (J)		
12/28/2015	0.0032	0.0018 (J)	0.0017 (J)		
12/29/2015				0.0067	<0.001
1/13/2016	0.0029				
1/14/2016		0.0017 (J)	0.0029	0.0039	<0.001
1/25/2016				0.0049	<0.001
1/26/2016	0.0027	0.0019 (J)	0.0014 (J)		
6/15/2016	0.0018 (J)				
6/16/2016		0.0014 (J)	0.0013 (J)	0.003 (J)	0.0012 (J)
1/11/2017	0.002 (J)	<0.001			
1/12/2017					<0.001
1/13/2017				<0.001	
1/16/2017			0.0018 (J)		
7/19/2017	0.002 (J)				
7/25/2017		<0.001	0.002 (J)	<0.001	<0.001
1/11/2018	0.0019 (J)				<0.001
1/12/2018		<0.001	0.002 (J)	<0.001	
7/11/2018	<0.001	<0.001	0.0018 (J)	<0.001	<0.001
1/29/2019	0.0016 (J)		0.0017 (J)	0.00093 (J)	
1/30/2019		<0.001			<0.001
3/27/2019	0.0018	<0.001	<0.001	<0.001	<0.001
9/11/2019	0.0018	0.0012	0.0018	0.0014	0.00097 (J)
4/1/2020	0.0016	0.00095	0.0014	0.001	0.00067 (J)
9/15/2020	0.0016	0.00092 (J)		0.0011	0.0007 (J)
9/16/2020			0.0012		
3/16/2021	0.0015		0.0012	0.00093 (J)	
3/17/2021		0.0011			0.00068 (J)

Time Series

Constituent: Nickel (mg/L) Analysis Run 4/27/2021 11:42 AM View: Constituents View

Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-23	GWC-4A[*GWB-4...GWC-5[*GWB-5]...	GWC-9
8/25/2004		<0.001	<0.001
9/11/2004		<0.001	<0.001
9/26/2004		<0.001	<0.001
10/13/2004		<0.001	<0.001
7/11/2005		<0.001	<0.001
12/7/2005		<0.001	<0.001
6/22/2006		<0.001	<0.001
11/28/2006		<0.001	<0.001
7/6/2007		<0.001	<0.001
12/13/2007		<0.001	<0.001
6/20/2008		<0.001	0.003
12/7/2008		<0.001	<0.001
7/9/2009		<0.001	<0.001
12/29/2009		<0.001	<0.001
12/30/2009		0.0048	
6/22/2010		<0.001	<0.001
1/4/2011		<0.001	
1/5/2011			<0.001
7/9/2011		<0.001	<0.001
7/10/2011		<0.001	
1/21/2012		0.0026	<0.001
7/11/2012		0.0072	0.0033
1/19/2013			0.0026
1/20/2013		0.0025	
7/18/2013		<0.001	<0.001
7/19/2013		<0.001	
1/15/2014		<0.001	<0.001
1/16/2014		0.0031	
7/10/2014		<0.001	<0.001
1/15/2015		<0.001	
1/16/2015		0.0024 (J)	<0.001
6/19/2015		<0.001	
6/20/2015		<0.001	<0.001
1/14/2016		<0.001	<0.001
6/14/2016		0.0013 (J)	0.00054 (J)
6/15/2016			<0.001
6/16/2016	0.0009 (J)		
1/10/2017		<0.001	
1/11/2017		<0.001	
1/13/2017			<0.001
1/17/2017	<0.001		
7/18/2017		<0.001	<0.001
7/24/2017			<0.001
7/25/2017	0.002 (J)		
1/10/2018		<0.001	<0.001
1/12/2018	0.0023 (J)		<0.001
7/11/2018		0.003	<0.001
7/12/2018	0.0026		<0.001
1/29/2019		0.0021 (J)	<0.001
1/30/2019	<0.001		<0.001
3/26/2019		0.0021	<0.001
3/27/2019	0.0018		<0.001

Time Series

Constituent: Nickel (mg/L) Analysis Run 4/27/2021 11:42 AM View: Constituents View
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-23	GWC-4A[*GWB-4...GWC-5[*GWB-5]...	GWC-9
9/10/2019		0.002	0.00043 (J)
9/11/2019	0.0023		0.00065 (J)
3/31/2020		0.0028	<0.001
4/1/2020	0.0013		<0.001
9/15/2020	0.0013		0.00056 (J)
9/16/2020		0.00096 (J)	0.00075 (J)
3/17/2021	0.0014	0.00083 (J)	0.00041 (J) 0.0006 (J)

Time Series

Constituent: pH (S.U.) Analysis Run 4/27/2021 11:42 AM View: Constituents View

Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWA-13 (bg)	GWA-14 (bg)	GWA-16[*GWB-1...	GWA-2 (bg)	GWA-3 (bg)
6/19/2015					5.23
6/20/2015				4.69	
12/14/2015			5.26		
12/15/2015	5.13	5.24			
4/19/2016				4.99	4.92
4/20/2016	5.16	5.41	5.16		
6/14/2016				4.98	4.89
6/15/2016	5.35	5.74	5.04		
8/9/2016	4.89	5.41	5.07	4.72	4.92
9/26/2016				4.74	
9/27/2016	5.02	5.42	5.11		5.25
11/14/2016					4.96
11/15/2016	5.04	5.33	5.11	4.8	
1/10/2017				4.59	4.21
1/11/2017		5.32	5.07		
1/12/2017	5.19				
2/28/2017	4.86	5.32		4.91	4.95
3/1/2017			5.14		
4/19/2017				4.98	5.12
4/20/2017	5.01	5.31	5.05		
7/17/2017				4.61	
7/18/2017	4.88				4.89
7/19/2017		5.19	4.95		
10/17/2017	4.93	5.27	5.17	4.93	4.96
1/10/2018	4.9			4.78	4.93
1/11/2018		5.19	4.97		
7/11/2018	4.99 (D)	5.25 (D)	5.07	4.75 (D)	4.87 (D)
1/29/2019	4.82	5.25	4.83	4.91	4.98
3/26/2019	5.07	5.29	4.95		
3/27/2019				4.69	4.8
9/10/2019	5	5.18	5.12		
9/11/2019				4.77	5.03
3/31/2020	5.1				
4/1/2020		5.26	4.95	4.77	4.92
9/15/2020	5.07	5.83	5.02	4.52	4.72
3/16/2021	4.47	4.76	4.68	4.76	4.91

Time Series

Constituent: pH (S.U.) Analysis Run 4/27/2021 11:42 AM View: Constituents View
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-1	GWC-10	GWC-11	GWC-12	GWC-15[*GWB-1...
6/19/2015				5.05	
6/20/2015	4.87	6.28	6.13		
12/15/2015					5.2
4/20/2016	5.43		6.28	5.17	
4/21/2016		6.21			5.18
6/15/2016	5.28		6.55	5.12	5.47
6/16/2016		6.27			
8/9/2016					5.01
8/10/2016	5.15	6.12	6.22	5.12	
9/27/2016	5.19	6.29	6.33	5.19	5.22
11/15/2016	5.2	6.12	6.28	5.14	5.07
1/11/2017					5
1/12/2017	5.27	6.23	6.26	5.13	
2/28/2017					5.1
3/1/2017	5.31	6.15	6.41	5.05	
4/20/2017	5.29			5.15	5.12
4/24/2017		6.8	6.26		
7/19/2017	5.03				4.84
7/20/2017				5.04	
7/24/2017		6.19	6.27		
10/17/2017	5.25	6.11	6.35	5.03	4.95
1/11/2018	5.02	6.32	6.15	5.13	5.01
7/11/2018					5.01
7/12/2018	5.04 (D)	6.7 (D)	6.63 (D)	5.09 (D)	
1/29/2019					5.18
1/30/2019	5.21	6.2	6.09	5.01	
3/26/2019					5.04
3/27/2019	5.15	6.54	6.32	4.93	
9/11/2019	4.8	6.63	6.37	5.04	5.28
4/1/2020	5	6.52		5.05	5.35
4/2/2020			6.38		
9/15/2020	4.76	6.66	6.62		4.92
9/16/2020				4.91	
3/16/2021	4.89	6.48		4.97	
3/17/2021			6.58		5.41

Time Series

Constituent: pH (S.U.) Analysis Run 4/27/2021 11:42 AM View: Constituents View

Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-17 (bg)	GWC-18 (bg)	GWC-19	GWC-20	GWC-21
12/14/2015	5.19	7.1		5.24	5.84
12/15/2015			5.98		
4/19/2016		6.87	5.98		
4/20/2016	5.26				
4/21/2016				4.88	5.43
6/15/2016	5.12				
6/16/2016		6.84	5.85	4.85	5.23
8/9/2016	5.09				
8/10/2016			5.79	4.84	5.11
8/11/2016		6.42			
9/27/2016	5.32			5.32	5.06
9/28/2016		6.57	5.9		
11/15/2016	5.25		5.66	4.97	5.01
11/16/2016		6.51			
1/11/2017	5.23	6.43			
1/12/2017					4.99
1/13/2017				4.97	
1/16/2017			5.65		
3/1/2017	5.25	6.48	5.62		5
4/20/2017	5.36				
4/24/2017					5.8
4/25/2017		6.58	5.59	4.91	
7/19/2017	5.12				
7/25/2017		6.37	5.55	4.89	4.92
10/17/2017	5.23	6.53	5.68	4.97	4.89
1/11/2018	5.28				4.98
1/12/2018		6.47		4.97	
7/11/2018	5.23 (D)	6.18 (D)	5.6 (D)	4.89 (D)	4.96 (D)
1/29/2019	5.35		5.58	4.94	
1/30/2019		5.93			4.65
3/27/2019	5.25	6.11	5.59	4.94	4.96
9/11/2019	5.16	6.3	5.58	4.96	4.99
4/1/2020	5.3	6.15	5.67	5.03	5.04
9/15/2020	5.29	6.13		4.96	4.86
9/16/2020			5.43		
3/16/2021	4.83		5.45	4.78	
3/17/2021		5.99			4.8

Time Series

Constituent: pH (S.U.) Analysis Run 4/27/2021 11:42 AM View: Constituents View

Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-23	GWC-4A[*GWB-4...GWC-5[*GWB-5]...	GWC-9
6/19/2015		5.95	
6/20/2015		4.92	4.7
4/19/2016			4.98
4/20/2016		4.9	5.85
6/14/2016		4.9	5.53
6/15/2016			5.2
8/9/2016		5.44	
8/10/2016	6.34		4.78
8/11/2016		5.37	
9/27/2016		5.89	5.59
9/28/2016	6.29		4.91
11/14/2016		5.94	
11/15/2016			5.58
11/16/2016	6.18		4.81
1/10/2017		5.44	
1/11/2017			5.56
1/13/2017			5.28
1/17/2017	5.68		
2/28/2017		5.49	5.53
3/1/2017			4.81
3/2/2017	5.75		
4/20/2017		5.51	5.63
4/24/2017			4.99
4/25/2017	5.65		
7/13/2017	5.65		
7/18/2017		5.26	5.51
7/24/2017			4.82
7/25/2017	5.24		
10/17/2017	5.37	5.28	5.62
1/10/2018		5.05	5.59
1/12/2018	5.35		4.83
7/11/2018		4.53	5.49
7/12/2018	5.21 (D)		4.8 (D)
1/29/2019		4.66	5.39
1/30/2019	5.14		4.88
3/26/2019		4.72	5.45
3/27/2019	5.3		4.75
9/10/2019		4.72	5.71
9/11/2019	5.24		4.8
3/31/2020		5.06	5.45
4/1/2020	5.23		4.93
9/15/2020	5.18		5.27
9/16/2020		4.87	4.74
3/17/2021	4.97	4.9	4.8
			4.69

Time Series

Constituent: Silver (mg/L) Analysis Run 4/27/2021 11:42 AM View: Constituents View

Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWA-13 (bg)	GWA-14 (bg)	GWA-16[*GWB-1...	GWA-2 (bg)	GWA-3 (bg)
8/25/2004				<0.001	<0.001
9/11/2004				<0.001	<0.001
9/26/2004				<0.001	<0.001
10/13/2004				<0.001	<0.001
7/11/2005				<0.001	<0.001
12/7/2005				<0.001	<0.001
6/22/2006				<0.001	<0.001
11/28/2006				<0.001	<0.001
7/6/2007				<0.001	<0.001
12/13/2007				<0.001	<0.001
6/20/2008				<0.001	<0.001
12/7/2008				<0.001	<0.001
7/9/2009				<0.001	<0.001
12/28/2009				<0.001	<0.001
6/22/2010				<0.001	<0.001
1/4/2011				<0.001	
1/5/2011					<0.001
7/9/2011				<0.001	<0.001
1/20/2012					<0.001
1/21/2012				<0.001	
7/11/2012				<0.001	<0.001
1/19/2013					<0.001
1/20/2013				<0.001	
7/18/2013					<0.001
7/19/2013				<0.001	
1/15/2014				<0.001	<0.001
7/11/2014				<0.001	<0.001
1/15/2015					<0.001
1/16/2015				<0.001	
6/19/2015					<0.001
6/20/2015				<0.001	
12/7/2015	<0.001	<0.001	<0.001		
12/14/2015			<0.001		
12/15/2015	<0.001	<0.001			
12/28/2015			<0.001		
12/29/2015	<0.001	<0.001			
1/13/2016	<0.001	<0.001	<0.001		
1/16/2016				<0.001	<0.001
1/25/2016	<0.001	<0.001	<0.001		
6/14/2016	<0.001	<0.001		<0.001	<0.001
6/15/2016			<0.001		
1/10/2017				<0.001	<0.001
1/11/2017		<0.001	<0.001		
1/12/2017	<0.001				
7/17/2017				<0.001	
7/18/2017	<0.001				<0.001
7/19/2017		<0.001	<0.001		
1/10/2018	<0.001			<0.001	<0.001
1/11/2018		<0.001	<0.001		
7/11/2018	<0.001	<0.001	<0.001	<0.001	<0.001
1/29/2019	<0.001	<0.001	<0.001	<0.001	<0.001
3/26/2019	<0.001	<0.001	<0.001		

Time Series

Constituent: Silver (mg/L) Analysis Run 4/27/2021 11:42 AM View: Constituents View
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWA-13 (bg)	GWA-14 (bg)	GWA-16[*GWB-1...	GWA-2 (bg)	GWA-3 (bg)
3/27/2019				<0.001	<0.001
9/10/2019	<0.001	<0.001	<0.001		
9/11/2019				<0.001	<0.001
3/31/2020	<0.001				
4/1/2020		<0.001	<0.001	<0.001	<0.001
9/15/2020	<0.001	<0.001	<0.001	<0.001	<0.001
3/16/2021	<0.001	<0.001	<0.001	<0.001	<0.001

Time Series

Constituent: Silver (mg/L) Analysis Run 4/27/2021 11:42 AM View: Constituents View

Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-1	GWC-10	GWC-11	GWC-12	GWC-15[*GWB-1...
8/25/2004	<0.001	<0.001	<0.001	<0.001	
9/11/2004	<0.001	<0.001	<0.001	<0.001	
9/26/2004	<0.001	<0.001	<0.001	<0.001	
10/13/2004		<0.001	<0.001	<0.001	
7/11/2005	<0.001	<0.001	<0.001	<0.001	
12/7/2005	<0.001	<0.001	<0.001	<0.001	
6/22/2006	<0.001	<0.001	<0.001	<0.001	
11/28/2006	<0.001	<0.001	<0.001	<0.001	
7/6/2007	<0.001	<0.001	<0.001	<0.001	
12/13/2007	<0.001	<0.001	<0.001	<0.001	
6/20/2008	<0.001	<0.001	<0.001	<0.001	
12/7/2008	<0.001	<0.001	<0.001	<0.001	
7/9/2009	<0.001				
7/10/2009		<0.001	<0.001	<0.001	
12/28/2009	<0.001			<0.001	
12/29/2009		<0.001	<0.001		
6/22/2010	<0.001	<0.001	<0.001	<0.001	
1/4/2011	<0.001	<0.001		<0.001	
1/5/2011			<0.001		
7/9/2011	<0.001		<0.001	<0.001	
7/10/2011		<0.001			
1/20/2012				<0.001	
1/21/2012	<0.001	<0.001	<0.001		
7/11/2012	<0.001	<0.001	<0.001	<0.001	
1/19/2013			<0.001	<0.001	
1/20/2013	<0.001	<0.001			
7/18/2013				<0.001	
7/19/2013	<0.001	<0.001	<0.001		
1/15/2014	<0.001		<0.001	<0.001	
1/16/2014		<0.001			
7/10/2014		<0.001			
7/11/2014	<0.001		0.00061 (J)	<0.001	
1/15/2015				<0.001	
1/16/2015	<0.001	<0.001	<0.001		
6/19/2015				<0.001	
6/20/2015	<0.001	<0.001	<0.001		
12/7/2015					<0.001
12/15/2015					<0.001
12/28/2015					<0.001
1/13/2016					<0.001
1/14/2016			<0.001		
1/16/2016	<0.001	<0.001		<0.001	
1/25/2016					<0.001
6/15/2016	<0.001		<0.001	<0.001	<0.001
6/16/2016		<0.001			
1/11/2017					<0.001
1/12/2017	<0.001	<0.001	<0.001	<0.001	
7/19/2017	<0.001				<0.001
7/20/2017				<0.001	
7/24/2017		<0.001	<0.001		
1/11/2018	<0.001	<0.001	<0.001	<0.001	<0.001
7/11/2018					<0.001

Time Series

Constituent: Silver (mg/L) Analysis Run 4/27/2021 11:42 AM View: Constituents View
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-1	GWC-10	GWC-11	GWC-12	GWC-15[*GWB-1...
7/12/2018	<0.001	<0.001	<0.001	<0.001	
1/29/2019					<0.001
1/30/2019	<0.001	<0.001	<0.001	<0.001	
3/26/2019					<0.001
3/27/2019	<0.001	<0.001	<0.001	<0.001	
9/11/2019	<0.001	<0.001	<0.001	<0.001	<0.001
4/1/2020	<0.001	<0.001		<0.001	<0.001
4/2/2020			<0.001		
9/15/2020	<0.001	<0.001	<0.001		<0.001
9/16/2020				<0.001	
3/16/2021	<0.001	<0.001		<0.001	
3/17/2021			<0.001		<0.001

Time Series

Constituent: Silver (mg/L) Analysis Run 4/27/2021 11:42 AM View: Constituents View

Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-17 (bg)	GWC-18 (bg)	GWC-19	GWC-20	GWC-21
12/8/2015	<0.001	<0.001	<0.001		
12/9/2015				<0.001	<0.001
12/14/2015	<0.001	<0.001		<0.001	<0.001
12/15/2015			<0.001		
12/28/2015	<0.001	<0.001	<0.001		
12/29/2015				<0.001	<0.001
1/13/2016	<0.001				
1/14/2016		<0.001	<0.001	<0.001	<0.001
1/25/2016				<0.001	<0.001
1/26/2016	<0.001	<0.001	<0.001		
6/15/2016	<0.001				
6/16/2016		<0.001	<0.001	<0.001	<0.001
1/11/2017	<0.001	<0.001			
1/12/2017					<0.001
1/13/2017				<0.001	
1/16/2017			<0.001		
7/19/2017	<0.001				
7/25/2017		<0.001	<0.001	<0.001	<0.001
1/11/2018	<0.001				<0.001
1/12/2018		<0.001	<0.001	<0.001	
7/11/2018	<0.001	<0.001	<0.001	<0.001	<0.001
1/29/2019	<0.001		<0.001	<0.001	
1/30/2019		<0.001			<0.001
3/27/2019	<0.001	<0.001	<0.001	<0.001	<0.001
9/11/2019	<0.001	<0.001	<0.001	<0.001	<0.001
4/1/2020	<0.001	<0.001	<0.001	<0.001	<0.001
9/15/2020	<0.001	<0.001		<0.001	<0.001
9/16/2020			<0.001		
3/16/2021	<0.001		<0.001	<0.001	
3/17/2021		<0.001			<0.001

Time Series

Constituent: Silver (mg/L) Analysis Run 4/27/2021 11:42 AM View: Constituents View

Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-23	GWC-4A[*GWB-4...GWC-5[*GWB-5]...	GWC-9
8/25/2004		<0.001	<0.001
9/11/2004		<0.001	<0.001
9/26/2004		<0.001	<0.001
10/13/2004		<0.001	<0.001
7/11/2005		<0.001	<0.001
12/7/2005		<0.001	<0.001
6/22/2006		<0.001	<0.001
11/28/2006		<0.001	<0.001
7/6/2007		<0.001	<0.001
12/13/2007		<0.001	<0.001
6/20/2008		<0.001	<0.001
12/7/2008		<0.001	<0.001
7/9/2009		<0.001	<0.001
12/29/2009		<0.001	<0.001
12/30/2009		<0.001	
6/22/2010		<0.001	<0.001
1/4/2011		<0.001	
1/5/2011			<0.001
7/9/2011		<0.001	<0.001
7/10/2011		<0.001	
1/21/2012		<0.001	<0.001
7/11/2012		<0.001	<0.001
1/19/2013		<0.001	<0.001
1/20/2013		<0.001	
7/18/2013		<0.001	<0.001
7/19/2013		<0.001	
1/15/2014		<0.001	<0.001
1/16/2014		<0.001	
7/10/2014		<0.001	<0.001
1/15/2015		<0.001	
1/16/2015		<0.001	<0.001
6/19/2015		<0.001	
6/20/2015		<0.001	<0.001
1/14/2016		<0.001	<0.001
6/14/2016		<0.001	
6/15/2016			<0.001
6/16/2016	<0.001		
1/10/2017		<0.001	
1/11/2017		<0.001	
1/13/2017			<0.001
1/17/2017	<0.001		
7/18/2017		<0.001	
7/24/2017			<0.001
7/25/2017	<0.001		
1/10/2018		<0.001	<0.001
1/12/2018	<0.001		<0.001
7/11/2018		<0.001	<0.001
7/12/2018	<0.001		<0.001
1/29/2019		<0.001	<0.001
1/30/2019	<0.001		<0.001
3/26/2019		<0.001	<0.001
3/27/2019	<0.001		<0.001

Time Series

Constituent: Silver (mg/L) Analysis Run 4/27/2021 11:42 AM View: Constituents View
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-23	GWC-4A[*GWB-4...	GWC-5[*GWB-5]...	GWC-9
9/10/2019		<0.001	<0.001	
9/11/2019	<0.001			<0.001
3/31/2020		<0.001	<0.001	
4/1/2020	<0.001			<0.001
9/15/2020	<0.001		<0.001	
9/16/2020		<0.001		<0.001
3/17/2021	<0.001	<0.001	<0.001	<0.001

Time Series

Constituent: Sulfate (mg/L) Analysis Run 4/27/2021 11:42 AM View: Constituents View

Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWA-13 (bg)	GWA-14 (bg)	GWA-16[*GWB-1...	GWA-2 (bg)	GWA-3 (bg)
4/19/2016				1.27	1.03
4/20/2016	0.496 (J)	5.85	0.53 (J)		
6/14/2016	0.62 (J)	4.6		1.7	0.88 (J)
6/15/2016			0.67 (J)		
8/9/2016	<1	2.7	<1	<1	<1
9/26/2016				<1	
9/27/2016	<1	2	<1		0.9 (J)
11/14/2016					<1
11/15/2016	<1	1.5	<1	<1	
1/10/2017				0.83 (J)	1.2
1/11/2017		1.4	<1		
1/12/2017	<1				
2/28/2017	<1	1.1		0.99 (J)	1.1
3/1/2017			<1		
4/19/2017				0.97 (J)	<1
4/20/2017	<1	0.82 (J)	<1		
10/10/2017				<1	
10/11/2017	<1	<1	<1		<1
1/10/2018	<1			<1	1.1
1/11/2018		<1	<1		
7/11/2018	<1	<1	<1	<1	<1
1/29/2019	1.2	0.52 (J)	<1	0.64 (J)	<1
3/26/2019	0.63	0.92	0.9		
3/27/2019				<1	0.7
9/10/2019	0.93 (J)	0.83 (J)	0.83 (J)		
9/11/2019				0.76 (J)	1
3/31/2020	1.4				
4/1/2020		0.67 (J)	0.73 (J)	0.95 (J)	1.1
9/15/2020	0.38 (J)	1.1	0.44 (J)	<1	0.47 (J)
3/16/2021	<1	<1	<1	<1	<1

Time Series

Constituent: Sulfate (mg/L) Analysis Run 4/27/2021 11:42 AM View: Constituents View

Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-1	GWC-10	GWC-11	GWC-12	GWC-15[*GWB-1...
4/20/2016	1.79		4.37	0.601 (J)	
4/21/2016		1.93			0.503 (J)
6/15/2016	2		5.7	0.8 (J)	0.62 (J)
6/16/2016		2.3			
8/9/2016					<1
8/10/2016	0.96 (J)	2.9	4.5	<1	
9/27/2016	0.75 (J)	3.2	4.4	<1	<1
11/15/2016	0.97 (J)	3.5	4.4	<1	<1
1/11/2017					<1
1/12/2017	1.7	4.2	4.6	<1	
2/28/2017					<1
3/1/2017	2	3.5	4.5	<1	
4/20/2017	1.3			<1	<1
4/24/2017		3.5	4		
10/11/2017	1.3		4.5		<1
10/12/2017		2.7		<1	
1/11/2018	1.6	2.6	3.5	<1	<1
7/11/2018					<1
7/12/2018	1.1	5	5.9	<1	
1/29/2019					0.43 (J)
1/30/2019	2.1	5	4.3	0.65 (J)	
3/26/2019					0.79
3/27/2019	1.6	4.3	5.4	0.67	
9/11/2019	1.3	5.2	3.8	1	1.2
4/1/2020	2	2.2		0.91 (J)	0.49 (J)
4/2/2020			3.4		
9/15/2020	1.6	3.6	5		0.44 (J)
9/16/2020				0.53 (J)	
3/16/2021	1.6	2.4		<1	
3/17/2021			5.6		<1

Time Series

Constituent: Sulfate (mg/L) Analysis Run 4/27/2021 11:42 AM View: Constituents View

Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-17 (bg)	GWC-18 (bg)	GWC-19	GWC-20	GWC-21
4/19/2016		4.84	2.21		
4/20/2016	2.93				
4/21/2016				5.25	1.99
6/15/2016	1.8				
6/16/2016		9 (O)	2.5	3.9	1.6
8/9/2016	1.6				
8/10/2016			2.7	2.8	1.1
8/11/2016		5			
9/27/2016	1.5			2.6	1.1
9/28/2016		5.1	2.5		
11/15/2016	1.3		2.2	1.9	1
11/16/2016		4.9			
1/11/2017	1.1	5.2			
1/12/2017					1.2
1/13/2017				1.8	
1/16/2017			2.1		
3/1/2017	1.3	4.6	1.9	1.7	1.2
4/20/2017	0.77 (J)				
4/24/2017					0.95 (J)
4/25/2017		4.6	1.6	1.3	
10/11/2017	<1				
10/12/2017		4	1.7	1.1	0.72 (J)
12/13/2017		4			
1/11/2018	<1				<1
1/12/2018		4.5	1.5	0.86 (J)	
7/11/2018	<1	5	1.4	0.9 (J)	<1
1/29/2019	<1		1.4	1.3	
1/30/2019		5.8			0.72 (J)
3/27/2019	<1	4.8	1.6	1.7	0.92
9/11/2019	0.85 (J)	4.5	1.8	0.97 (J)	0.94 (J)
4/1/2020	<1	4.1	2.1	1.6	0.81 (J)
9/15/2020	<1	2.7		0.67 (J)	0.56 (J)
9/16/2020			1.6		
3/16/2021	<1		1.9	0.98 (J)	
3/17/2021		3.5			<1

Time Series

Constituent: Sulfate (mg/L) Analysis Run 4/27/2021 11:42 AM View: Constituents View

Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-23	GWC-4A[*GWB-4...GWC-5[*GWB-5]...	GWC-9
4/19/2016			3.84
4/20/2016		7.31	0.367 (J)
6/14/2016		8.6	0.48 (J)
6/15/2016			3.8
6/16/2016	9.2 (o)		
8/9/2016		<1	
8/10/2016	3.1		1.6
8/11/2016		3.7	
9/27/2016		4.6	<1
9/28/2016	3.1		0.91 (J)
11/14/2016		7.4	
11/15/2016		<1	<1
11/16/2016	3.2		
1/10/2017		4.7	
1/11/2017		<1	
1/13/2017			<1
1/17/2017	2.6		
2/28/2017		4.1	<1
3/1/2017			1.5
3/2/2017	3.3		
4/20/2017		5.9	<1
4/24/2017			1.2
4/25/2017	2.4		
7/13/2017	2.1		
10/10/2017		7.3	
10/11/2017		<1	
10/12/2017	2.1		2.3
1/10/2018		7.6	<1
1/12/2018	1.9		<1
7/11/2018		14	<1
7/12/2018	2		<1
1/29/2019		8.7	<1
1/30/2019	2.4		0.58 (J)
3/26/2019		11	0.68
3/27/2019	2.8		1.2
9/10/2019		9.8	0.77 (J)
9/11/2019	2.5		0.92 (J)
3/31/2020		6.2	0.76 (J)
4/1/2020	2		4.1
9/15/2020	1.9		<1
9/16/2020		4.1	<1
3/17/2021	1.8	3.5	<1

Time Series

Constituent: Thallium (mg/L) Analysis Run 4/27/2021 11:42 AM View: Constituents View

Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWA-13 (bg)	GWA-14 (bg)	GWA-16[*]GWB-1...	GWA-2 (bg)	GWA-3 (bg)
8/25/2004				<0.001	<0.001
9/11/2004				<0.001	<0.001
9/26/2004				<0.001	<0.001
10/13/2004				<0.001	<0.001
7/11/2005				<0.001	<0.001
12/7/2005				<0.001	<0.001
6/22/2006				<0.001	<0.001
11/28/2006				<0.001	<0.001
7/6/2007				<0.001	<0.001
12/13/2007				<0.001	<0.001
6/20/2008				<0.001	<0.001
12/7/2008				<0.001	<0.001
7/9/2009				<0.001	<0.001
12/28/2009				<0.001	<0.001
6/22/2010				<0.001	<0.001
1/4/2011				<0.001	<0.001
7/9/2011				<0.001	<0.001
1/20/2012					<0.001
1/21/2012				<0.001	
7/11/2012				<0.001	<0.001
1/19/2013					<0.001
1/20/2013				<0.001	
7/18/2013					<0.001
7/19/2013				<0.001	
1/15/2014				<0.001	<0.001
6/19/2015					<0.001
6/20/2015				<0.001	
12/7/2015	<0.001	<0.001	<0.001		
12/14/2015			<0.001		
12/15/2015	<0.001	<0.001			
12/28/2015			<0.001		
12/29/2015	0.0001 (J)	<0.001			
1/13/2016	6E-05 (J)	7.9E-05 (J)	<0.001		
1/16/2016				<0.001	<0.001
1/25/2016	<0.001	<0.001	<0.001		
4/19/2016				<0.001	<0.001
4/20/2016	<0.001	<0.001	<0.001		
6/14/2016	<0.001	<0.001		<0.001	<0.001
6/15/2016			<0.001		
8/9/2016	<0.001	<0.001	<0.001	<0.001	<0.001
9/26/2016				<0.001	
9/27/2016	<0.001	<0.001	<0.001		<0.001
11/14/2016					<0.001
11/15/2016	<0.001	<0.001	<0.001	<0.001	
1/10/2017				<0.001	<0.001
1/11/2017		<0.001	<0.001		
1/12/2017	<0.001				
2/28/2017	<0.001	<0.001		<0.001	<0.001
3/1/2017			<0.001		
4/19/2017				<0.001	<0.001
4/20/2017	<0.001	<0.001	<0.001		
7/17/2017				<0.001	

Time Series

Constituent: Thallium (mg/L) Analysis Run 4/27/2021 11:42 AM View: Constituents View
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWA-13 (bg)	GWA-14 (bg)	GWA-16[*]GWB-1...	GWA-2 (bg)	GWA-3 (bg)
7/18/2017	<0.001				<0.001
7/19/2017		<0.001	<0.001		
1/10/2018	<0.001			<0.001	<0.001
1/11/2018		<0.001	<0.001		
7/11/2018	<0.001	<0.001	<0.001	<0.001	<0.001
1/29/2019	<0.001	<0.001	<0.001	<0.001	<0.001
3/26/2019	<0.001	<0.001	<0.001		
3/27/2019				<0.001	<0.001
9/10/2019	0.00057 (J)	0.00021 (J)	0.0002 (J)		
9/11/2019				<0.001	<0.001
3/31/2020	<0.001				
4/1/2020		0.00018 (J)	<0.001	0.00017 (J)	<0.001
9/15/2020	<0.001	<0.001	<0.001	0.00029 (J)	0.00017 (J)
3/16/2021	<0.001	<0.001	<0.001	<0.001	<0.001

Time Series

Constituent: Thallium (mg/L) Analysis Run 4/27/2021 11:42 AM View: Constituents View

Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-1	GWC-10	GWC-11	GWC-12	GWC-15[*GWB-1...
8/25/2004	<0.001	<0.001	<0.001	<0.001	
9/11/2004	<0.001	<0.001	<0.001	<0.001	
9/26/2004	<0.001	<0.001	<0.001	<0.001	
10/13/2004	<0.001	<0.001	<0.001	<0.001	
7/11/2005	<0.001	<0.001	<0.001	<0.001	
12/7/2005	<0.001	<0.001	<0.001	<0.001	
6/22/2006	<0.001	<0.001	<0.001	<0.001	
11/28/2006	<0.001	<0.001	<0.001	<0.001	
7/6/2007	<0.001	<0.001	<0.001	<0.001	
12/13/2007	<0.001	<0.001	<0.001	<0.001	
6/20/2008	<0.001	<0.001	<0.001	<0.001	
12/7/2008	<0.001	<0.001	<0.001	<0.001	
7/9/2009	<0.001				
7/10/2009		<0.001	<0.001	<0.001	
12/28/2009	<0.001			<0.001	
12/29/2009		<0.001	<0.001		
6/22/2010	<0.001	<0.001	<0.001	<0.001	
1/4/2011	<0.001	<0.001		<0.001	
1/5/2011			<0.001		
7/9/2011	<0.001	<0.001	<0.001	<0.001	
1/20/2012				<0.001	
1/21/2012	<0.001	<0.001	<0.001		
7/11/2012	<0.001	<0.001	<0.001	<0.001	
1/19/2013			<0.001	<0.001	
1/20/2013	<0.001	<0.001			
7/18/2013		<0.001		<0.001	
7/19/2013	<0.001		<0.001		
1/15/2014	<0.001		<0.001	<0.001	
1/16/2014		<0.001			
6/19/2015				<0.001	
6/20/2015	<0.001	<0.001	<0.001		
12/7/2015					<0.001
12/15/2015					<0.001
12/28/2015					<0.001
1/13/2016					<0.001
1/14/2016			6.1E-05 (J)		
1/16/2016	<0.001	<0.001		<0.001	
1/25/2016					<0.001
4/20/2016	<0.001		<0.001	<0.001	
4/21/2016		<0.001			<0.001
6/15/2016	<0.001		<0.001	<0.001	<0.001
6/16/2016		<0.001			
8/9/2016					<0.001
8/10/2016	<0.001	<0.001	<0.001	<0.001	
9/27/2016	<0.001	<0.001	<0.001	<0.001	<0.001
11/15/2016	<0.001	<0.001	<0.001	<0.001	<0.001
1/11/2017					<0.001
1/12/2017	<0.001	<0.001	<0.001	<0.001	
1/23/2017	<0.001				
2/28/2017					<0.001
3/1/2017	<0.001	<0.001	<0.001	<0.001	
4/20/2017	<0.001			<0.001	<0.001

Time Series

Constituent: Thallium (mg/L) Analysis Run 4/27/2021 11:42 AM View: Constituents View
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-1	GWC-10	GWC-11	GWC-12	GWC-15[*GWB-1...
4/24/2017		<0.001	<0.001		
7/19/2017	<0.001				<0.001
7/20/2017				<0.001	
7/24/2017		<0.001	<0.001		
1/11/2018	<0.001	<0.001	<0.001	<0.001	<0.001
7/11/2018					<0.001
7/12/2018	<0.001	<0.001	<0.001	<0.001	
1/29/2019					<0.001
1/30/2019	<0.001	<0.001	<0.001	<0.001	
3/26/2019					<0.001
3/27/2019	<0.001	<0.001	<0.001	<0.001	
9/11/2019	<0.001	0.0002 (J)	<0.001	0.00017 (J)	<0.001
4/1/2020	<0.001	0.00031 (J)		<0.001	<0.001
4/2/2020			0.00028 (J)		
9/15/2020	<0.001	<0.001	<0.001		<0.001
9/16/2020				<0.001	
3/16/2021	<0.001	0.00037 (J)		0.00022 (J)	
3/17/2021			0.00047 (J)		<0.001

Time Series

Constituent: Thallium (mg/L) Analysis Run 4/27/2021 11:42 AM View: Constituents View

Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-17 (bg)	GWC-18 (bg)	GWC-19	GWC-20	GWC-21
12/8/2015	0.0001 (J)	0.0001 (J)	<0.001		
12/9/2015				0.0001 (J)	<0.001
12/14/2015	9E-05 (J)	0.0001 (J)		9E-05 (J)	<0.001
12/15/2015			<0.001		
12/28/2015	9E-05 (J)	0.0001 (J)	<0.001		
12/29/2015				0.0001 (J)	<0.001
1/13/2016	0.0001 (J)				
1/14/2016		0.000137 (J)	7.9E-05 (J)	0.000118 (J)	<0.001
1/25/2016				0.000102 (J)	<0.001
1/26/2016	9.5E-05 (J)	0.000142 (J)	<0.001		
4/19/2016		<0.001	<0.001		
4/20/2016	<0.001				
4/21/2016				<0.001	<0.001
6/15/2016	3.8E-05 (J)				
6/16/2016		0.00013 (J)	<0.001	5.2E-05 (J)	2.7E-05 (J)
8/9/2016	<0.001				
8/10/2016			<0.001	<0.001	<0.001
8/11/2016		0.00011 (J)			
9/27/2016	<0.001			<0.001	0.00016 (J)
9/28/2016		0.00012 (J)	<0.001		
11/15/2016	<0.001		<0.001	<0.001	<0.001
11/16/2016		<0.001			
1/11/2017	<0.001	9.5E-05 (J)			
1/12/2017					<0.001
1/13/2017				<0.001	
1/16/2017			<0.001		
3/1/2017	<0.001	0.00011 (J)	<0.001	<0.001	<0.001
4/20/2017	<0.001				
4/24/2017					<0.001
4/25/2017		0.00012 (J)	<0.001	<0.001	
7/19/2017	<0.001				
7/25/2017		0.00011 (J)	<0.001	<0.001	<0.001
1/11/2018	<0.001				<0.001
1/12/2018		0.00011 (J)	<0.001	<0.001	
7/11/2018	<0.001	9.5E-05 (J)	<0.001	<0.001	<0.001
1/29/2019	<0.001		<0.001	<0.001	
1/30/2019		0.00012 (J)			<0.001
3/27/2019	<0.001	<0.001	<0.001	<0.001	<0.001
9/11/2019	<0.001	0.00018 (J)	0.00019 (J)	0.00034 (J)	0.00041 (J)
4/1/2020	<0.001	<0.001	<0.001	<0.001	<0.001
9/15/2020	<0.001	<0.001		<0.001	<0.001
9/16/2020			0.00026 (J)		
3/16/2021	<0.001		<0.001	<0.001	
3/17/2021		0.00016 (J)			<0.001

Time Series

Constituent: Thallium (mg/L) Analysis Run 4/27/2021 11:42 AM View: Constituents View

Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-23	GWC-4A[*GWB-4...GWC-5[*GWB-5]...	GWC-9
8/25/2004		<0.001	<0.001
9/11/2004		<0.001	<0.001
9/26/2004		<0.001	<0.001
10/13/2004		<0.001	<0.001
7/11/2005		<0.001	<0.001
12/7/2005		<0.001	<0.001
6/22/2006		<0.001	<0.001
11/28/2006		<0.001	<0.001
7/6/2007		<0.001	<0.001
12/13/2007		<0.001	<0.001
6/20/2008		<0.001	<0.001
12/7/2008		<0.001	<0.001
7/9/2009		<0.001	<0.001
12/29/2009		<0.001	<0.001
12/30/2009		<0.001	
6/22/2010		<0.001	<0.001
1/4/2011		<0.001	
1/5/2011			<0.001
7/9/2011		<0.001	<0.001
1/21/2012		<0.001	<0.001
7/11/2012		<0.001	<0.001
1/19/2013		<0.001	<0.001
1/20/2013		<0.001	
7/18/2013		<0.001	<0.001
7/19/2013		<0.001	
1/15/2014		<0.001	<0.001
1/16/2014		<0.001	
6/19/2015		<0.001	
6/20/2015		<0.001	<0.001
1/14/2016		<0.001	<0.001
4/19/2016			<0.001
4/20/2016		<0.001	
6/14/2016		3.6E-05 (J)	<0.001
6/15/2016			<0.001
6/16/2016	<0.001		
8/9/2016		<0.001	
8/10/2016	<0.001		<0.001
8/11/2016		<0.001	
9/27/2016		<0.001	<0.001
9/28/2016	<0.001		
11/14/2016		<0.001	
11/15/2016		<0.001	<0.001
11/16/2016	<0.001		
1/10/2017		<0.001	
1/11/2017		<0.001	
1/13/2017			<0.001
1/17/2017	<0.001		
1/19/2017		<0.001	
1/24/2017		0.00072	
2/28/2017		<0.001	<0.001
3/1/2017			<0.001
3/2/2017	<0.001		

Time Series

Constituent: Thallium (mg/L) Analysis Run 4/27/2021 11:42 AM View: Constituents View
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-23	GWC-4A[*GWB-4...GWC-5[*GWB-5]...	GWC-9
4/20/2017		<0.001	<0.001
4/24/2017			<0.001
4/25/2017	<0.001		
7/13/2017	<0.001		
7/18/2017		<0.001	<0.001
7/24/2017			<0.001
7/25/2017	9E-05 (J)		
1/10/2018		<0.001	<0.001
1/12/2018	0.00011 (J)		<0.001
7/11/2018		<0.001	<0.001
7/12/2018	0.0001 (J)		<0.001
1/29/2019		<0.001	<0.001
1/30/2019	0.00016 (J)		<0.001
3/26/2019		<0.001	<0.001
3/27/2019	0.00011		<0.001
9/10/2019		0.00033 (J)	<0.001
9/11/2019	0.00034 (J)		0.00023 (J)
3/31/2020		<0.001	<0.001
4/1/2020	<0.001		<0.001
9/15/2020	<0.001		<0.001
9/16/2020		<0.001	<0.001
3/17/2021	<0.001	<0.001	<0.001

Time Series

Constituent: Total Dissolved Solids (mg/L) Analysis Run 4/27/2021 11:42 AM View: Constituents View

Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWA-13 (bg)	GWA-14 (bg)	GWA-16[*GWB-1...	GWA-2 (bg)	GWA-3 (bg)
4/19/2016				<10	<10
4/20/2016	<10	<10	<10		
6/14/2016	47	65		55	46
6/15/2016			67		
8/9/2016	10	24	4 (J)	6	18
9/26/2016				24	
9/27/2016	16	14	18		30
11/14/2016					26
11/15/2016	4 (J)	18	26	38	
1/10/2017				18	18
1/11/2017		6	<10		
1/12/2017	26				
2/28/2017	6	14		12	22
3/1/2017			6		
4/19/2017				14	14
4/20/2017	<10	<10	<10		
10/10/2017				10	
10/11/2017	32	22	24		30
1/10/2018	10			6	28
1/11/2018		36	6		
7/11/2018	28 (J)	20 (J)	24 (J)	16 (J)	12 (J)
1/29/2019	24	22	26	36	27
3/26/2019	<10	17	27		
3/27/2019				36	35
9/10/2019	21	16	13		
9/11/2019				28	15
3/31/2020	17				
4/1/2020		<10	15	32	20
9/15/2020	17	17	14	22	<10
3/16/2021	23	17	20	24	25

Time Series

Constituent: Total Dissolved Solids (mg/L) Analysis Run 4/27/2021 11:42 AM View: Constituents View

Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-1	GWC-10	GWC-11	GWC-12	GWC-15[*GWB-1...
4/20/2016	<10		32	41	
4/21/2016		49			<10
6/15/2016	52		81	27	58
6/16/2016		109			
8/9/2016					6
8/10/2016	10	58	64	6	
9/27/2016	30	100	60	16	16
11/15/2016	32	94	72	22	18
1/11/2017					8
1/12/2017	52	110	84	44	
2/28/2017					4 (J)
3/1/2017	44	110	64	8	
4/20/2017	20			<10	10
4/24/2017		32	46		
10/11/2017	54		88		26
10/12/2017		74		12	
12/12/2017		150			
12/13/2017			68		
1/11/2018	100	150	10	34	56
7/11/2018					<5 (J)
7/12/2018	24 (J)	140 (J)	94 (J)	26 (J)	
1/29/2019					23
1/30/2019	55 (J)	160 (J)	89 (J)	22 (J)	
3/26/2019					17
3/27/2019	26	130	79	24	
9/11/2019	49	130	39	28	15
4/1/2020	39	130		20	21
4/2/2020			63		
9/15/2020	25	140	82		13
9/16/2020				17	
3/16/2021	29	130		19	
3/17/2021			81		29

Time Series

Constituent: Total Dissolved Solids (mg/L) Analysis Run 4/27/2021 11:42 AM View: Constituents View

Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-17 (bg)	GWC-18 (bg)	GWC-19	GWC-20	GWC-21
4/19/2016		106	34		
4/20/2016	29				
4/21/2016				28	<10
6/15/2016	85				
6/16/2016		150	34	42	30
8/9/2016	<10				
8/10/2016			32	6	<10
8/11/2016		78			
9/27/2016	6			20	14
9/28/2016		43	13		
11/15/2016	24		64	82	58
11/16/2016		140			
1/11/2017	20	64			
1/12/2017					38
1/13/2017				36	
1/16/2017			12		
3/1/2017	38	88	72	40	32
4/20/2017	6				
4/24/2017					16
4/25/2017		92	62	14	
10/11/2017	48				
10/12/2017		54	38	22	12
1/11/2018	18				20
1/12/2018		110	81	56	
7/11/2018	22 (J)	16 (J)	38 (J)	32 (J)	52 (J)
1/29/2019	37		62	27	
1/30/2019		100 (J)			43 (J)
3/27/2019	38	79	61	57	33
9/11/2019	31	45	49	45	23
4/1/2020	27	73	52	26	21
9/15/2020	26	64		34	24
9/16/2020			60		
3/16/2021	25		65	37	
3/17/2021		59			24

Time Series

Constituent: Total Dissolved Solids (mg/L) Analysis Run 4/27/2021 11:42 AM View: Constituents View

Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-23	GWC-4A[*GWB-4...GWC-5[*GWB-5]...	GWC-9
4/19/2016			49
4/20/2016		<10	<10
6/14/2016		67	62
6/15/2016			84
6/16/2016	78		
8/9/2016		6	
8/10/2016	88		44
8/11/2016		<10	
9/27/2016		28	10
9/28/2016	35		30
11/14/2016		48	
11/15/2016			32
11/16/2016	98		
1/10/2017		22	
1/11/2017			12
1/13/2017			54
1/17/2017	36		
2/28/2017		32	<10
3/1/2017			34
3/2/2017	38		
4/20/2017		20	34
4/24/2017			<10
4/25/2017	28		
7/13/2017	20		
10/10/2017		24	
10/11/2017			40
10/12/2017	24		20
1/10/2018		42	48
1/12/2018	43		48
7/11/2018		<5 (J)	22 (J)
7/12/2018	40		42 (J)
1/29/2019		26	34
1/30/2019	38 (J)		42 (J)
3/26/2019		39	21
3/27/2019	42		34
9/10/2019		36	13
9/11/2019	24		43
3/31/2020		27	28
4/1/2020	25		36
9/15/2020	27		23
9/16/2020		21	<10
3/17/2021	24	36	31
			40

Time Series

Constituent: Vanadium (mg/L) Analysis Run 4/27/2021 11:42 AM View: Constituents View

Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWA-13 (bg)	GWA-14 (bg)	GWA-16[*GWB-1...	GWA-2 (bg)	GWA-3 (bg)
8/25/2004				<0.001	<0.001
9/11/2004				<0.001	<0.001
9/26/2004				<0.001	<0.001
10/13/2004				<0.001	<0.001
7/11/2005				<0.001	<0.001
12/7/2005				<0.001	<0.001
6/22/2006				<0.001	<0.001
11/28/2006				<0.001	<0.001
7/6/2007				<0.001	0.0031
12/13/2007				<0.001	<0.001
6/20/2008				<0.001	0.005
12/7/2008				<0.001	<0.001
7/9/2009				<0.001	<0.001
12/28/2009				<0.001	<0.001
6/22/2010				<0.001	<0.001
1/4/2011				<0.001	
1/5/2011					0.056 (O)
7/9/2011				<0.001	0.0033
1/20/2012					<0.001
1/21/2012				<0.001	
7/11/2012				0.0051	<0.001
1/19/2013					<0.001
1/20/2013				<0.001	
7/18/2013					<0.001
7/19/2013				<0.001	
1/15/2014				<0.001	<0.001
7/11/2014				<0.001	<0.001
1/15/2015					<0.001
1/16/2015				<0.001	
6/19/2015					<0.001
6/20/2015				<0.001	
12/7/2015	<0.001	<0.001	<0.001		
12/14/2015			<0.001		
12/15/2015	<0.001	<0.001			
12/28/2015			<0.001		
12/29/2015	<0.001	<0.001			
1/13/2016	<0.001	<0.001	<0.001		
1/16/2016				<0.001	<0.001
1/25/2016	<0.001	<0.001	<0.001		
6/14/2016	0.00055 (J)	0.00033 (J)		0.00044 (J)	0.00027 (J)
6/15/2016			0.00015 (J)		
1/10/2017				0.0014 (J)	0.0015 (J)
1/11/2017		<0.001	0.0015 (J)		
1/12/2017	0.0018 (J)				
7/17/2017				<0.001	
7/18/2017	<0.001				<0.001
7/19/2017		<0.001	<0.001		
1/10/2018	<0.001			<0.001	<0.001
1/11/2018		<0.001	<0.001		
7/11/2018	<0.001	<0.001	<0.001	<0.001	<0.001
1/29/2019	0.0018 (J)	<0.001	<0.001	<0.001	<0.001
3/26/2019	<0.001	<0.001	0.0019		

Time Series

Constituent: Vanadium (mg/L) Analysis Run 4/27/2021 11:42 AM View: Constituents View
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWA-13 (bg)	GWA-14 (bg)	GWA-16[*GWB-1...	GWA-2 (bg)	GWA-3 (bg)
3/27/2019				0.0019	0.0047
9/10/2019	0.0027	0.002	0.0019		
9/11/2019				0.0014	0.0012
3/31/2020	<0.001				
4/1/2020		<0.001	<0.001	<0.001	<0.001
9/15/2020	<0.001	<0.001	<0.001	<0.001	<0.001
3/16/2021	<0.001	<0.001	<0.001	<0.001	<0.001

Time Series

Constituent: Vanadium (mg/L) Analysis Run 4/27/2021 11:42 AM View: Constituents View

Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-1	GWC-10	GWC-11	GWC-12	GWC-15[*GWB-1...
8/25/2004	<0.001	<0.001	<0.001	<0.001	
9/11/2004	<0.001	<0.001	<0.001	<0.001	
9/26/2004	<0.001	<0.001	<0.001	<0.001	
10/13/2004		<0.001	<0.001	<0.001	
7/11/2005	<0.001	<0.001	<0.001	<0.001	
12/7/2005	<0.001	<0.001	<0.001	<0.001	
6/22/2006	<0.001	<0.001	<0.001	<0.001	
11/28/2006	<0.001	<0.001	<0.001	<0.001	
7/6/2007	<0.001	<0.001	<0.001	<0.001	
12/13/2007	<0.001	<0.001	<0.001	<0.001	
6/20/2008	<0.001	<0.001	0.0093 (o)	<0.001	
12/7/2008	<0.001	<0.001	<0.001	<0.001	
7/9/2009	<0.001				
7/10/2009		<0.001	<0.001	<0.001	
12/28/2009	<0.001			<0.001	
12/29/2009		<0.001	<0.001		
6/22/2010	<0.001	<0.001	0.0025	<0.001	
1/4/2011	<0.001	<0.001		<0.001	
1/5/2011			<0.001		
7/9/2011	0.0032		<0.001	<0.001	
7/10/2011		<0.001			
1/20/2012				<0.001	
1/21/2012	<0.001	<0.001	<0.001		
7/11/2012	<0.001	<0.001	<0.001	<0.001	
1/19/2013			<0.001	<0.001	
1/20/2013	<0.001	<0.001			
7/18/2013				<0.001	
7/19/2013	<0.001	<0.001	<0.001		
1/15/2014	<0.001		<0.001	<0.001	
1/16/2014		<0.001			
7/10/2014		<0.001			
7/11/2014	<0.001		0.001 (J)	<0.001	
1/15/2015				<0.001	
1/16/2015	<0.001	0.00098 (J)	0.00089 (J)		
6/19/2015				<0.001	
6/20/2015	0.0017 (J)	0.0019 (J)	0.0017 (J)		
12/7/2015				<0.001	
12/15/2015				<0.001	
12/28/2015				<0.001	
1/13/2016				<0.001	
1/14/2016			0.0017 (J)		
1/16/2016	<0.001	0.0008 (J)		<0.001	
1/25/2016					<0.001
6/15/2016	0.00031 (J)		0.0018 (J)	0.0004 (J)	0.0003 (J)
6/16/2016		0.0011 (J)			
1/11/2017					0.0017 (J)
1/12/2017	0.0031	0.0087	0.01	0.0075	
7/19/2017	<0.001				<0.001
7/20/2017				0.0015 (J)	
7/24/2017		0.0027	0.0015 (J)		
1/11/2018	<0.001	<0.001	<0.001	<0.001	<0.001
7/11/2018					<0.001

Time Series

Constituent: Vanadium (mg/L) Analysis Run 4/27/2021 11:42 AM View: Constituents View
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-1	GWC-10	GWC-11	GWC-12	GWC-15[*GWB-1...
7/12/2018	<0.001	<0.001	<0.001	<0.001	
1/29/2019					<0.001
1/30/2019	<0.001	0.0027 (J)	<0.001	<0.001	
3/26/2019					0.0041
3/27/2019	<0.001	0.0065	0.0016	0.0078	
9/11/2019	0.0013	0.0022	0.0025	0.0011	0.0016
4/1/2020	<0.001	0.0012		<0.001	<0.001
4/2/2020			0.0016		
9/15/2020	<0.001	<0.001	0.001		<0.001
9/16/2020				<0.001	
3/16/2021	<0.001	0.0013		<0.001	
3/17/2021			0.0015		<0.001

Time Series

Constituent: Vanadium (mg/L) Analysis Run 4/27/2021 11:42 AM View: Constituents View

Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-17 (bg)	GWC-18 (bg)	GWC-19	GWC-20	GWC-21
12/8/2015	<0.001	0.0023 (J)	0.0023 (J)		
12/9/2015				<0.001	<0.001
12/14/2015	<0.001	0.0028 (J)		<0.001	<0.001
12/15/2015			0.0016 (J)		
12/28/2015	<0.001	0.0024 (J)	0.0013 (J)		
12/29/2015				<0.001	<0.001
1/13/2016	<0.001				
1/14/2016		0.0022 (J)	0.0014 (J)	<0.001	<0.001
1/25/2016				<0.001	<0.001
1/26/2016	<0.001	0.0022 (J)	0.0013 (J)		
6/15/2016	0.00047 (J)				
6/16/2016		0.0041 (J)	0.00092 (J)	0.00054 (J)	0.00048 (J)
1/11/2017	<0.001	0.003			
1/12/2017					0.0058
1/13/2017				0.0074	
1/16/2017			0.0067		
7/19/2017	<0.001				
7/25/2017		0.0055	0.0035	0.0034	0.0029
1/11/2018	<0.001				<0.001
1/12/2018		0.0022 (J)	<0.001	<0.001	
7/11/2018	<0.001	0.0016 (J)	<0.001	<0.001	<0.001
1/29/2019	<0.001		<0.001	<0.001	
1/30/2019		0.0042 (J)			<0.001
3/27/2019	0.004	0.0074	<0.001	0.0031	0.0049
9/11/2019	0.0018	0.0037	0.0023	0.0018	0.0015
4/1/2020	<0.001	0.0024	<0.001	<0.001	<0.001
9/15/2020	<0.001	0.0022		<0.001	<0.001
9/16/2020			<0.001		
3/16/2021	<0.001		<0.001	<0.001	
3/17/2021		0.0026			<0.001

Time Series

Constituent: Vanadium (mg/L) Analysis Run 4/27/2021 11:42 AM View: Constituents View

Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-23	GWC-4A[*GWB-4...GWC-5[*GWB-5]...	GWC-9
8/25/2004		<0.001	<0.001
9/11/2004		<0.001	<0.001
9/26/2004		<0.001	<0.001
10/13/2004		<0.001	<0.001
7/11/2005		<0.001	<0.001
12/7/2005		<0.001	<0.001
6/22/2006		<0.001	<0.001
11/28/2006		<0.001	<0.001
7/6/2007		<0.001	<0.001
12/13/2007		<0.001	<0.001
6/20/2008		0.0033	<0.001
12/7/2008		<0.001	<0.001
7/9/2009		<0.001	<0.001
12/29/2009		<0.001	<0.001
12/30/2009		<0.001	
6/22/2010		<0.001	<0.001
1/4/2011		<0.001	
1/5/2011			<0.001
7/9/2011		<0.001	<0.001
7/10/2011		<0.001	
1/21/2012		<0.001	<0.001
7/11/2012		<0.001	<0.001
1/19/2013		<0.001	<0.001
1/20/2013		<0.001	
7/18/2013		<0.001	<0.001
7/19/2013		<0.001	
1/15/2014		<0.001	<0.001
1/16/2014		<0.001	
7/10/2014		<0.001	<0.001
1/15/2015		<0.001	
1/16/2015		<0.001	<0.001
6/19/2015		0.0035 (J)	
6/20/2015		<0.001	<0.001
1/14/2016		<0.001	<0.001
6/14/2016		0.00028 (J)	0.00047 (J)
6/15/2016			0.00019 (J)
6/16/2016	0.00063 (J)		
1/10/2017		0.0014 (J)	
1/11/2017		0.0016 (J)	
1/13/2017			0.0091
1/17/2017	0.0026		
7/18/2017		<0.001	<0.001
7/24/2017			0.0027
7/25/2017	0.003		
1/10/2018		<0.001	<0.001
1/12/2018	<0.001		<0.001
7/11/2018		<0.001	<0.001
7/12/2018	<0.001		<0.001
1/29/2019		<0.001	<0.001
1/30/2019	<0.001		<0.001
3/26/2019		0.0027	0.0015
3/27/2019	0.0055		0.006

Time Series

Constituent: Vanadium (mg/L) Analysis Run 4/27/2021 11:42 AM View: Constituents View
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-23	GWC-4A[*GWB-4...GWC-5[*GWB-5]...	GWC-9
9/10/2019		0.0018	0.0018
9/11/2019	0.0015		0.0015
3/31/2020		<0.001	<0.001
4/1/2020	<0.001		<0.001
9/15/2020	<0.001		<0.001
9/16/2020		<0.001	<0.001
3/17/2021	<0.001	<0.001	<0.001

Time Series

Constituent: Zinc (mg/L) Analysis Run 4/27/2021 11:42 AM View: Constituents View

Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWA-13 (bg)	GWA-14 (bg)	GWA-16[*GWB-1...	GWA-2 (bg)	GWA-3 (bg)
8/25/2004				0.014	<0.005
9/11/2004				<0.005	<0.005
9/26/2004				<0.005	<0.005
10/13/2004				<0.005	<0.005
7/11/2005				<0.005	<0.005
12/7/2005				<0.005	<0.005
6/22/2006				0.0041	0.0042
11/28/2006				0.0033	0.0048
7/6/2007				0.0036	0.045
12/13/2007				<0.005	0.005
6/20/2008				0.0045	0.012
12/7/2008				0.0031	0.042
7/9/2009				0.004	0.0038
12/28/2009				0.0027	<0.005
6/22/2010				0.0028	<0.005
1/4/2011				0.0027	
1/5/2011					0.057 (O)
7/9/2011				0.0051	0.0085
1/20/2012					0.0057
1/21/2012				0.004	
7/11/2012				0.0075	<0.005
1/19/2013					<0.005
1/20/2013				0.0034	
7/18/2013					0.0028
7/19/2013				<0.005	
1/15/2014				0.0049	0.0047
7/11/2014				0.0038	0.0025
1/15/2015					0.002 (J)
1/16/2015				0.0032	
6/19/2015					0.0019 (J)
6/20/2015				0.0042	
12/7/2015	0.0034	0.0044	0.0048		
12/14/2015			0.0038		
12/15/2015	0.003	0.0031			
12/28/2015			0.0042		
12/29/2015	0.0028	0.0028			
1/13/2016	0.0025	0.0028	0.0036		
1/16/2016				0.0042	0.0033
1/25/2016	0.0022 (J)	0.0034	0.0033		
6/14/2016	0.0042 (J)	0.0036 (J)		0.0043 (J)	0.0028 (J)
6/15/2016			0.0032 (J)		
1/10/2017				0.0084 (J)	0.0079 (J)
1/11/2017		0.013 (J)	<0.005		
1/12/2017	<0.005				
7/17/2017				<0.005	
7/18/2017	<0.005				<0.005
7/19/2017		<0.005	<0.005		
1/10/2018	<0.005			<0.005	<0.005
1/11/2018		<0.005	<0.005		
7/11/2018	<0.005	<0.005	<0.005	<0.005	<0.005
1/29/2019	<0.005	0.0048 (J)	0.0024 (J)	0.0064 (J)	<0.005
3/26/2019	<0.005	<0.005	<0.005		

Time Series

Constituent: Zinc (mg/L) Analysis Run 4/27/2021 11:42 AM View: Constituents View
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWA-13 (bg)	GWA-14 (bg)	GWA-16[*]GWB-1...	GWA-2 (bg)	GWA-3 (bg)
3/27/2019				<0.005	<0.005
9/10/2019	0.0061	0.0069	0.006		
9/11/2019				0.0089	0.012
3/31/2020	<0.005				
4/1/2020		<0.005	<0.005	0.0066	<0.005
9/15/2020	0.0037 (J)	0.024	0.0033 (J)	0.0049 (J)	<0.005
3/16/2021	<0.005	0.007	0.005	0.0045 (J)	0.0035 (J)

Time Series

Constituent: Zinc (mg/L) Analysis Run 4/27/2021 11:42 AM View: Constituents View

Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-1	GWC-10	GWC-11	GWC-12	GWC-15[*GWB-1...
8/25/2004	0.012	<0.005	<0.005	<0.005	
9/11/2004	<0.005	0.01	<0.005	0.01	
9/26/2004	<0.005	<0.005	<0.005	<0.005	
10/13/2004		<0.005	<0.005	<0.005	
7/11/2005	<0.005	<0.005	<0.005	<0.005	
12/7/2005	0.015	<0.005	<0.005	<0.005	
6/22/2006	0.0044	0.0034	0.0025	0.0038	
11/28/2006	0.0034	0.019	0.0026	0.007	
7/6/2007	0.0029	<0.005	0.0025	0.0025	
12/13/2007	<0.005	<0.005	<0.005	0.0032	
6/20/2008	0.0035	0.0039	0.0089	0.0044	
12/7/2008	0.0036	<0.005	0.041 (O)	0.0042	
7/9/2009	0.0032				
7/10/2009		<0.005	<0.005	0.0025	
12/28/2009	0.0032			0.0027	
12/29/2009		<0.005	<0.005		
6/22/2010	0.0032	<0.005	<0.005	<0.005	
1/4/2011	<0.005	<0.005		0.0033	
1/5/2011			<0.005		
7/9/2011	0.0076		<0.005	0.0043	
7/10/2011		0.0026			
1/20/2012				0.0038	
1/21/2012	0.0034	<0.005	0.005		
7/11/2012	0.0028	<0.005	0.0025	0.0035	
1/19/2013			<0.005	0.0028	
1/20/2013	0.0032	<0.005			
7/18/2013				0.0028	
7/19/2013	0.0028	<0.005	<0.005		
1/15/2014	0.0047		0.0034	0.0053	
1/16/2014		0.0031			
7/10/2014		0.0012 (J)			
7/11/2014	0.0041		0.0019 (J)	0.0034	
1/15/2015				0.003	
1/16/2015	0.0035	0.0017 (J)	<0.005		
6/19/2015				0.0035	
6/20/2015	0.0043	0.0036	<0.005		
12/7/2015					0.0052
12/15/2015					0.0046
12/28/2015					0.0042
1/13/2016					0.0038
1/14/2016			0.0022 (J)		
1/16/2016	0.002 (J)	<0.005		0.0023 (J)	
1/25/2016					0.0036
6/15/2016	0.0027 (J)		0.0028 (J)	0.0031 (J)	0.0028 (J)
6/16/2016		<0.005			
1/11/2017					0.014 (J)
1/12/2017	<0.005	<0.005	<0.005	<0.005	
7/19/2017	<0.005				<0.005
7/20/2017				<0.005	
7/24/2017		<0.005	<0.005		
1/11/2018	<0.005	<0.005	<0.005	<0.005	<0.005
7/11/2018					<0.005

Time Series

Constituent: Zinc (mg/L) Analysis Run 4/27/2021 11:42 AM View: Constituents View
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-1	GWC-10	GWC-11	GWC-12	GWC-15[*GWB-1...
7/12/2018	<0.005	<0.005	<0.005	<0.005	
1/29/2019					0.0059 (J)
1/30/2019	0.0031 (J)	<0.005	<0.005	<0.005	
3/26/2019					<0.005
3/27/2019	<0.005	<0.005	<0.005	<0.005	
9/11/2019	0.0088	0.0058	0.005	0.0066	0.0062
4/1/2020	0.0046 (J)	<0.005		<0.005	<0.005
4/2/2020			0.0049 (J)		
9/15/2020	0.0049 (J)	0.0043 (J)	<0.005		0.0033 (J)
9/16/2020				0.0033 (J)	
3/16/2021	0.0047 (J)	<0.005		<0.005	
3/17/2021			0.0032 (J)		0.0063

Time Series

Constituent: Zinc (mg/L) Analysis Run 4/27/2021 11:42 AM View: Constituents View

Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-17 (bg)	GWC-18 (bg)	GWC-19	GWC-20	GWC-21
12/8/2015	0.0058	0.0017 (J)	0.0035		
12/9/2015				0.0035	0.0016 (J)
12/14/2015	0.006	0.0028		0.0056	0.0015 (J)
12/15/2015			0.0028		
12/28/2015	0.0058	0.0024 (J)	0.0023 (J)		
12/29/2015				0.0084	<0.005
1/13/2016	0.0056				
1/14/2016		0.0036	0.012	0.0048	0.0052
1/25/2016				0.0069	0.0017 (J)
1/26/2016	0.0046	0.0036	0.0034		
6/15/2016	0.0053 (J)				
6/16/2016		0.0052 (J)	0.0026 (J)	0.0048 (J)	0.0097 (J)
1/11/2017	0.018 (J)	0.025			
1/12/2017					<0.005
1/13/2017				<0.005	
1/16/2017			<0.005		
7/19/2017	<0.005				
7/25/2017		<0.005	<0.005	<0.005	<0.005
1/11/2018	<0.005				<0.005
1/12/2018		<0.005	<0.005	<0.005	
7/11/2018	<0.005	<0.005	<0.005	<0.005	<0.005
1/29/2019	0.0059 (J)		0.0051 (J)	<0.005	
1/30/2019		0.5			0.0025 (J)
3/27/2019	<0.005	<0.005	<0.005	<0.005	<0.005
9/11/2019	0.013	0.0058	0.0046 (J)	0.0073	0.0063
4/1/2020	0.005	<0.005	<0.005	<0.005	0.0032 (J)
9/15/2020	0.0052	0.0032 (J)		0.0044 (J)	<0.005
9/16/2020			0.004 (J)		
3/16/2021	0.006		<0.005	<0.005	
3/17/2021		0.0032 (J)			<0.005

Time Series

Constituent: Zinc (mg/L) Analysis Run 4/27/2021 11:42 AM View: Constituents View

Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-23	GWC-4A[*GWB-4...GWC-5[*GWB-5]...	GWC-9
8/25/2004		<0.005	0.017
9/11/2004		<0.005	<0.005
9/26/2004		<0.005	<0.005
10/13/2004		<0.005	<0.005
7/11/2005		<0.005	<0.005
12/7/2005		0.06 (O)	<0.005
6/22/2006		0.0061	0.0033
11/28/2006		0.0064	0.0034
7/6/2007		0.011	0.0037
12/13/2007		0.0061	<0.005
6/20/2008		0.009	0.0042
12/7/2008		0.0071	0.0049
7/9/2009		0.0059	0.0032
12/29/2009			0.0031
12/30/2009		0.0038	
6/22/2010		0.0044	<0.005
1/4/2011		0.0038	0.0029
1/5/2011			<0.005
7/9/2011			0.0038
7/10/2011		0.005	
1/21/2012		0.0074	0.0057
7/11/2012		0.0047	0.0032
1/19/2013			0.0032
1/20/2013		<0.005	
7/18/2013			0.0027
7/19/2013		0.0032	
1/15/2014			0.0059
1/16/2014		0.019	
7/10/2014		0.0038	0.0064
1/15/2015			0.0024 (J)
1/16/2015		0.0045	
6/19/2015			0.0057
6/20/2015		0.0023 (J)	
1/14/2016		0.0024 (J)	0.0022 (J)
6/14/2016		0.0053 (J)	0.0028 (J)
6/15/2016			0.0037 (J)
6/16/2016	0.0098 (J)		
1/10/2017		<0.005	
1/11/2017			0.013 (J)
1/13/2017			<0.005
1/17/2017	<0.005		
7/18/2017		<0.005	<0.005
7/24/2017			<0.005
7/25/2017	0.0069 (J)		
1/10/2018		<0.005	<0.005
1/12/2018	<0.005		<0.005
7/11/2018		0.0098 (J)	<0.005
7/12/2018	<0.005		<0.005
1/29/2019		0.0064 (J)	0.0027 (J)
1/30/2019	0.0049 (J)		0.051
3/26/2019		0.01	<0.005
3/27/2019	<0.005		<0.005

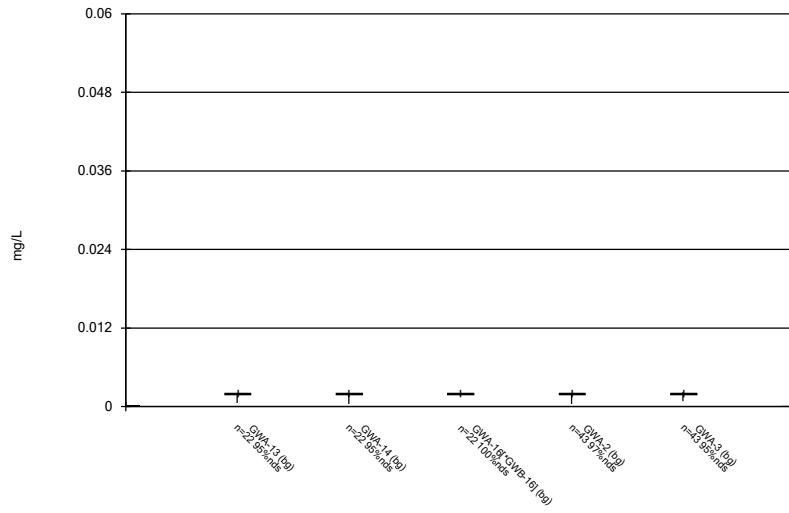
Time Series

Constituent: Zinc (mg/L) Analysis Run 4/27/2021 11:42 AM View: Constituents View
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-23	GWC-4A[*GWB-4...GWC-5[*GWB-5]...	GWC-9
9/10/2019		0.012	0.022
9/11/2019	0.0086		0.0058
3/31/2020		0.013	<0.005
4/1/2020	0.0033 (J)		<0.005
9/15/2020	0.004 (J)		0.0049 (J)
9/16/2020		0.011	0.0035 (J)
3/17/2021	0.0033 (J)	0.0039 (J)	0.0041 (J) <0.005

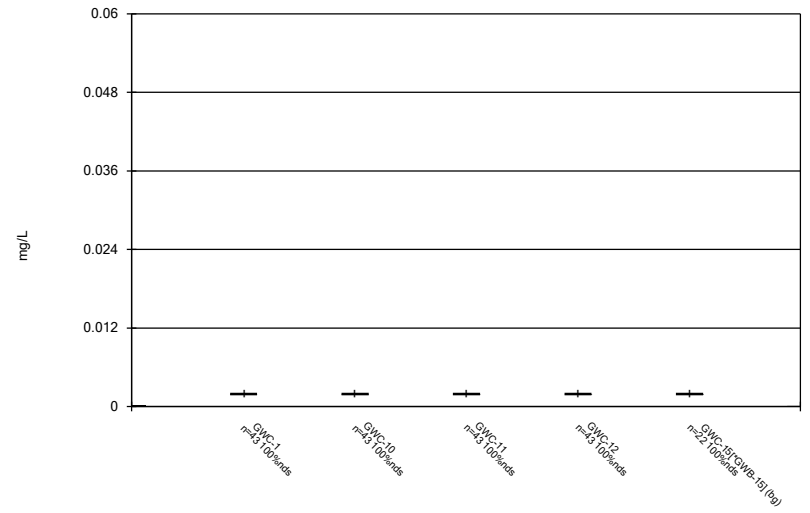
FIGURE B.

Box & Whiskers Plot



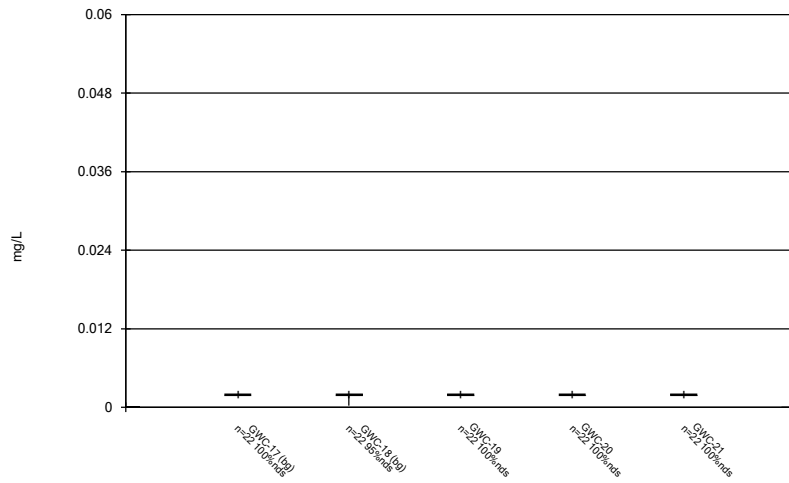
Constituent: Antimony Analysis Run 4/27/2021 11:51 AM View: Constituents View
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Box & Whiskers Plot



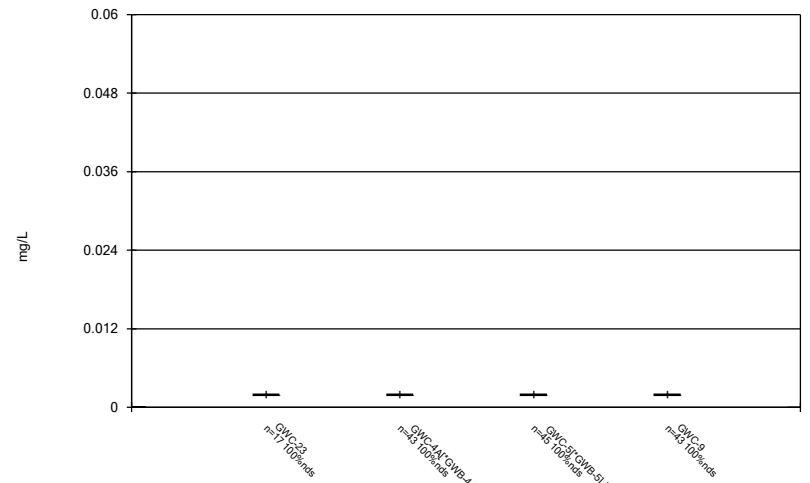
Constituent: Antimony Analysis Run 4/27/2021 11:51 AM View: Constituents View
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Box & Whiskers Plot



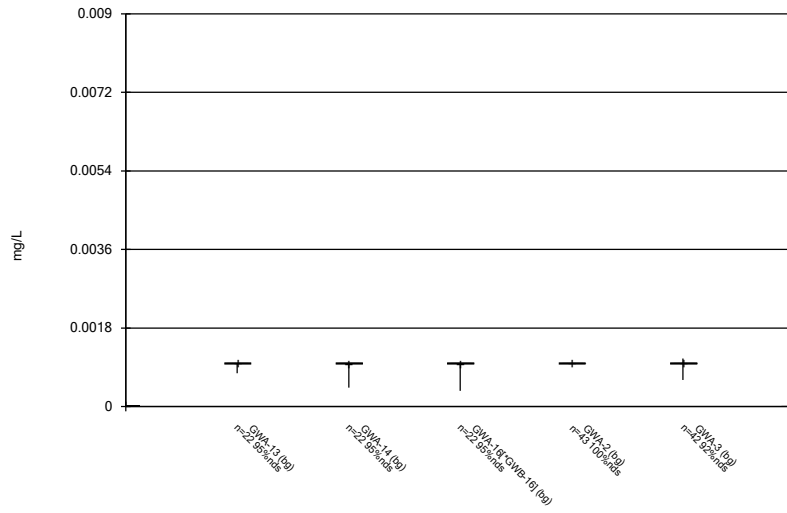
Constituent: Antimony Analysis Run 4/27/2021 11:51 AM View: Constituents View
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Box & Whiskers Plot



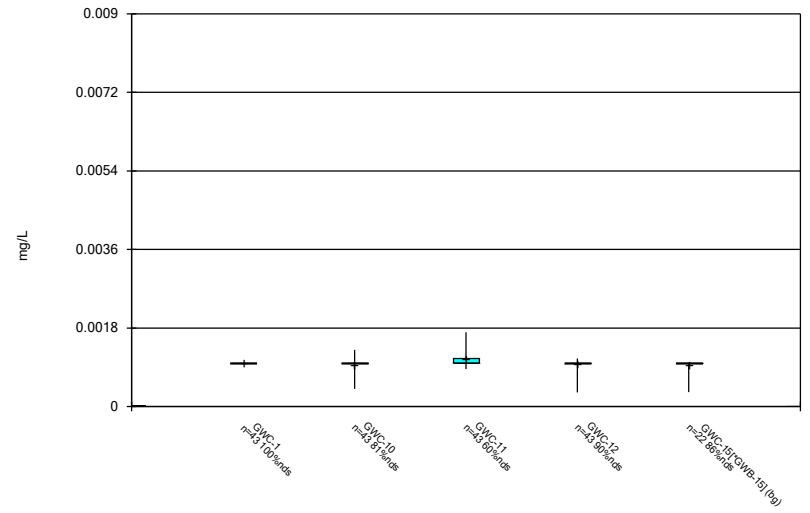
Constituent: Antimony Analysis Run 4/27/2021 11:51 AM View: Constituents View
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Box & Whiskers Plot



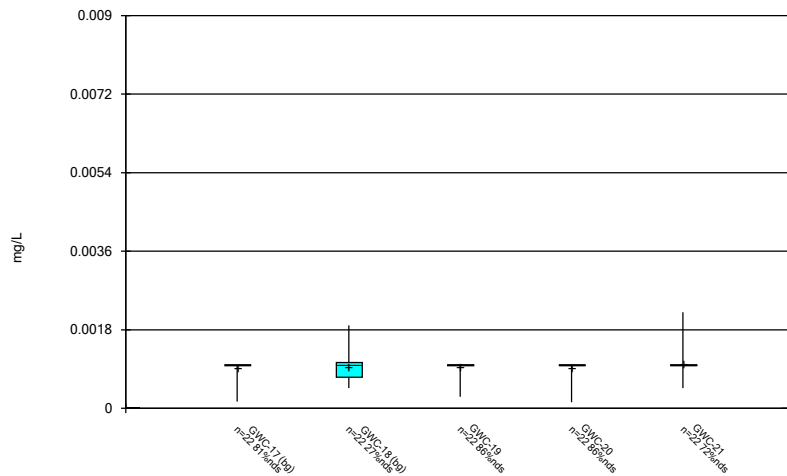
Constituent: Arsenic Analysis Run 4/27/2021 11:51 AM View: Constituents View
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Box & Whiskers Plot



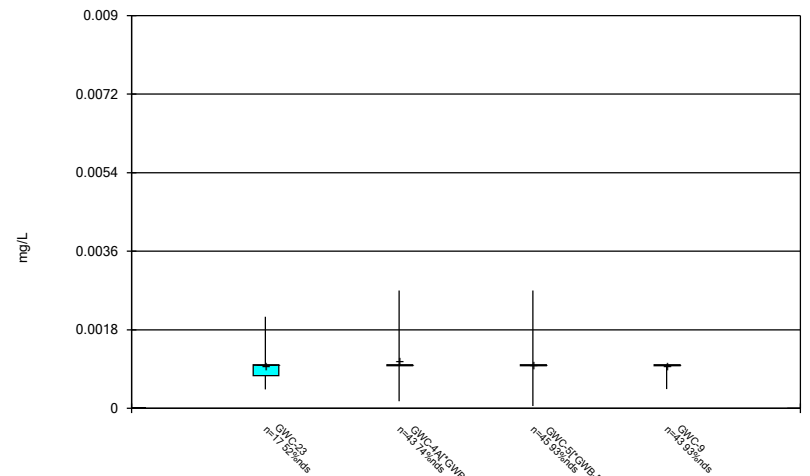
Constituent: Arsenic Analysis Run 4/27/2021 11:51 AM View: Constituents View
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Box & Whiskers Plot



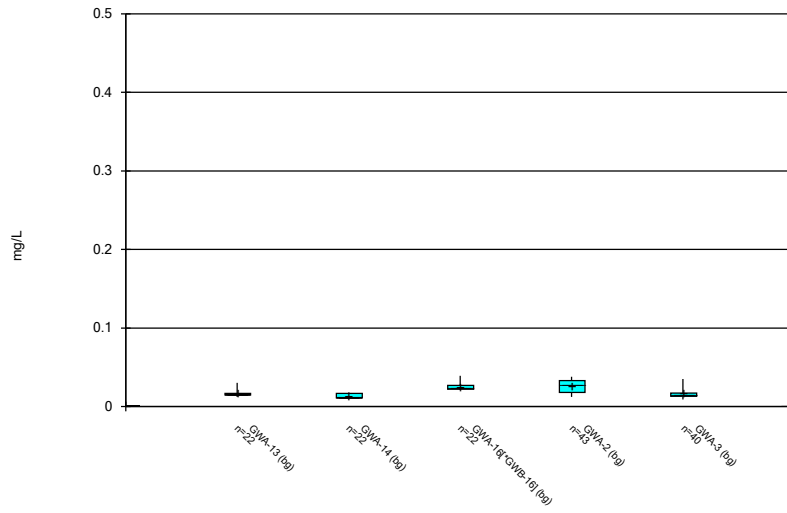
Constituent: Arsenic Analysis Run 4/27/2021 11:51 AM View: Constituents View
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Box & Whiskers Plot



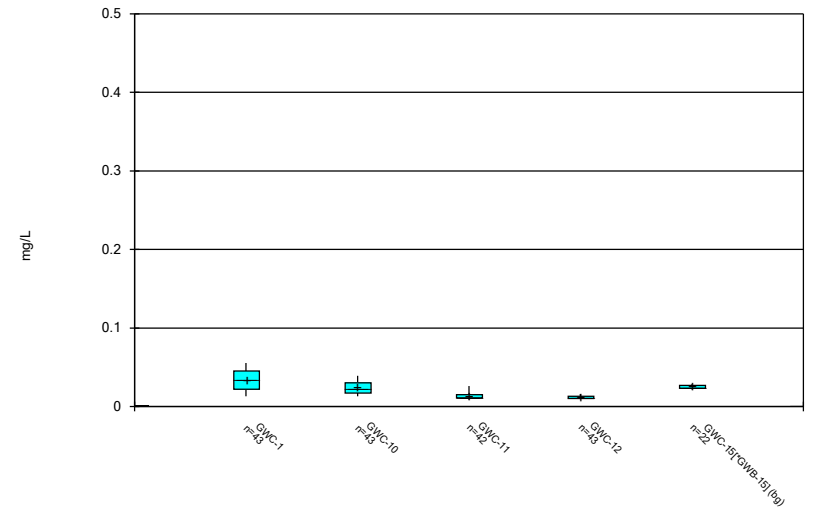
Constituent: Arsenic Analysis Run 4/27/2021 11:51 AM View: Constituents View
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Box & Whiskers Plot



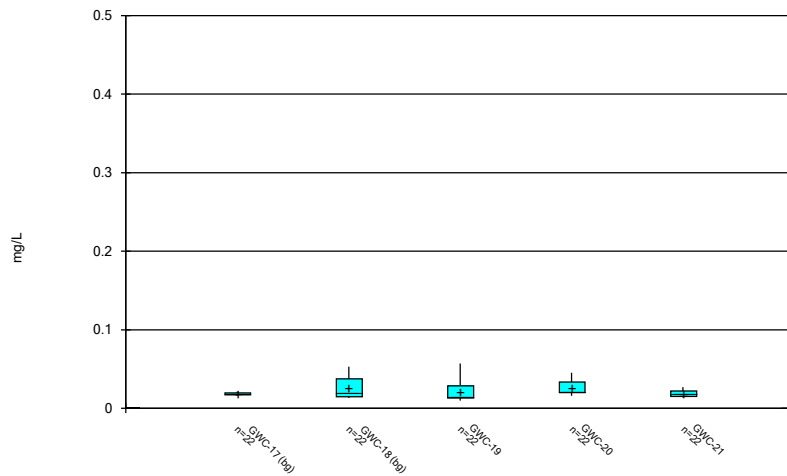
Constituent: Barium Analysis Run 4/27/2021 11:51 AM View: Constituents View
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Box & Whiskers Plot



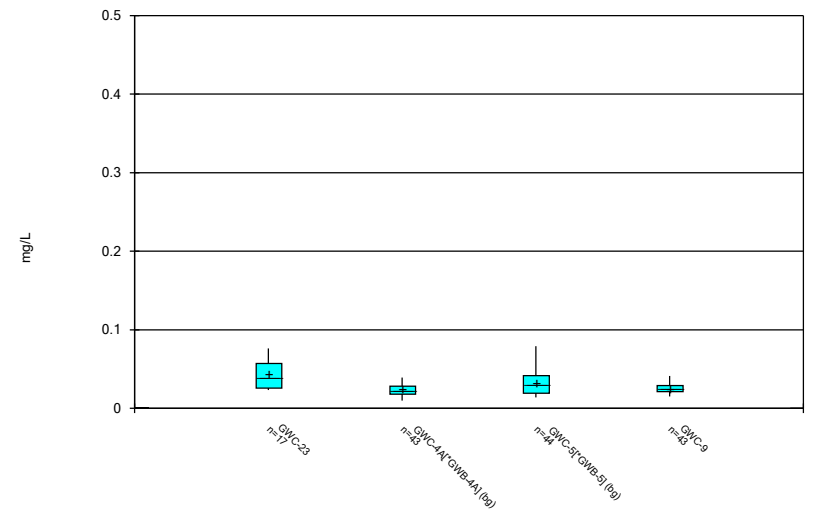
Constituent: Barium Analysis Run 4/27/2021 11:51 AM View: Constituents View
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Box & Whiskers Plot



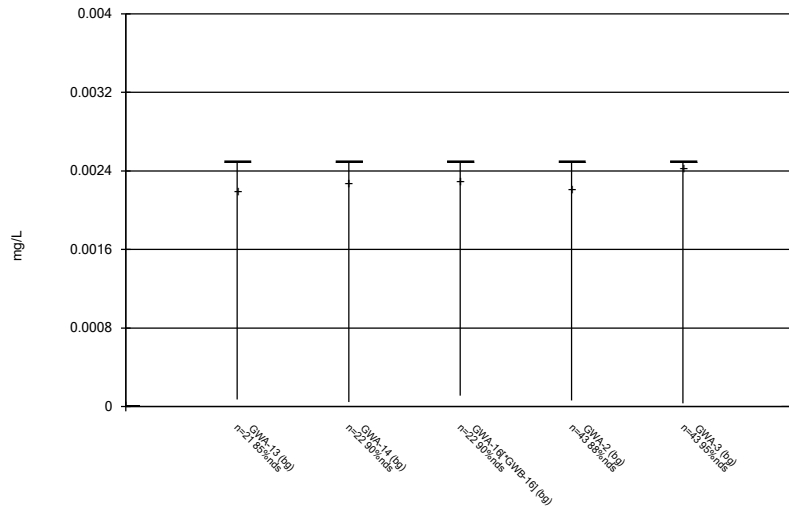
Constituent: Barium Analysis Run 4/27/2021 11:51 AM View: Constituents View
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Box & Whiskers Plot



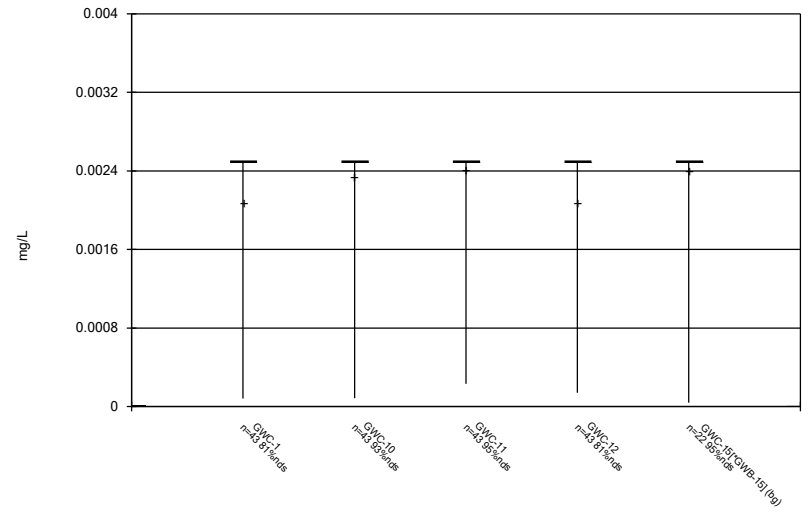
Constituent: Barium Analysis Run 4/27/2021 11:51 AM View: Constituents View
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Box & Whiskers Plot



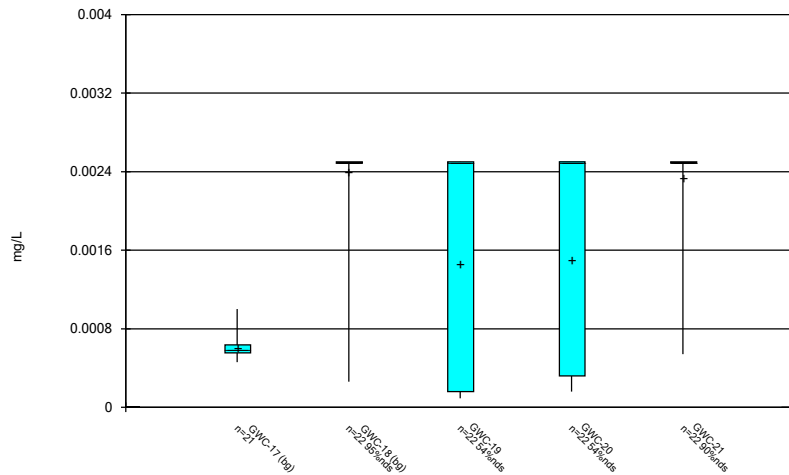
Constituent: Beryllium Analysis Run 4/27/2021 11:51 AM View: Constituents View
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Box & Whiskers Plot



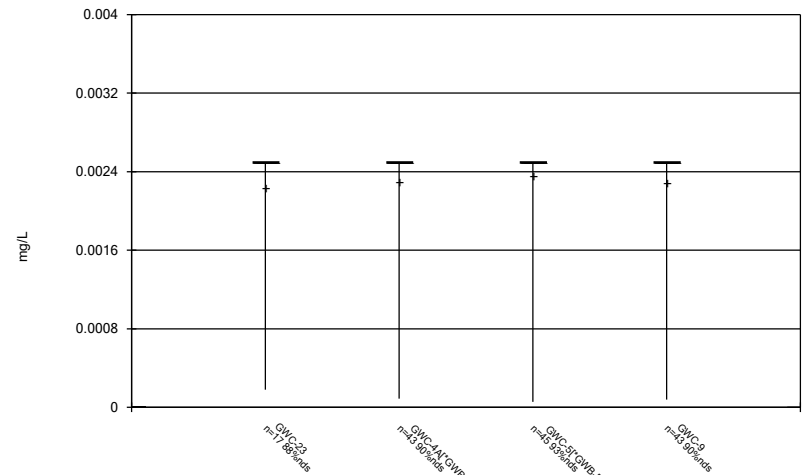
Constituent: Beryllium Analysis Run 4/27/2021 11:51 AM View: Constituents View
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Box & Whiskers Plot



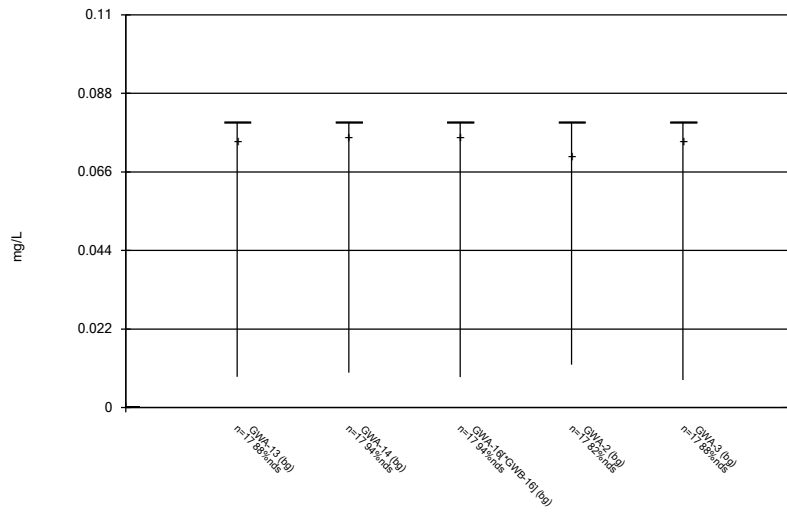
Constituent: Beryllium Analysis Run 4/27/2021 11:51 AM View: Constituents View
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Box & Whiskers Plot



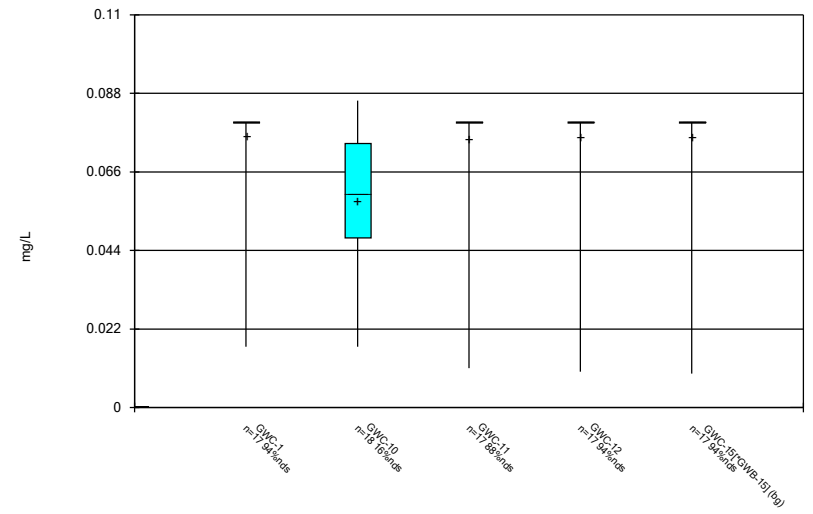
Constituent: Beryllium Analysis Run 4/27/2021 11:51 AM View: Constituents View
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Box & Whiskers Plot



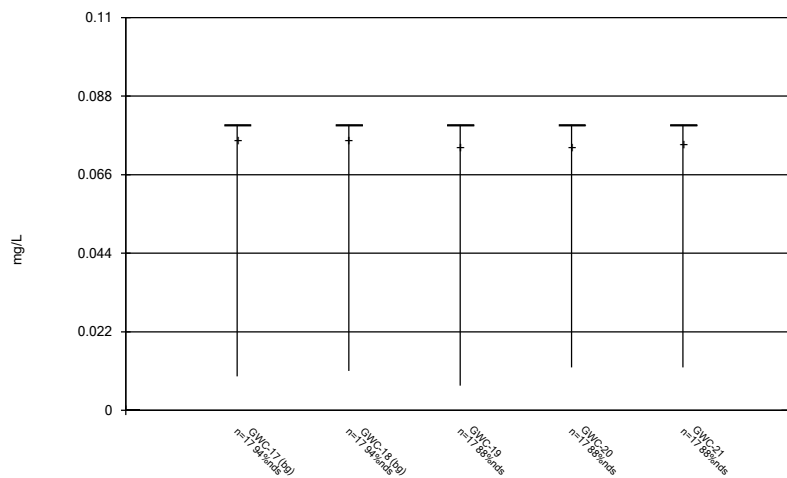
Constituent: Boron Analysis Run 4/27/2021 11:51 AM View: Constituents View
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Box & Whiskers Plot



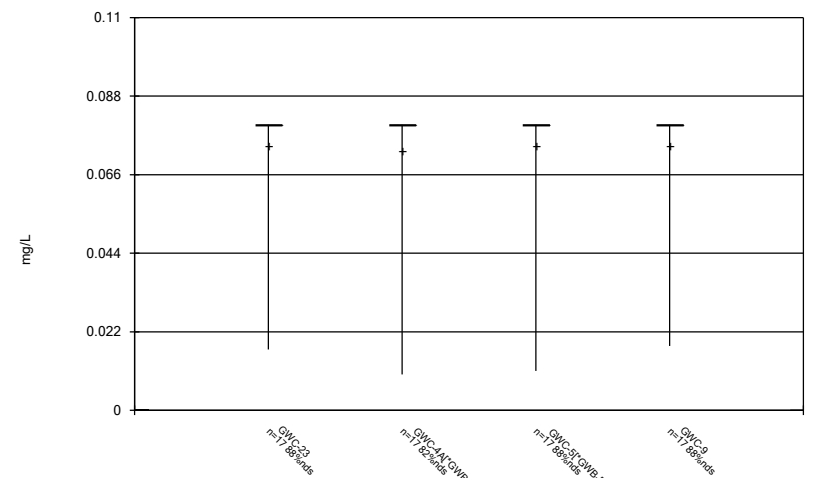
Constituent: Boron Analysis Run 4/27/2021 11:51 AM View: Constituents View
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Box & Whiskers Plot



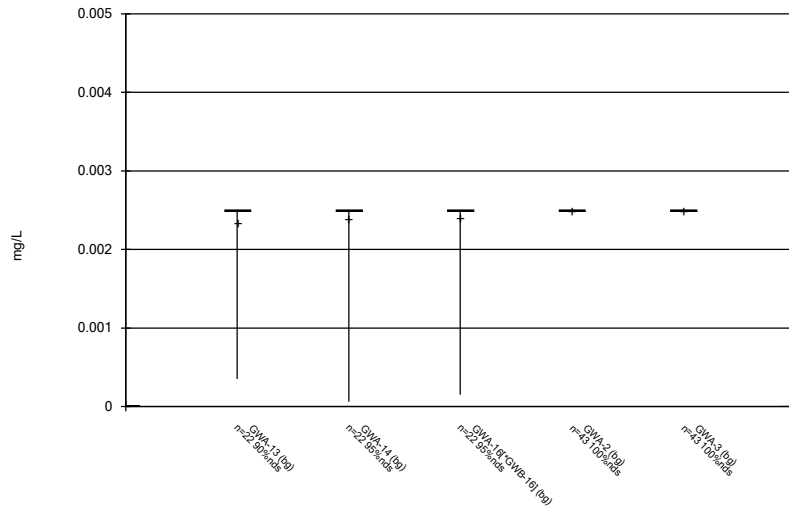
Constituent: Boron Analysis Run 4/27/2021 11:51 AM View: Constituents View
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Box & Whiskers Plot



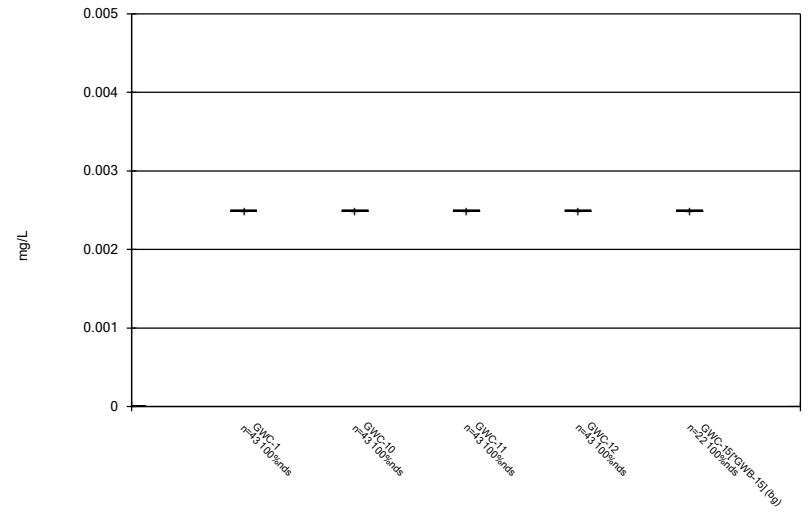
Constituent: Boron Analysis Run 4/27/2021 11:51 AM View: Constituents View
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Box & Whiskers Plot



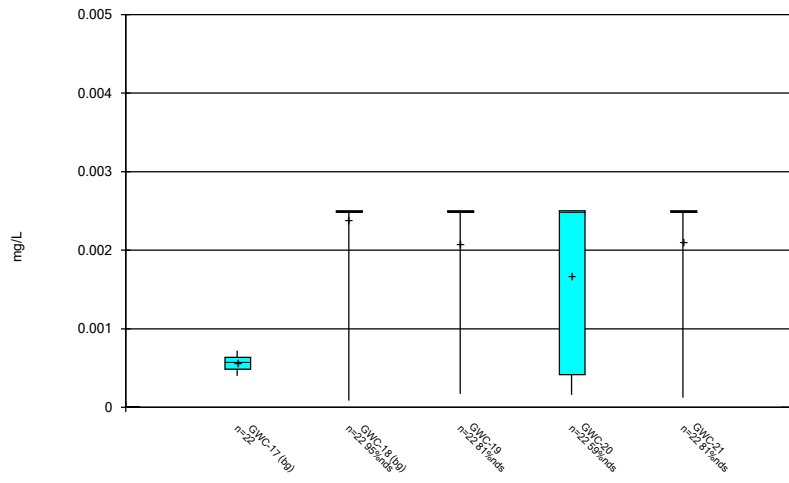
Constituent: Cadmium Analysis Run 4/27/2021 11:51 AM View: Constituents View
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Box & Whiskers Plot



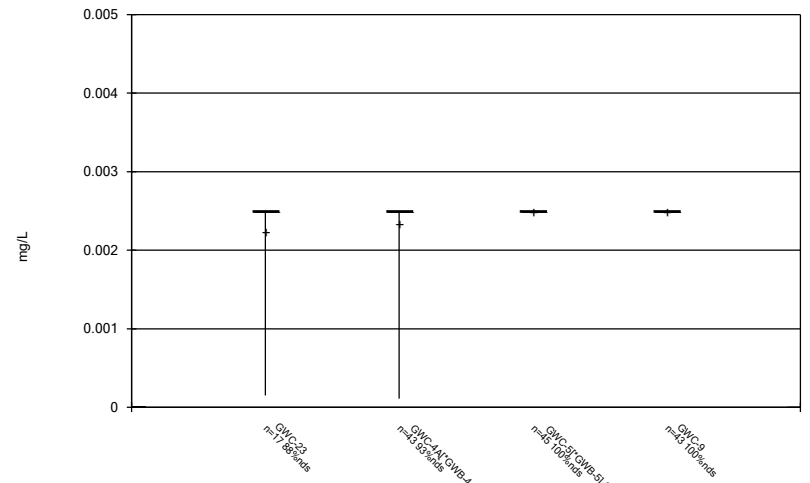
Constituent: Cadmium Analysis Run 4/27/2021 11:51 AM View: Constituents View
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Box & Whiskers Plot



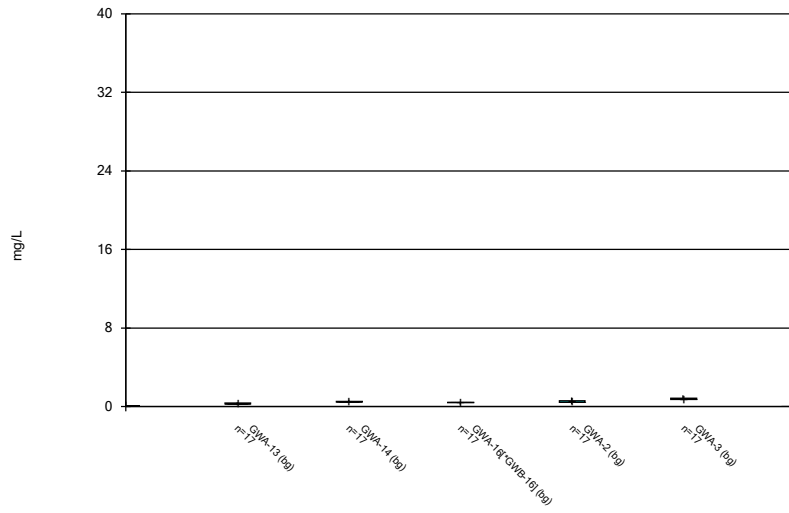
Constituent: Cadmium Analysis Run 4/27/2021 11:51 AM View: Constituents View
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Box & Whiskers Plot



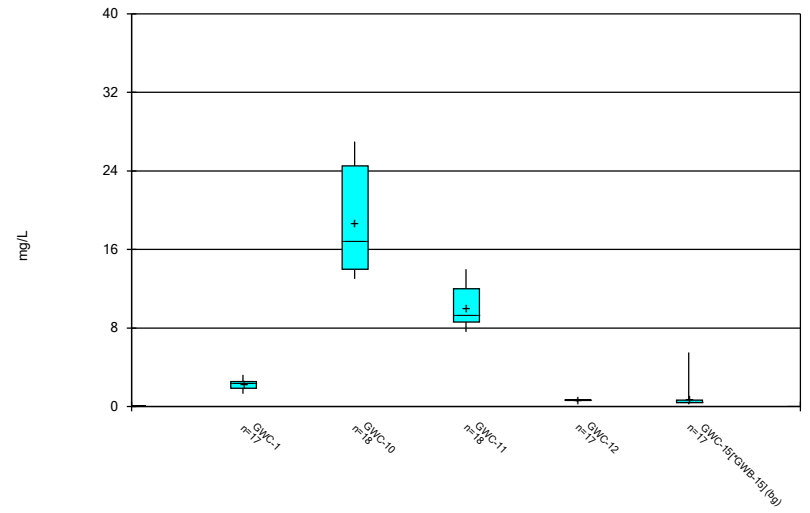
Constituent: Cadmium Analysis Run 4/27/2021 11:51 AM View: Constituents View
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Box & Whiskers Plot



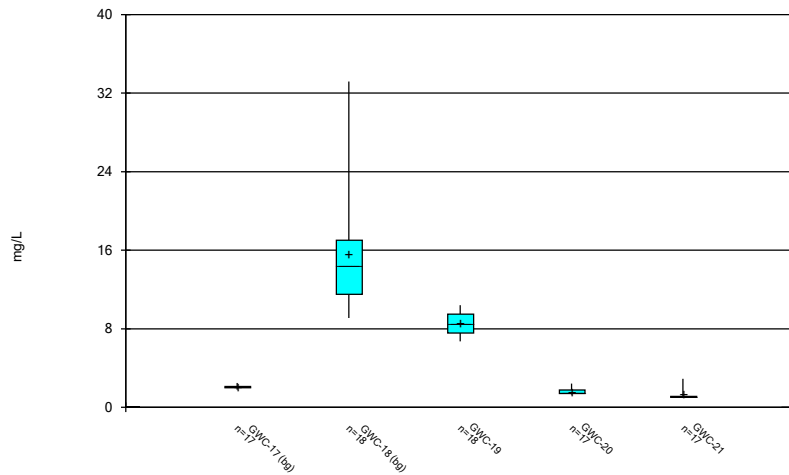
Constituent: Calcium Analysis Run 4/27/2021 11:51 AM View: Constituents View
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Box & Whiskers Plot



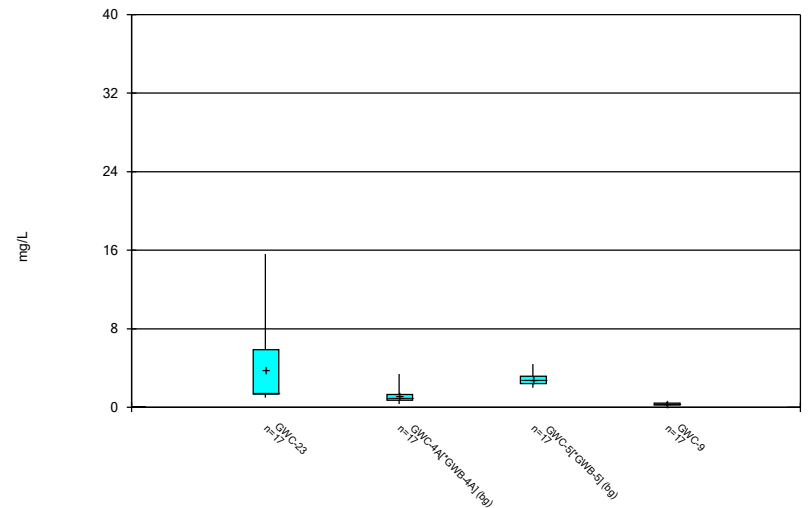
Constituent: Calcium Analysis Run 4/27/2021 11:51 AM View: Constituents View
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Box & Whiskers Plot



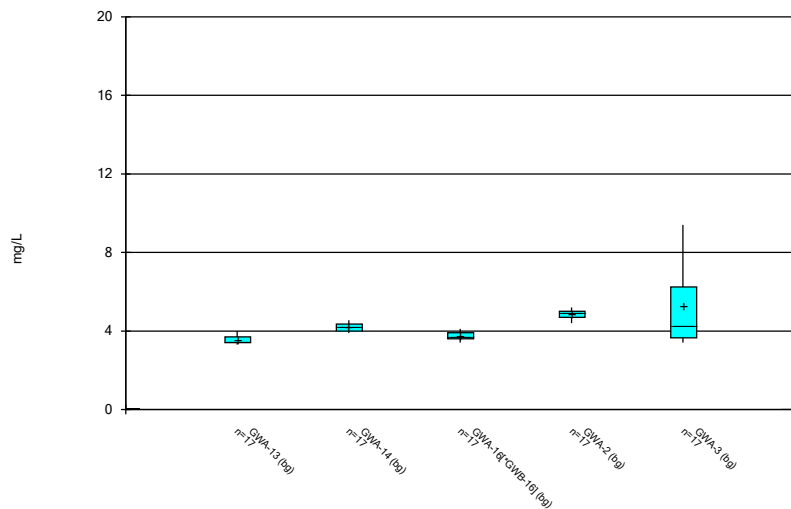
Constituent: Calcium Analysis Run 4/27/2021 11:51 AM View: Constituents View
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Box & Whiskers Plot



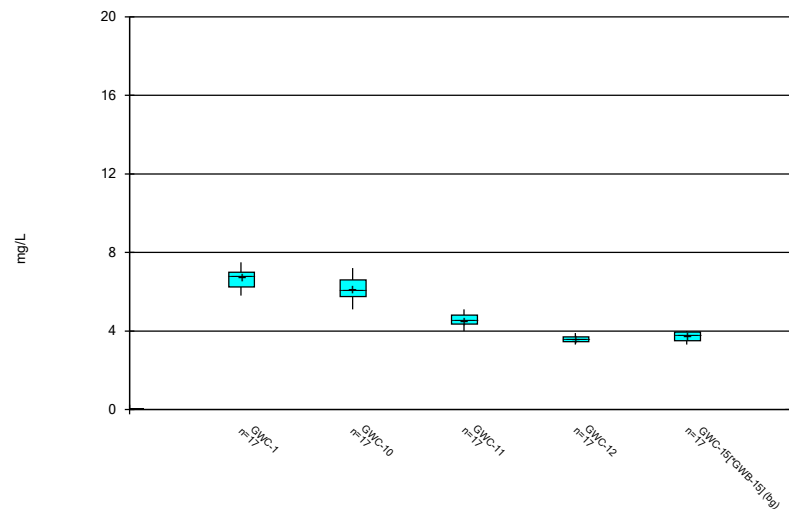
Constituent: Calcium Analysis Run 4/27/2021 11:51 AM View: Constituents View
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Box & Whiskers Plot



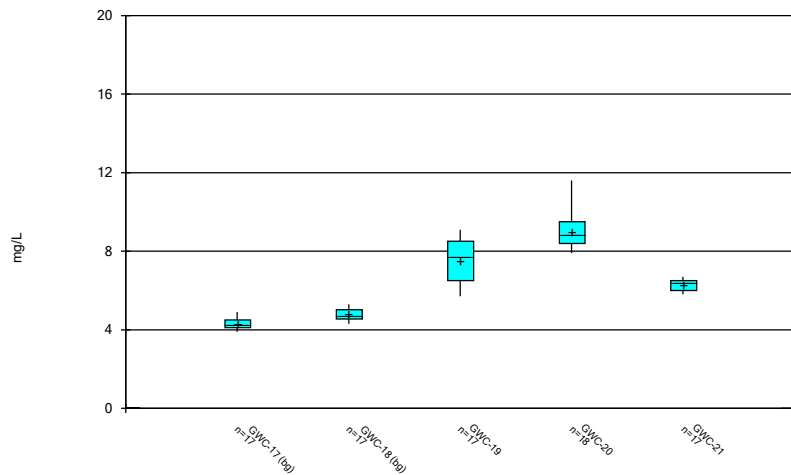
Constituent: Chloride Analysis Run 4/27/2021 11:51 AM View: Constituents View
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Box & Whiskers Plot



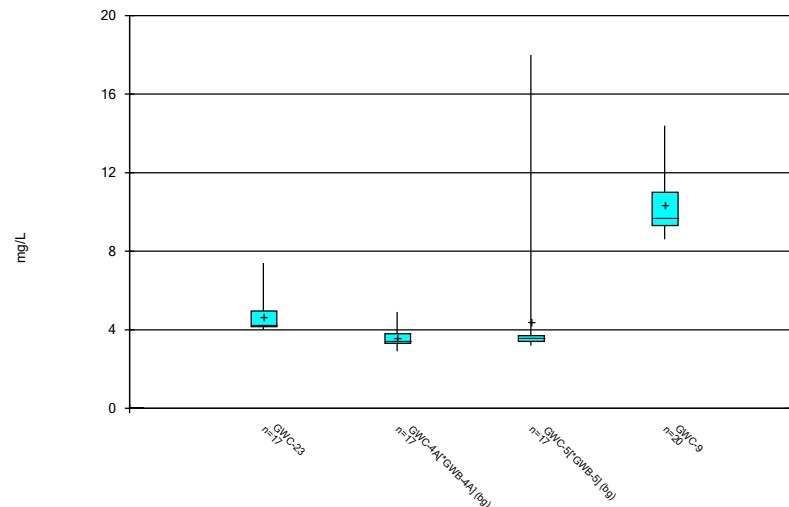
Constituent: Chloride Analysis Run 4/27/2021 11:51 AM View: Constituents View
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Box & Whiskers Plot



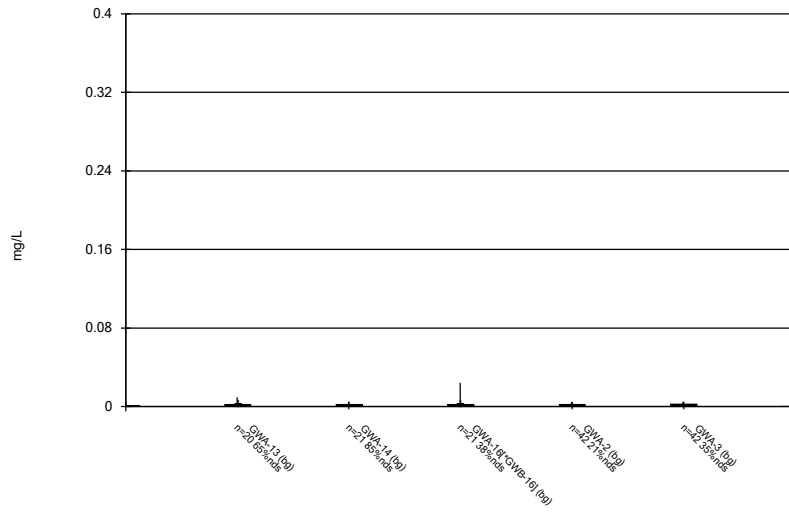
Constituent: Chloride Analysis Run 4/27/2021 11:51 AM View: Constituents View
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Box & Whiskers Plot



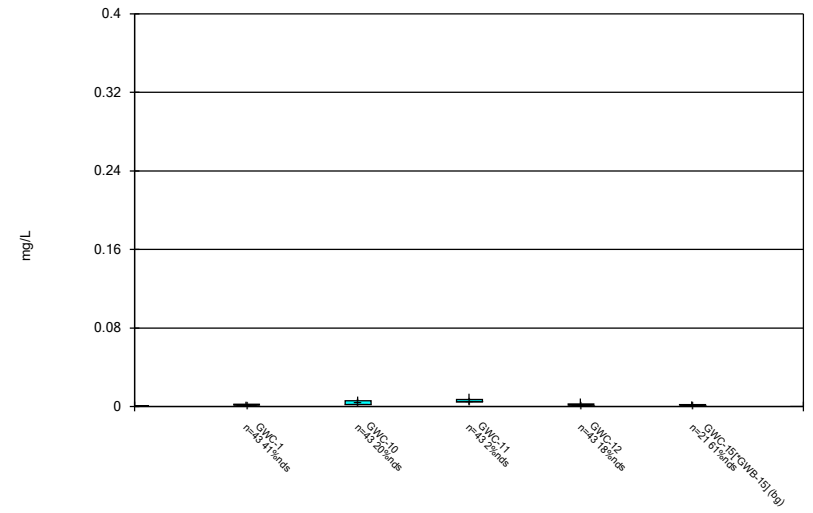
Constituent: Chloride Analysis Run 4/27/2021 11:51 AM View: Constituents View
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Box & Whiskers Plot



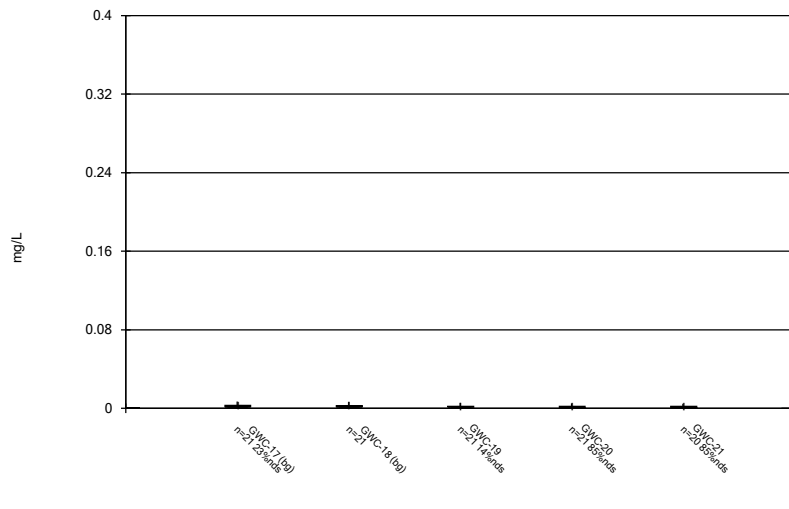
Constituent: Chromium Analysis Run 4/27/2021 11:51 AM View: Constituents View
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Box & Whiskers Plot



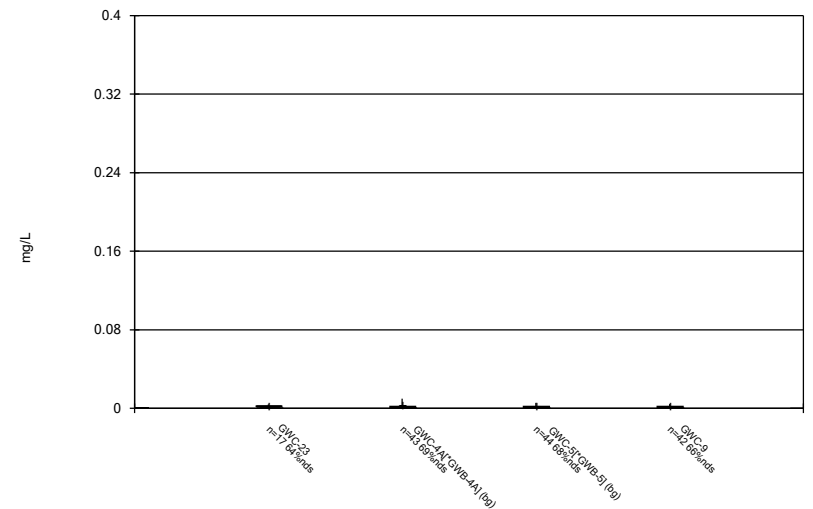
Constituent: Chromium Analysis Run 4/27/2021 11:51 AM View: Constituents View
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Box & Whiskers Plot



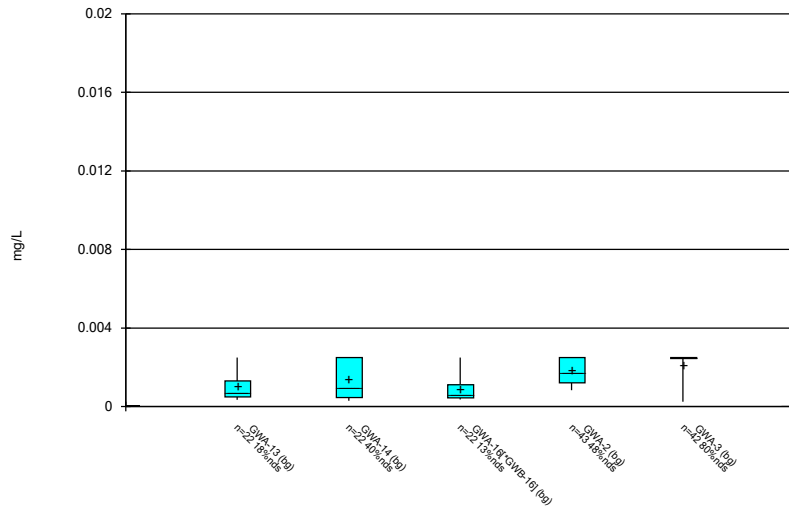
Constituent: Chromium Analysis Run 4/27/2021 11:51 AM View: Constituents View
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Box & Whiskers Plot



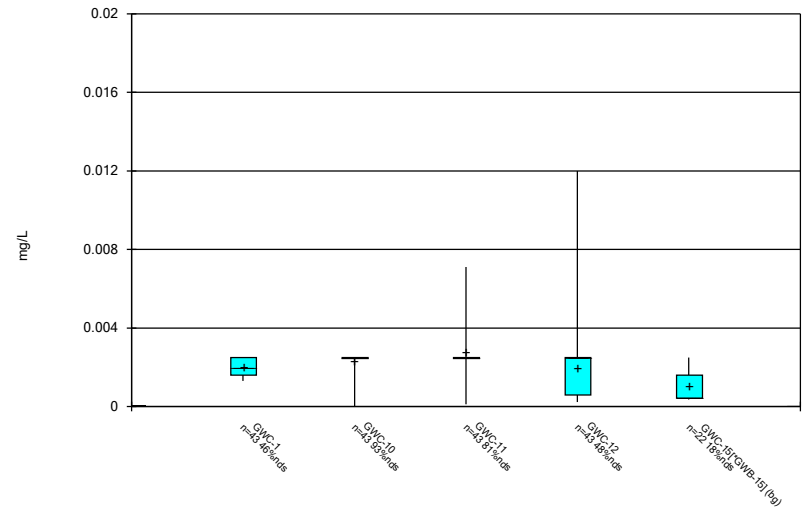
Constituent: Chromium Analysis Run 4/27/2021 11:51 AM View: Constituents View
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Box & Whiskers Plot



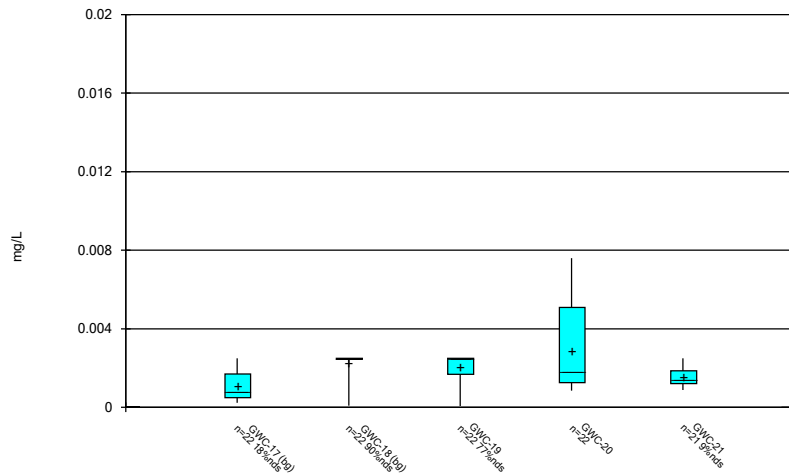
Constituent: Cobalt Analysis Run 4/27/2021 11:51 AM View: Constituents View
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Box & Whiskers Plot



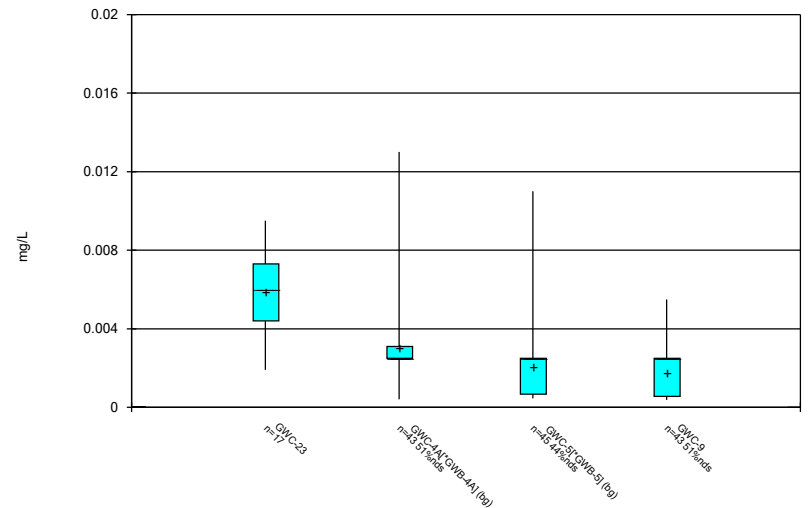
Constituent: Cobalt Analysis Run 4/27/2021 11:51 AM View: Constituents View
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Box & Whiskers Plot



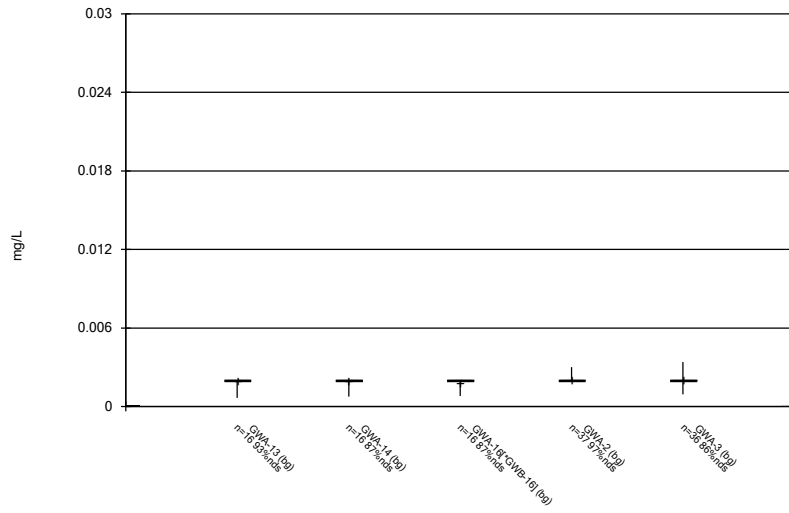
Constituent: Cobalt Analysis Run 4/27/2021 11:51 AM View: Constituents View
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Box & Whiskers Plot



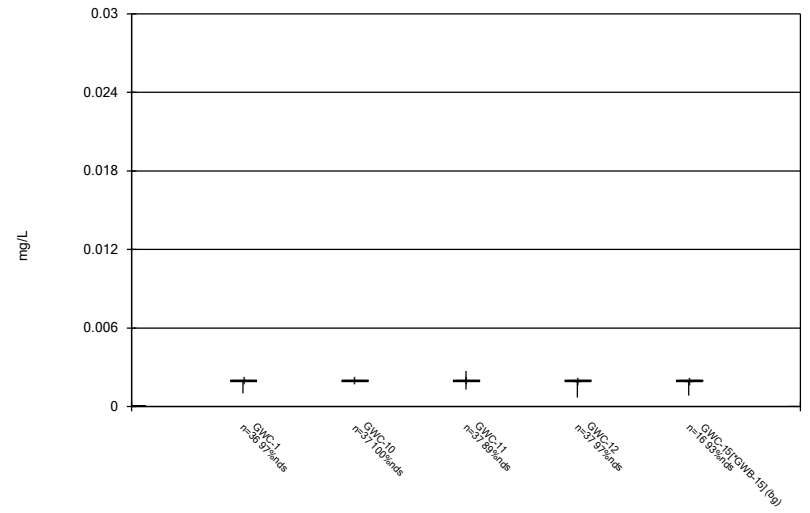
Constituent: Cobalt Analysis Run 4/27/2021 11:51 AM View: Constituents View
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Box & Whiskers Plot



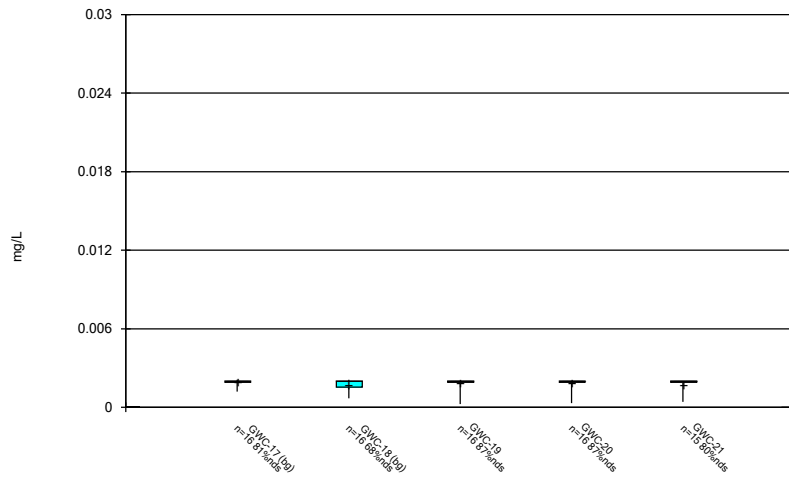
Constituent: Copper Analysis Run 4/27/2021 11:51 AM View: Constituents View
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Box & Whiskers Plot



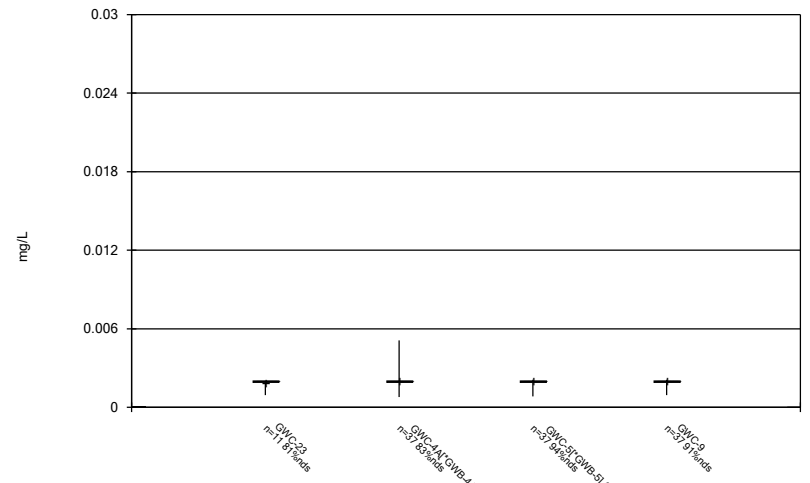
Constituent: Copper Analysis Run 4/27/2021 11:51 AM View: Constituents View
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Box & Whiskers Plot



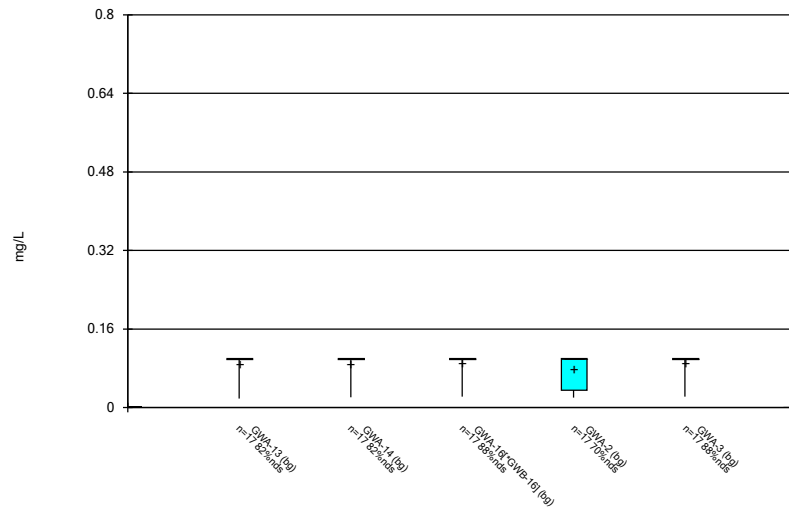
Constituent: Copper Analysis Run 4/27/2021 11:51 AM View: Constituents View
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Box & Whiskers Plot



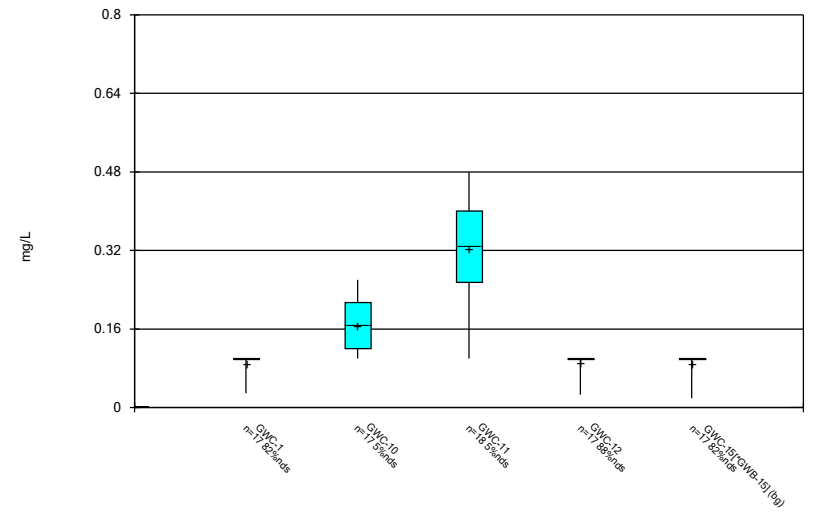
Constituent: Copper Analysis Run 4/27/2021 11:51 AM View: Constituents View
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Box & Whiskers Plot



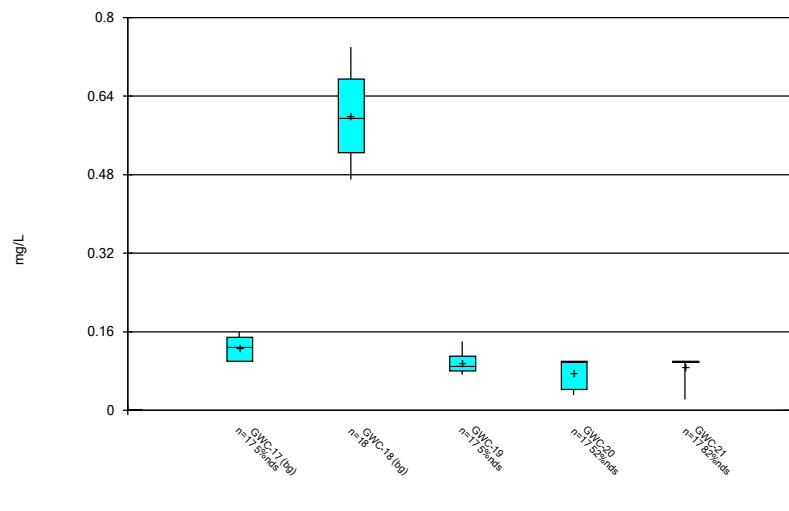
Constituent: Fluoride Analysis Run 4/27/2021 11:52 AM View: Constituents View
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Box & Whiskers Plot



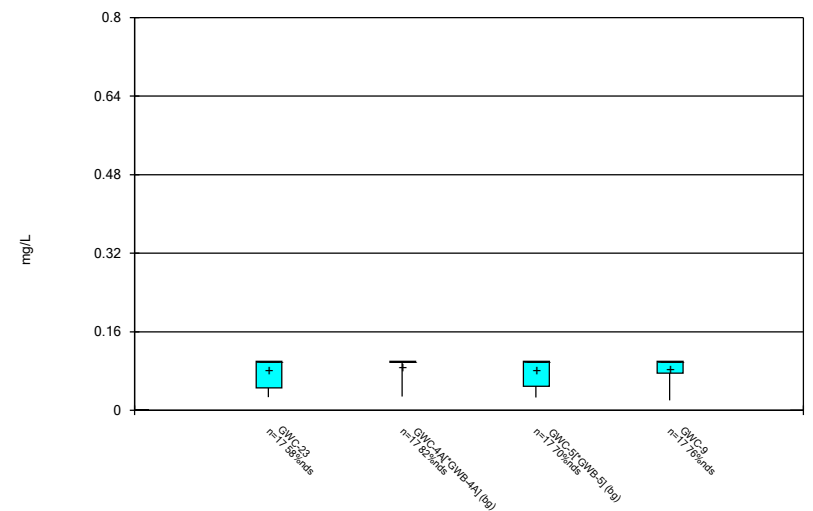
Constituent: Fluoride Analysis Run 4/27/2021 11:52 AM View: Constituents View
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Box & Whiskers Plot



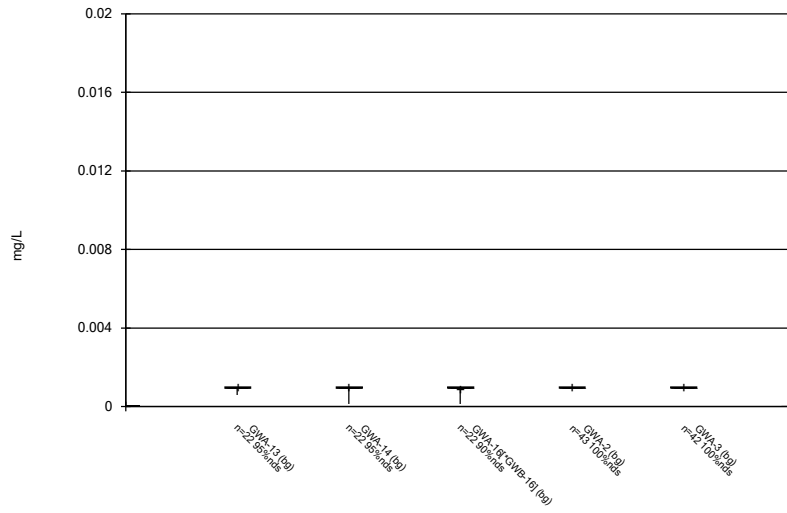
Constituent: Fluoride Analysis Run 4/27/2021 11:52 AM View: Constituents View
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Box & Whiskers Plot



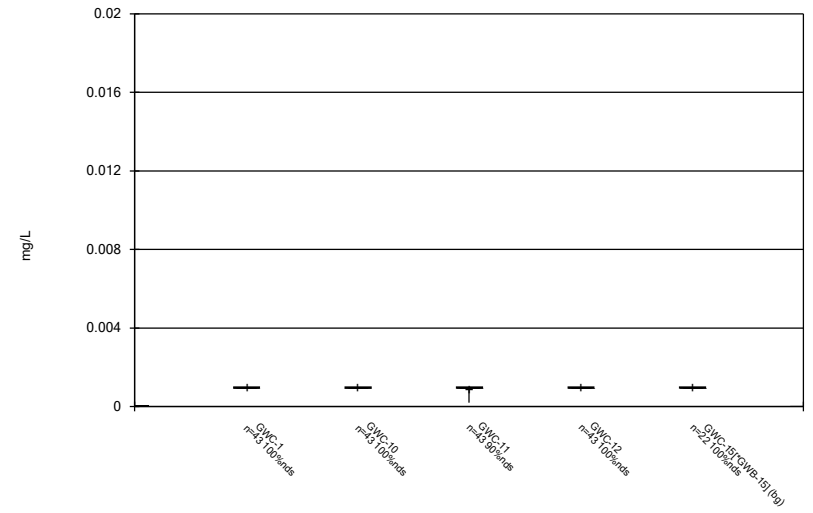
Constituent: Fluoride Analysis Run 4/27/2021 11:52 AM View: Constituents View
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Box & Whiskers Plot



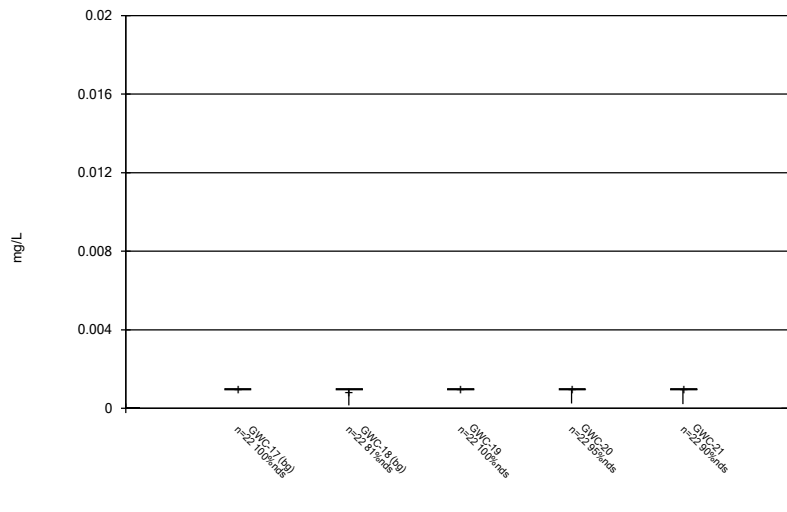
Constituent: Lead Analysis Run 4/27/2021 11:52 AM View: Constituents View
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Box & Whiskers Plot



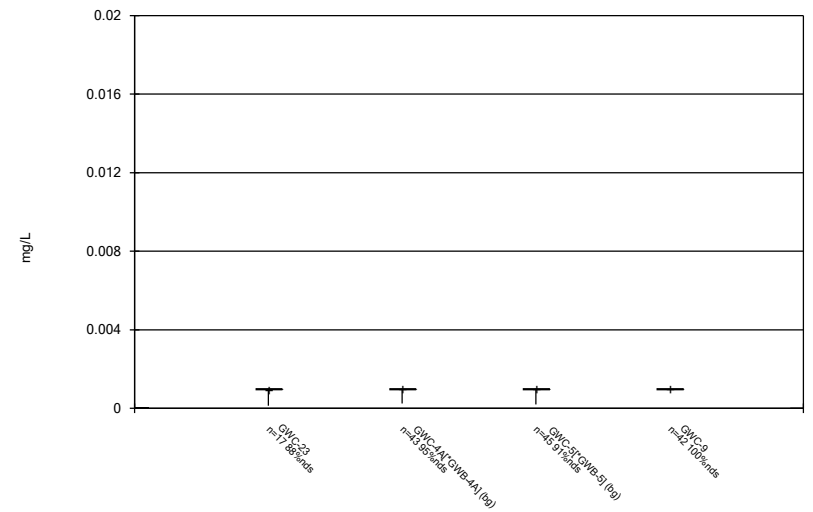
Constituent: Lead Analysis Run 4/27/2021 11:52 AM View: Constituents View
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Box & Whiskers Plot



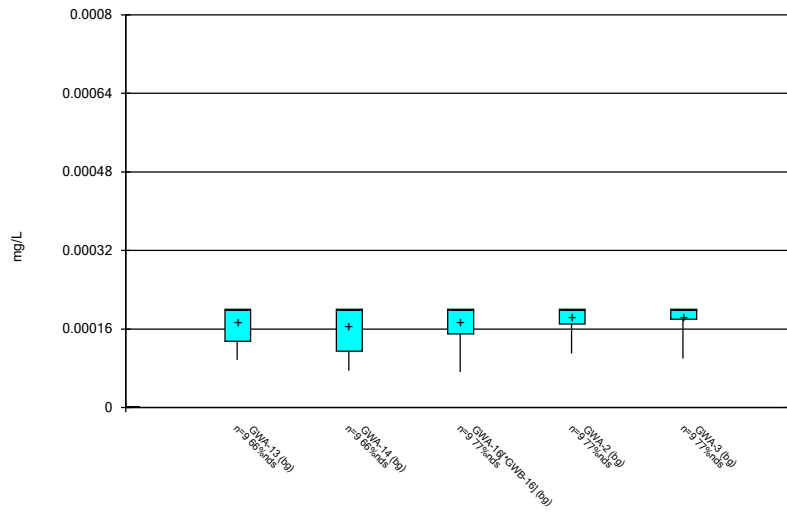
Constituent: Lead Analysis Run 4/27/2021 11:52 AM View: Constituents View
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Box & Whiskers Plot



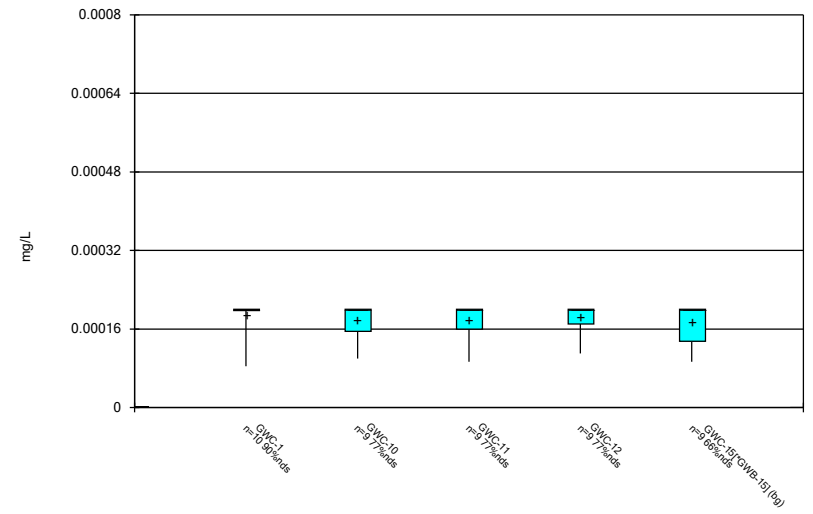
Constituent: Lead Analysis Run 4/27/2021 11:52 AM View: Constituents View
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Box & Whiskers Plot



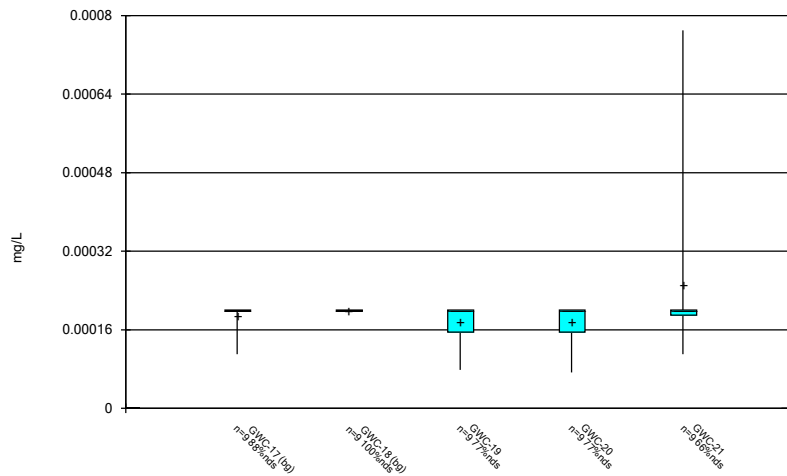
Constituent: Mercury Analysis Run 4/27/2021 11:52 AM View: Constituents View
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Box & Whiskers Plot



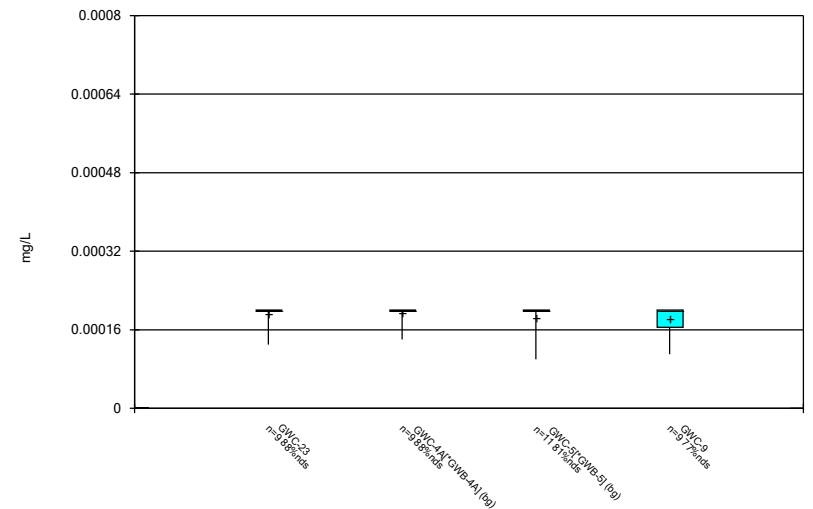
Constituent: Mercury Analysis Run 4/27/2021 11:52 AM View: Constituents View
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Box & Whiskers Plot



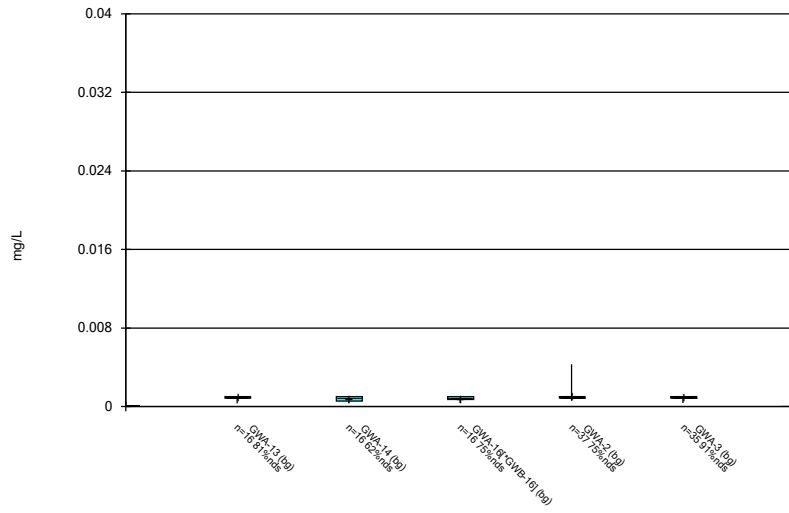
Constituent: Mercury Analysis Run 4/27/2021 11:52 AM View: Constituents View
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Box & Whiskers Plot



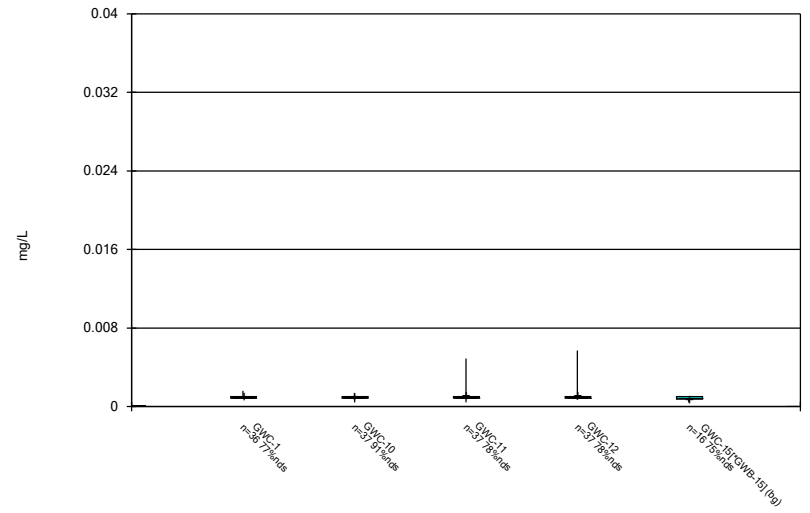
Constituent: Mercury Analysis Run 4/27/2021 11:52 AM View: Constituents View
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Box & Whiskers Plot



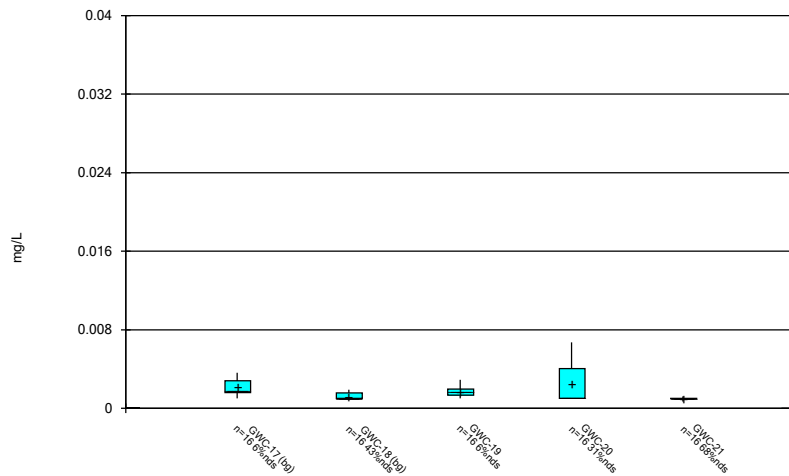
Constituent: Nickel Analysis Run 4/27/2021 11:52 AM View: Constituents View
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Box & Whiskers Plot



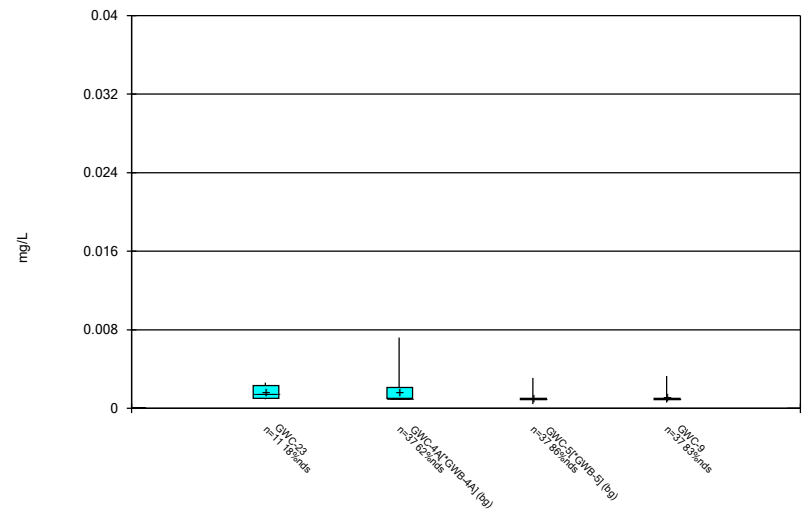
Constituent: Nickel Analysis Run 4/27/2021 11:52 AM View: Constituents View
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Box & Whiskers Plot



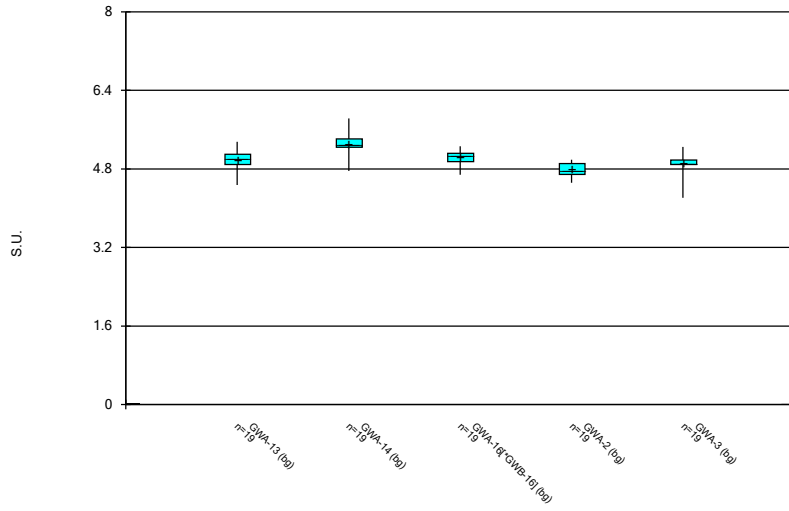
Constituent: Nickel Analysis Run 4/27/2021 11:52 AM View: Constituents View
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Box & Whiskers Plot



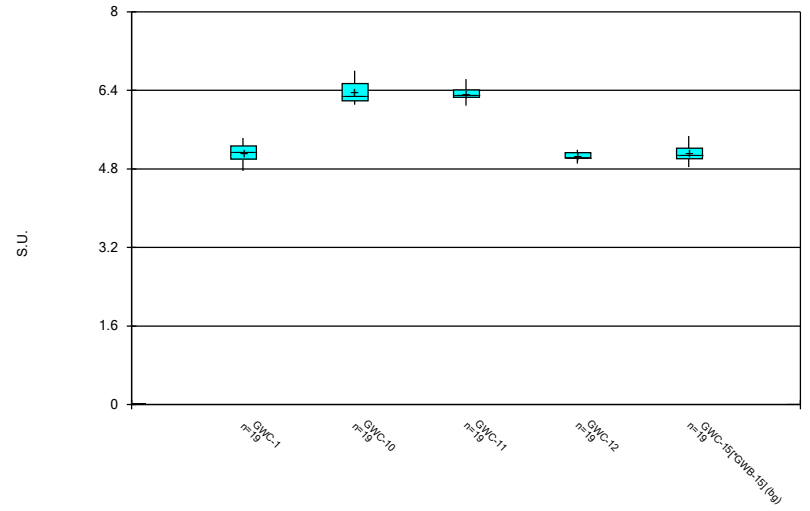
Constituent: Nickel Analysis Run 4/27/2021 11:52 AM View: Constituents View
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Box & Whiskers Plot



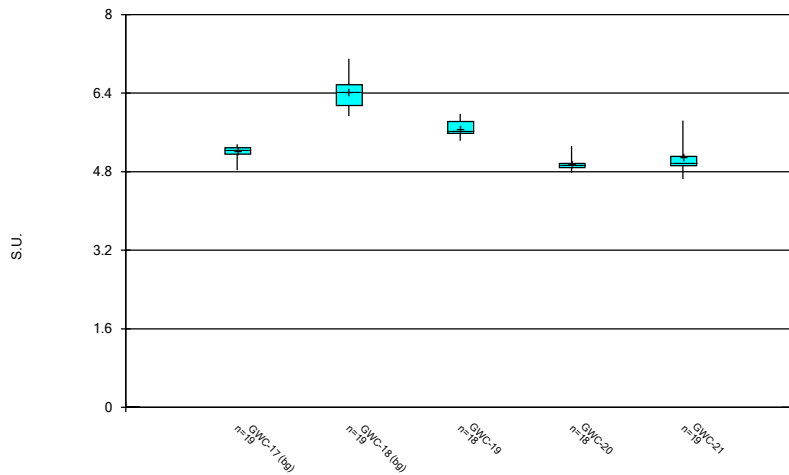
Constituent: pH Analysis Run 4/27/2021 11:52 AM View: Constituents View
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Box & Whiskers Plot



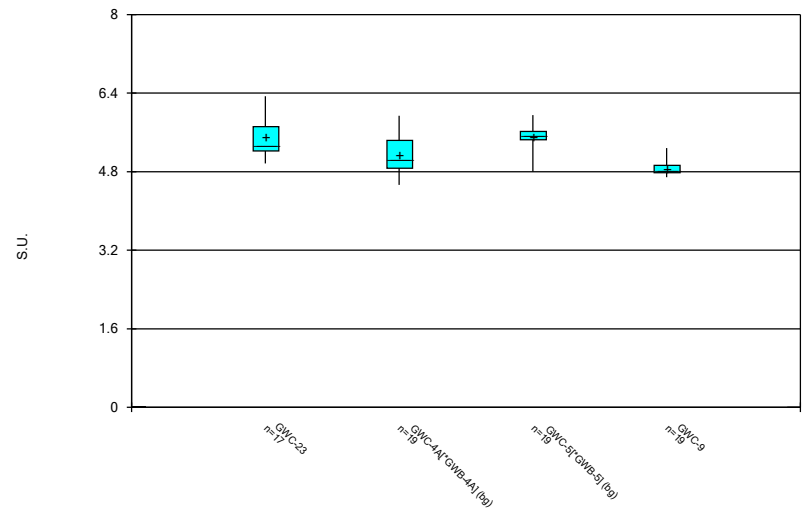
Constituent: pH Analysis Run 4/27/2021 11:52 AM View: Constituents View
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Box & Whiskers Plot



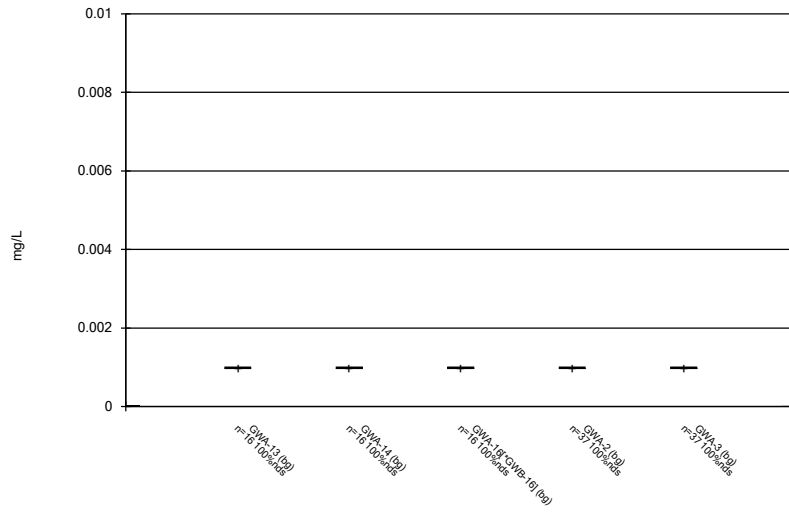
Constituent: pH Analysis Run 4/27/2021 11:52 AM View: Constituents View
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Box & Whiskers Plot



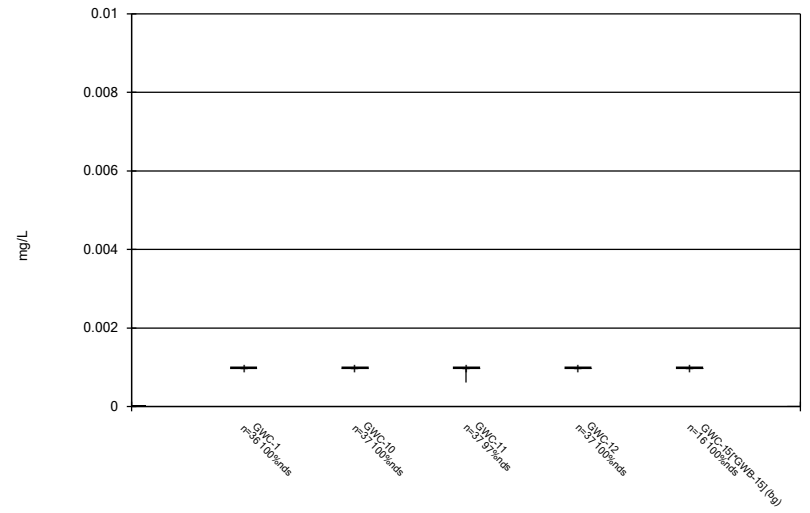
Constituent: pH Analysis Run 4/27/2021 11:52 AM View: Constituents View
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Box & Whiskers Plot



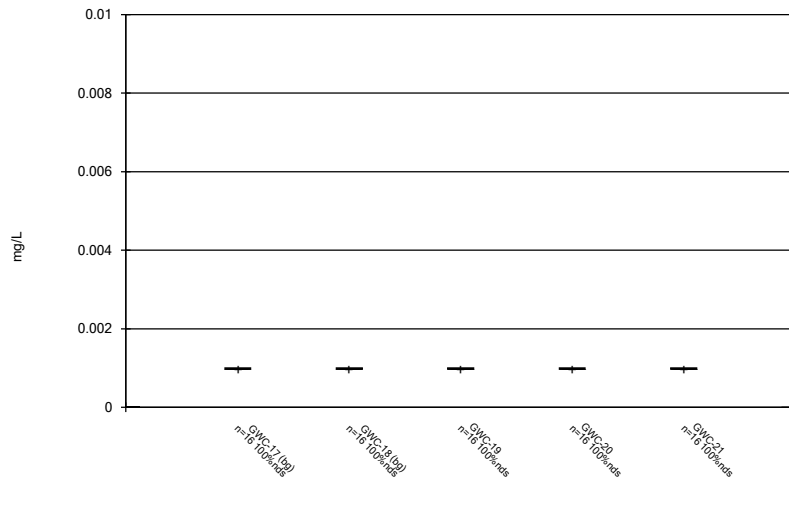
Constituent: Silver Analysis Run 4/27/2021 11:52 AM View: Constituents View
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Box & Whiskers Plot



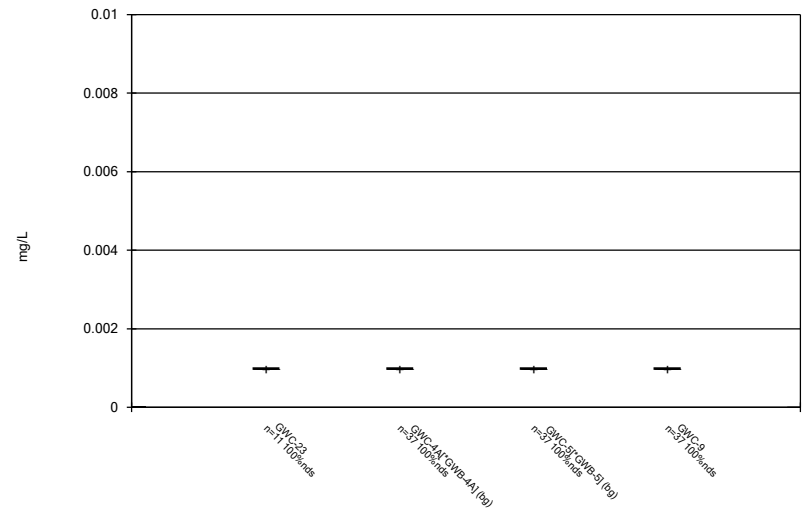
Constituent: Silver Analysis Run 4/27/2021 11:52 AM View: Constituents View
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Box & Whiskers Plot



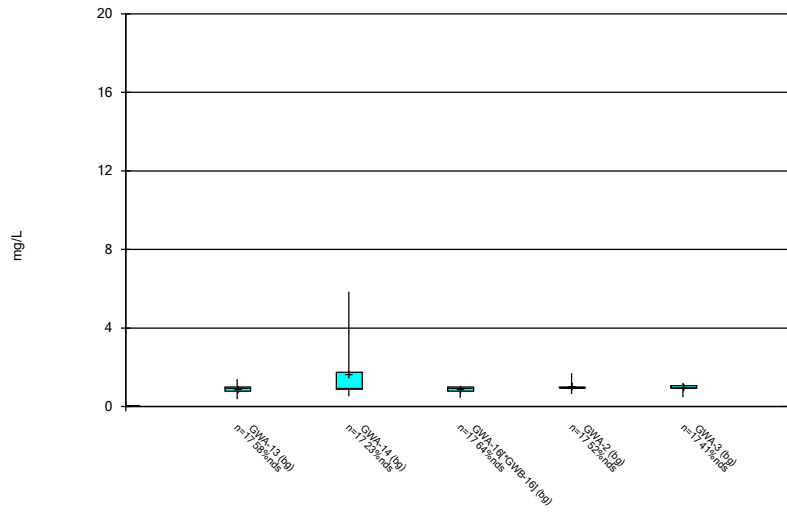
Constituent: Silver Analysis Run 4/27/2021 11:52 AM View: Constituents View
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Box & Whiskers Plot



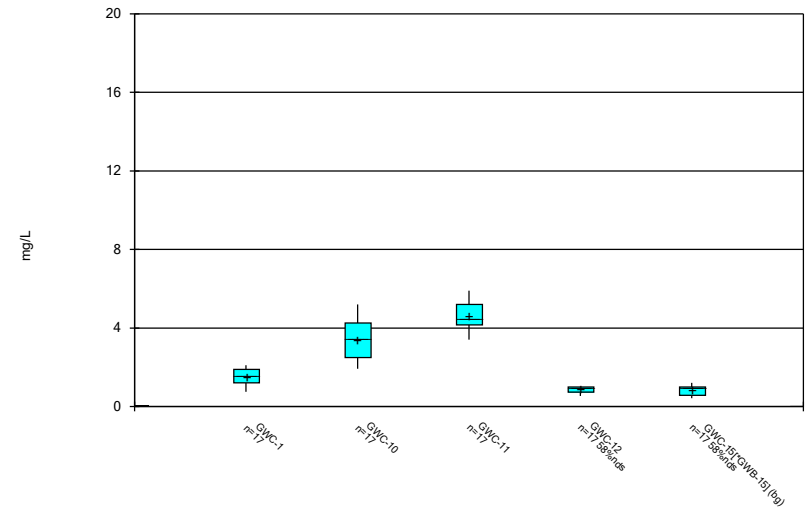
Constituent: Silver Analysis Run 4/27/2021 11:52 AM View: Constituents View
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Box & Whiskers Plot



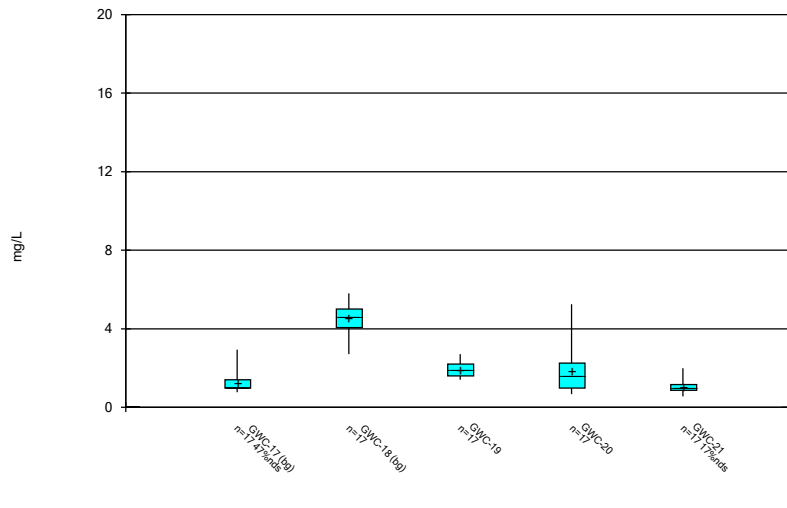
Constituent: Sulfate Analysis Run 4/27/2021 11:52 AM View: Constituents View
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Box & Whiskers Plot



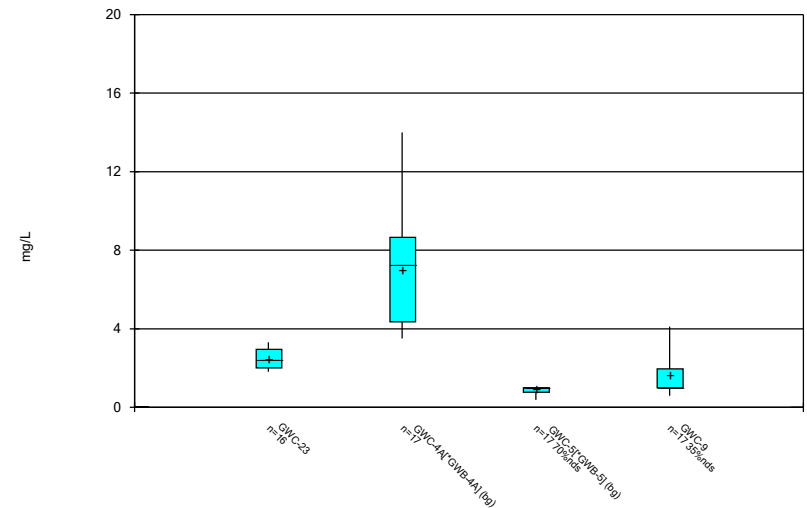
Constituent: Sulfate Analysis Run 4/27/2021 11:52 AM View: Constituents View
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Box & Whiskers Plot



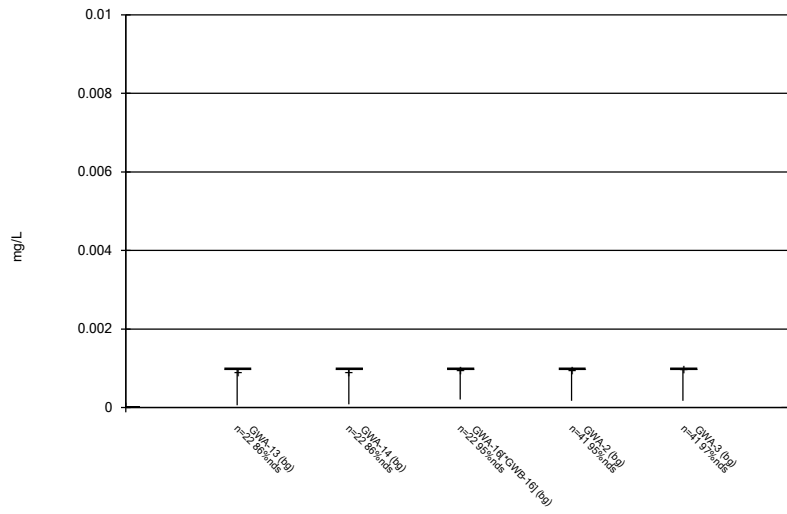
Constituent: Sulfate Analysis Run 4/27/2021 11:52 AM View: Constituents View
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Box & Whiskers Plot



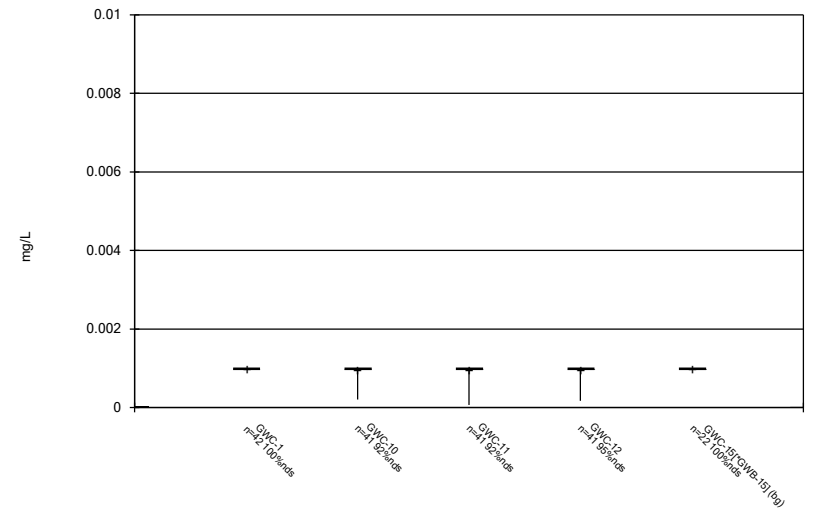
Constituent: Sulfate Analysis Run 4/27/2021 11:52 AM View: Constituents View
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Box & Whiskers Plot



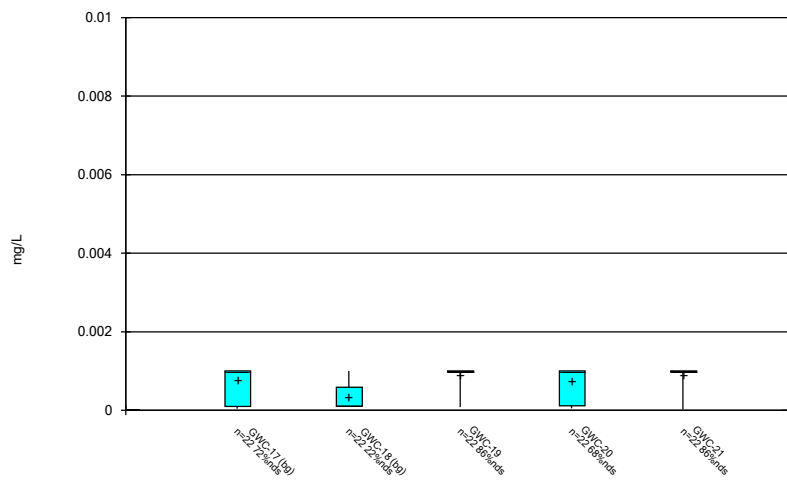
Constituent: Thallium Analysis Run 4/27/2021 11:52 AM View: Constituents View
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Box & Whiskers Plot



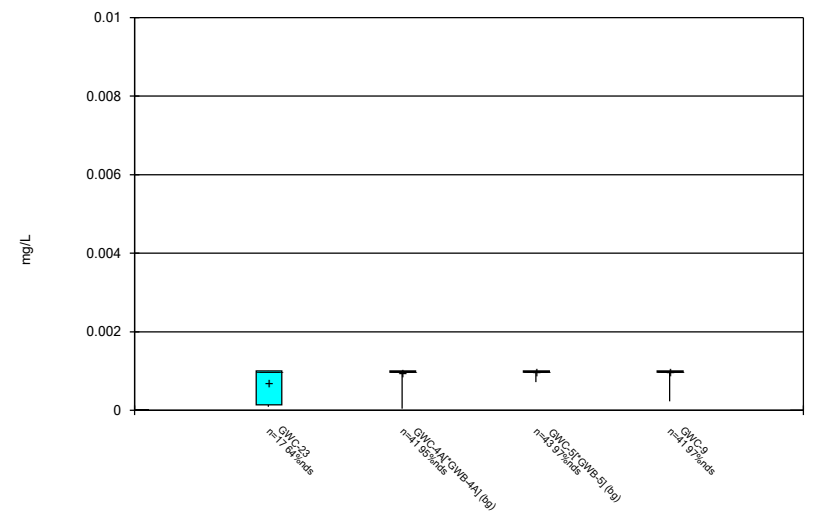
Constituent: Thallium Analysis Run 4/27/2021 11:52 AM View: Constituents View
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Box & Whiskers Plot



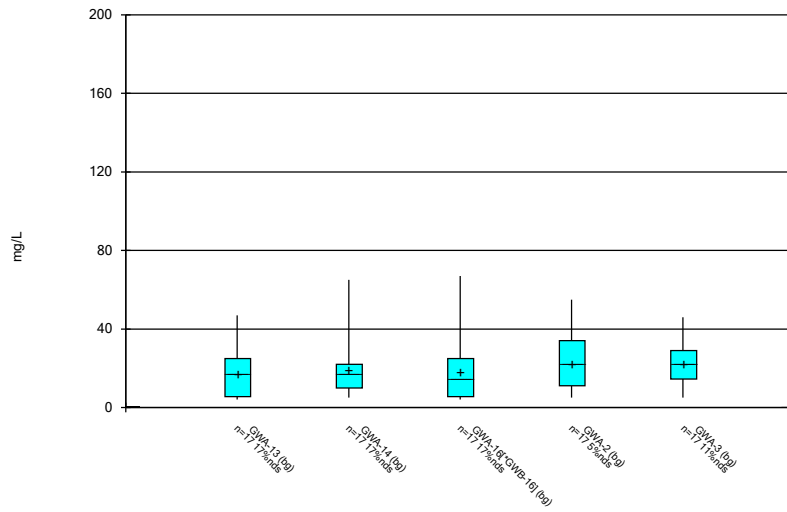
Constituent: Thallium Analysis Run 4/27/2021 11:52 AM View: Constituents View
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Box & Whiskers Plot



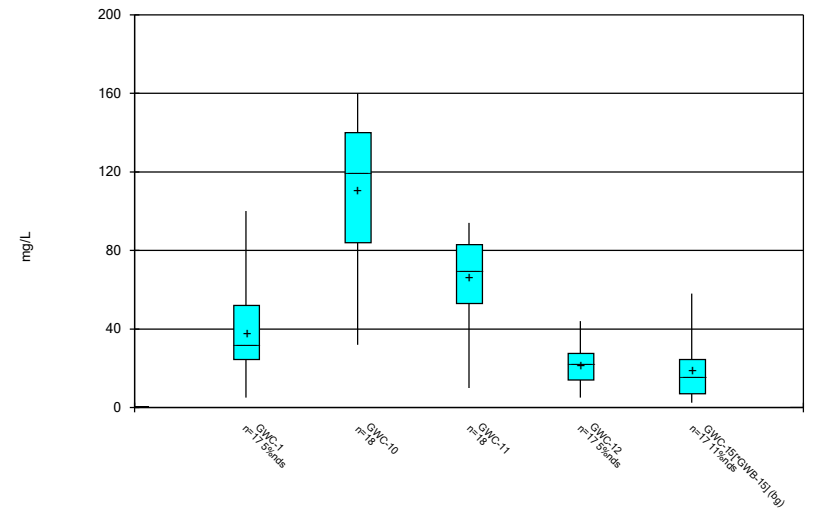
Constituent: Thallium Analysis Run 4/27/2021 11:52 AM View: Constituents View
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Box & Whiskers Plot



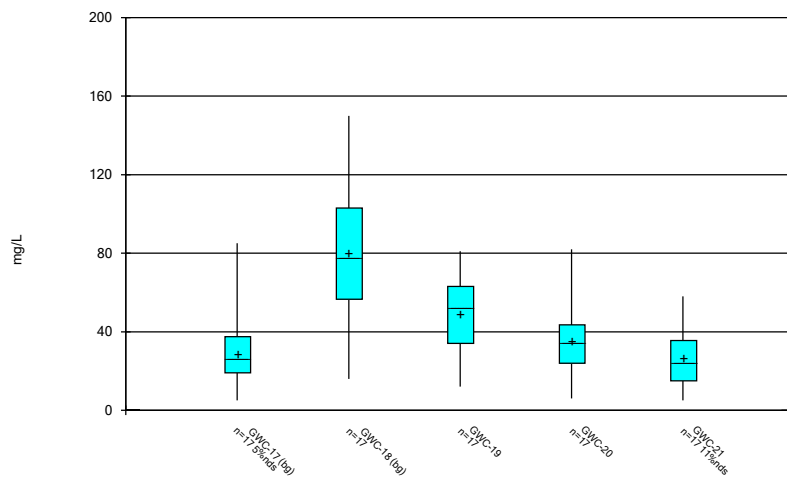
Constituent: Total Dissolved Solids Analysis Run 4/27/2021 11:52 AM View: Constituents View
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Box & Whiskers Plot



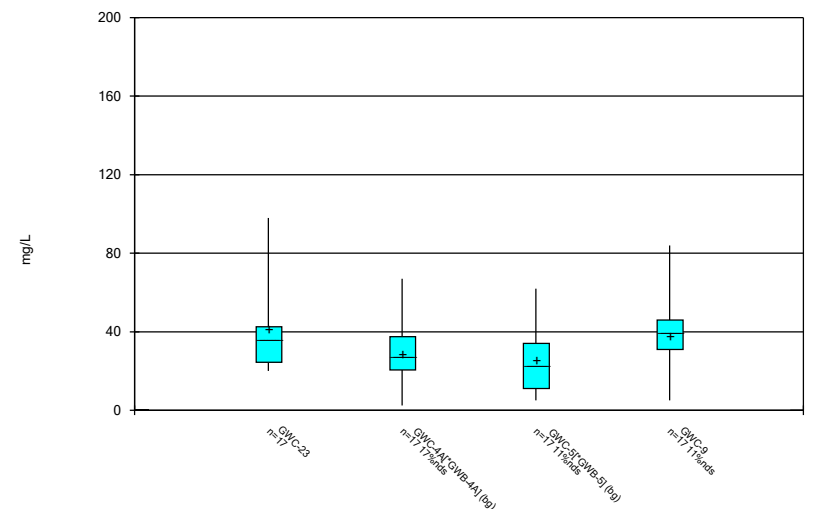
Constituent: Total Dissolved Solids Analysis Run 4/27/2021 11:52 AM View: Constituents View
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Box & Whiskers Plot



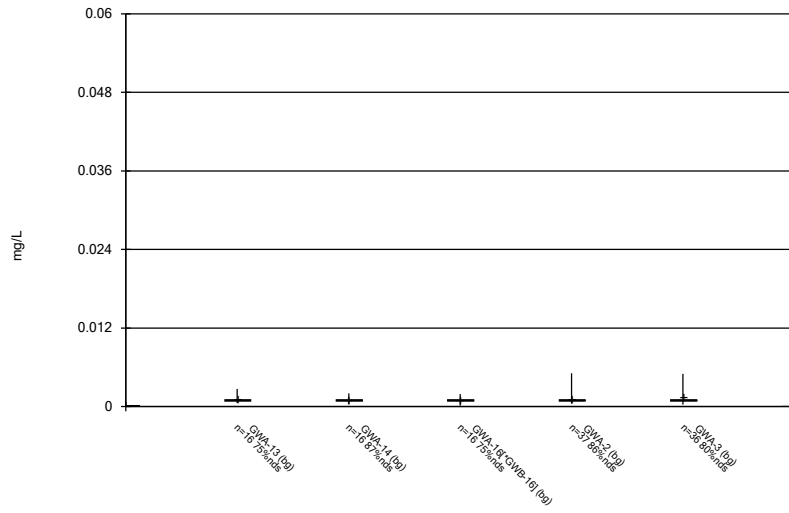
Constituent: Total Dissolved Solids Analysis Run 4/27/2021 11:52 AM View: Constituents View
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Box & Whiskers Plot



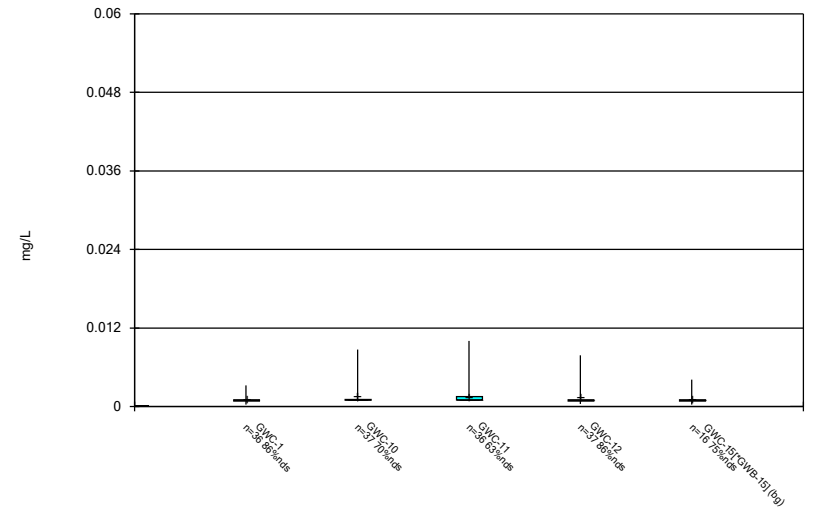
Constituent: Total Dissolved Solids Analysis Run 4/27/2021 11:52 AM View: Constituents View
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Box & Whiskers Plot



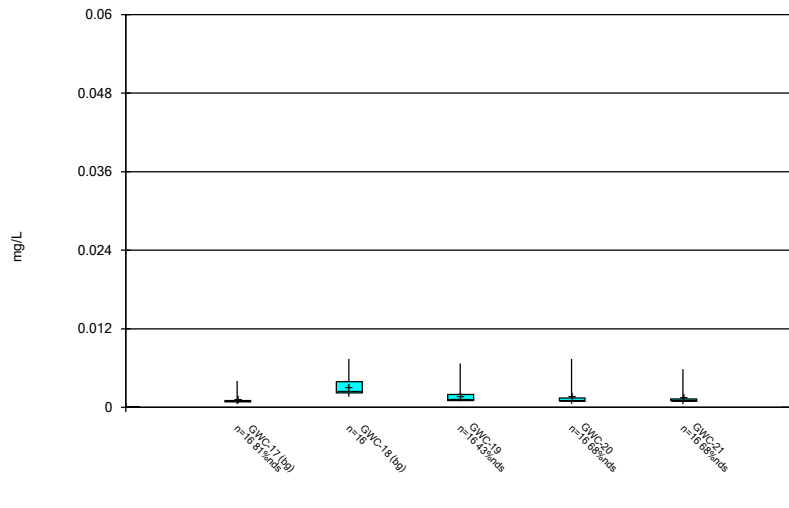
Constituent: Vanadium Analysis Run 4/27/2021 11:52 AM View: Constituents View
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Box & Whiskers Plot



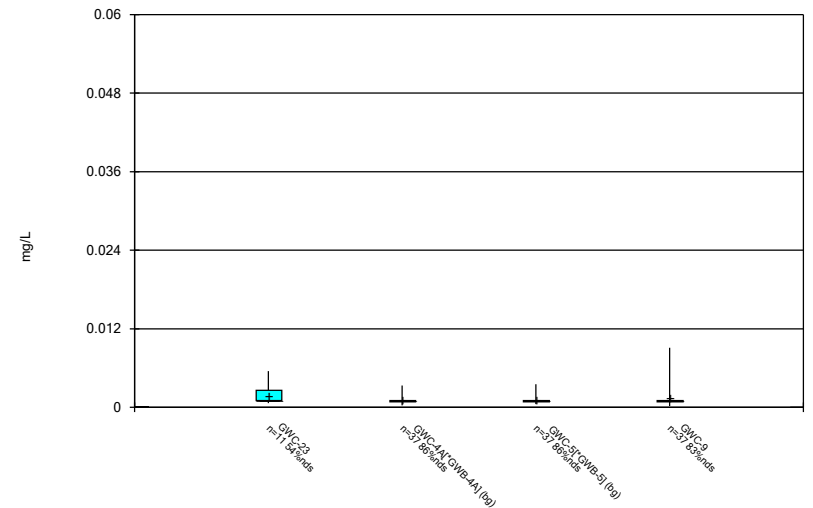
Constituent: Vanadium Analysis Run 4/27/2021 11:52 AM View: Constituents View
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Box & Whiskers Plot



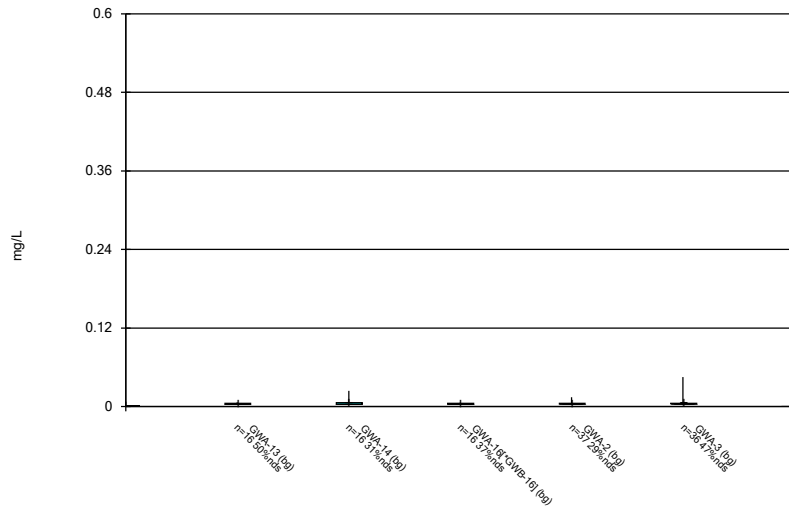
Constituent: Vanadium Analysis Run 4/27/2021 11:52 AM View: Constituents View
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Box & Whiskers Plot



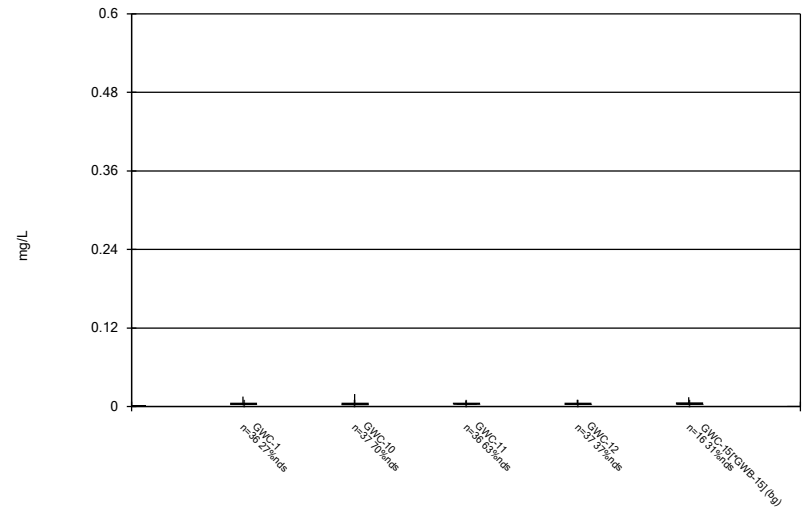
Constituent: Vanadium Analysis Run 4/27/2021 11:52 AM View: Constituents View
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Box & Whiskers Plot



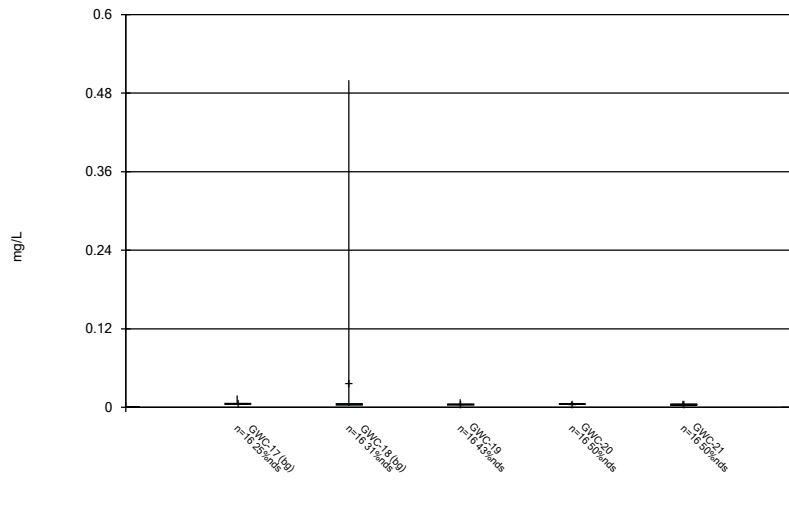
Constituent: Zinc Analysis Run 4/27/2021 11:52 AM View: Constituents View
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Box & Whiskers Plot



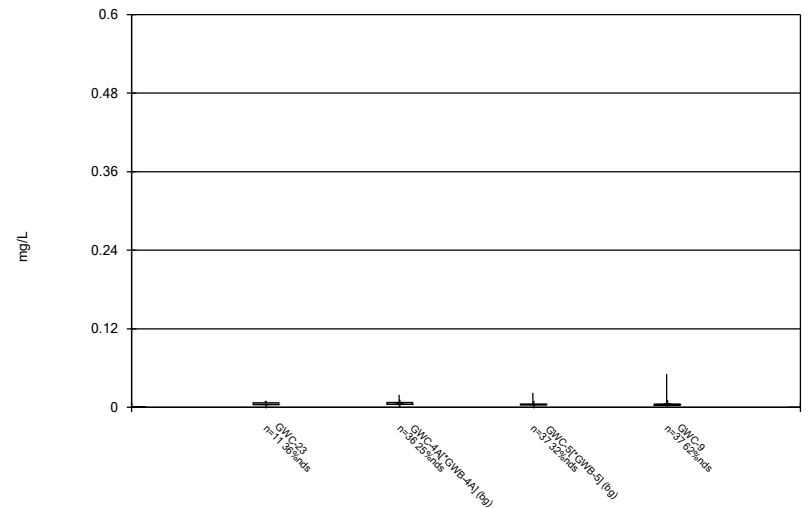
Constituent: Zinc Analysis Run 4/27/2021 11:52 AM View: Constituents View
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Box & Whiskers Plot



Constituent: Zinc Analysis Run 4/27/2021 11:52 AM View: Constituents View
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Box & Whiskers Plot



Constituent: Zinc Analysis Run 4/27/2021 11:52 AM View: Constituents View
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

FIGURE C.

FIGURE D.

Appendix I Intrawell Prediction Limit - Significant Results

Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR Printed 4/28/2021, 3:44 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Barium (mg/L)	GWA-13	0.01736	n/a	3/16/2021	0.018	Yes	16	0.001248	0	None	No	0.0003901	Param Intra 1 of 3
Barium (mg/L)	GWC-9	0.03144	n/a	3/17/2021	0.041	Yes	37	0.004605	0	None	No	0.0003901	Param Intra 1 of 3
Chromium (mg/L)	GWC-23	0.0025	n/a	3/17/2021	0.0027	Yes	11	n/a	81.82	n/a	n/a	0.002806	NP Intra (NDs) 1 of 3

Appendix I IntraWell Prediction Limit - All Results

Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR Printed 4/28/2021, 3:44 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Antimony (mg/L)	GWA-13	0.002	n/a	3/16/2021	0.002ND	No	16	n/a	100	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3
Antimony (mg/L)	GWA-14	0.002	n/a	3/16/2021	0.002ND	No	16	n/a	100	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3
Antimony (mg/L)	GWA-2	0.002	n/a	3/16/2021	0.002ND	No	37	n/a	100	n/a	n/a	0.0001035	NP Intra (NDs) 1 of 3
Antimony (mg/L)	GWA-3	0.0022	n/a	3/16/2021	0.002ND	No	37	n/a	97.3	n/a	n/a	0.0001035	NP Intra (NDs) 1 of 3
Antimony (mg/L)	GWC-18	0.002	n/a	3/17/2021	0.002ND	No	16	n/a	93.75	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3
Arsenic (mg/L)	GWA-13	0.001	n/a	3/16/2021	0.001ND	No	16	n/a	100	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3
Arsenic (mg/L)	GWA-14	0.001	n/a	3/16/2021	0.001ND	No	16	n/a	100	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3
Arsenic (mg/L)	GWA-16[*GWB-16]	0.001	n/a	3/16/2021	0.001ND	No	16	n/a	100	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3
Arsenic (mg/L)	GWA-3	0.001	n/a	3/16/2021	0.001ND	No	36	n/a	94.44	n/a	n/a	0.000111	NP Intra (NDs) 1 of 3
Arsenic (mg/L)	GWC-10	0.0013	n/a	3/16/2021	0.00069J	No	37	n/a	91.89	n/a	n/a	0.0001035	NP Intra (NDs) 1 of 3
Arsenic (mg/L)	GWC-11	0.005	n/a	3/17/2021	0.0014	No	37	n/a	70.27	n/a	n/a	0.0001035	NP Intra (NDs) 1 of 3
Arsenic (mg/L)	GWC-12	0.001	n/a	3/16/2021	0.001ND	No	37	n/a	94.59	n/a	n/a	0.0001035	NP Intra (NDs) 1 of 3
Arsenic (mg/L)	GWC-15[*GWB-15]	0.001	n/a	3/17/2021	0.001ND	No	16	n/a	93.75	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3
Arsenic (mg/L)	GWC-17	0.001	n/a	3/16/2021	0.001ND	No	16	n/a	87.5	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3
Arsenic (mg/L)	GWC-18	0.001229	n/a	3/17/2021	0.00072J	No	16	0.0002231	31.25	Kaplan-Meier	No	0.0003901	Param Intra 1 of 3
Arsenic (mg/L)	GWC-19	0.001	n/a	3/16/2021	0.001ND	No	16	n/a	87.5	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3
Arsenic (mg/L)	GWC-20	0.001	n/a	3/16/2021	0.001ND	No	16	n/a	87.5	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3
Arsenic (mg/L)	GWC-21	0.0022	n/a	3/17/2021	0.001ND	No	16	n/a	75	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3
Arsenic (mg/L)	GWC-23	0.001734	n/a	3/17/2021	0.001ND	No	11	0.006873	45.45	Kaplan-Meier	sqrt(x)	0.0003901	Param Intra 1 of 3
Arsenic (mg/L)	GWC-4A[*GWB-4A]	0.0027	n/a	3/17/2021	0.001ND	No	37	n/a	75.68	n/a	n/a	0.0001035	NP Intra (NDs) 1 of 3
Arsenic (mg/L)	GWC-5[*GWB-5]	0.0027	n/a	3/17/2021	0.001ND	No	39	n/a	94.87	n/a	n/a	0.00008849	NP Intra (NDs) 1 of 3
Arsenic (mg/L)	GWC-9	0.001	n/a	3/17/2021	0.001ND	No	37	n/a	97.3	n/a	n/a	0.0001035	NP Intra (NDs) 1 of 3
Barium (mg/L)	GWA-13	0.01736	n/a	3/16/2021	0.018	Yes	16	0.001248	0	None	No	0.0003901	Param Intra 1 of 3
Barium (mg/L)	GWA-14	0.018	n/a	3/16/2021	0.013	No	16	n/a	0	n/a	n/a	0.001026	NP Intra (normality) 1 of 3
Barium (mg/L)	GWA-16[*GWB-16]	0.02941	n/a	3/16/2021	0.025	No	16	0.002701	0	None	No	0.0003901	Param Intra 1 of 3
Barium (mg/L)	GWA-2	0.036	n/a	3/16/2021	0.035	No	14	0.000007789	0	None	x^3	0.0003901	Param Intra 1 of 3
Barium (mg/L)	GWA-3	0.02553	n/a	3/16/2021	0.015	No	34	0.02092	0	None	sqrt(x)	0.0003901	Param Intra 1 of 3
Barium (mg/L)	GWC-1	0.05613	n/a	3/16/2021	0.039	No	18	0.008527	0	None	No	0.0003901	Param Intra 1 of 3
Barium (mg/L)	GWC-10	0.03867	n/a	3/16/2021	0.019	No	37	0.3426	0	None	ln(x)	0.0003901	Param Intra 1 of 3
Barium (mg/L)	GWC-11	0.026	n/a	3/17/2021	0.016	No	36	n/a	0	n/a	n/a	0.000111	NP Intra (normality) 1 of 3
Barium (mg/L)	GWC-12	0.01492	n/a	3/16/2021	0.01	No	37	0.001788	0	None	No	0.0003901	Param Intra 1 of 3
Barium (mg/L)	GWC-15[*GWB-15]	0.02811	n/a	3/17/2021	0.028	No	16	0.001826	0	None	No	0.0003901	Param Intra 1 of 3
Barium (mg/L)	GWC-17	0.02102	n/a	3/16/2021	0.017	No	16	0.001626	0	None	No	0.0003901	Param Intra 1 of 3
Barium (mg/L)	GWC-18	0.05567	n/a	3/17/2021	0.013	No	16	0.01398	0	None	No	0.0003901	Param Intra 1 of 3
Barium (mg/L)	GWC-19	0.057	n/a	3/16/2021	0.0099J	No	16	n/a	0	n/a	n/a	0.001026	NP Intra (normality) 1 of 3
Barium (mg/L)	GWC-20	0.04774	n/a	3/16/2021	0.016	No	16	0.3019	0	None	ln(x)	0.0003901	Param Intra 1 of 3
Barium (mg/L)	GWC-21	0.02848	n/a	3/17/2021	0.019	No	16	0.2397	0	None	ln(x)	0.0003901	Param Intra 1 of 3
Barium (mg/L)	GWC-23	0.08327	n/a	3/17/2021	0.024	No	11	0.01433	0	None	No	0.0003901	Param Intra 1 of 3
Barium (mg/L)	GWC-4A[*GWB-4A]	0.03562	n/a	3/17/2021	0.014	No	37	0.007165	0	None	No	0.0003901	Param Intra 1 of 3
Barium (mg/L)	GWC-5[*GWB-5]	0.06741	n/a	3/17/2021	0.04	No	19	0.014	0	None	No	0.0003901	Param Intra 1 of 3
Barium (mg/L)	GWC-9	0.03144	n/a	3/17/2021	0.041	Yes	37	0.004605	0	None	No	0.0003901	Param Intra 1 of 3
Beryllium (mg/L)	GWA-13	0.0025	n/a	3/16/2021	0.0002J	No	15	n/a	93.33	n/a	n/a	0.001313	NP Intra (NDs) 1 of 3
Beryllium (mg/L)	GWA-14	0.0025	n/a	3/16/2021	0.0025ND	No	16	n/a	93.75	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3
Beryllium (mg/L)	GWA-16[*GWB-16]	0.0025	n/a	3/16/2021	0.0025ND	No	16	n/a	93.75	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3
Beryllium (mg/L)	GWA-2	0.0025	n/a	3/16/2021	0.0025ND	No	37	n/a	91.89	n/a	n/a	0.0001035	NP Intra (NDs) 1 of 3
Beryllium (mg/L)	GWA-3	0.0025	n/a	3/16/2021	0.0025ND	No	37	n/a	94.59	n/a	n/a	0.0001035	NP Intra (NDs) 1 of 3
Beryllium (mg/L)	GWC-1	0.0025	n/a	3/16/2021	0.00022J	No	37	n/a	83.78	n/a	n/a	0.0001035	NP Intra (NDs) 1 of 3
Beryllium (mg/L)	GWC-10	0.0025	n/a	3/16/2021	0.00033J	No	37	n/a	94.59	n/a	n/a	0.0001035	NP Intra (NDs) 1 of 3
Beryllium (mg/L)	GWC-11	0.0025	n/a	3/17/2021	0.00048J	No	37	n/a	100	n/a	n/a	0.0001035	NP Intra (NDs) 1 of 3
Beryllium (mg/L)	GWC-12	0.0025	n/a	3/16/2021	0.00037J	No	37	n/a	83.78	n/a	n/a	0.0001035	NP Intra (NDs) 1 of 3
Beryllium (mg/L)	GWC-15[*GWB-15]	0.0025	n/a	3/17/2021	0.0025ND	No	16	n/a	93.75	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3
Beryllium (mg/L)	GWC-17	0.0006922	n/a	3/16/2021	0.00062J	No	15	0.00006281	0	None	No	0.0003901	Param Intra 1 of 3
Beryllium (mg/L)	GWC-18	0.0025	n/a	3/17/2021	0.0025ND	No	16	n/a	100	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3
Beryllium (mg/L)	GWC-19	0.0025	n/a	3/16/2021	0.00024J	No	16	n/a	62.5	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3
Beryllium (mg/L)	GWC-20	0.0025	n/a	3/16/2021	0.00022J	No	16	n/a	62.5	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3
Beryllium (mg/L)	GWC-21	0.0025	n/a	3/17/2021	0.0025ND	No	16	n/a	93.75	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3
Beryllium (mg/L)	GWC-23	0.0025	n/a	3/17/2021	0.00018J	No	11	n/a	100	n/a	n/a	0.002806	NP Intra (NDs) 1 of 3
Beryllium (mg/L)	GWC-4A[*GWB-4A]	0.0025	n/a	3/17/2021	0.0025ND	No	37	n/a	94.59	n/a	n/a	0.0001035	NP Intra (NDs) 1 of 3
Beryllium (mg/L)	GWC-5[*GWB-5]	0.0025	n/a	3/17/2021	0.0025ND	No	39	n/a	92.31	n/a	n/a	0.00008849	NP Intra (NDs) 1 of 3
Beryllium (mg/L)	GWC-9	0.0025	n/a	3/17/2021	0.00024J	No	37	n/a	94.59	n/a	n/a	0.0001035	NP Intra (NDs) 1 of 3
Cadmium (mg/L)	GWA-13	0.0025	n/a	3/16/2021	0.0025ND	No	16	n/a	93.75	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3
Cadmium (mg/L)	GWA-14	0.0025	n/a	3/16/2021	0.0025ND	No	16	n/a	93.75	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3
Cadmium (mg/L)	GWA-16[*GWB-16]	0.0025	n/a	3/16/2021	0.0025ND	No	16	n/a	100	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3
Cadmium (mg/L)	GWC-17	0.000773	n/a	3/16/2021	0.00057J	No	16	0.00009557	0	None	No	0.0003901	Param Intra 1 of 3
Cadmium (mg/L)	GWC-18	0.0025	n/a	3/17/2021	0.0025ND	No	16	n/a	93.75	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3
Cadmium (mg/L)	GWC-19	0.0025	n/a	3/16/2021	0.0025ND	No	16	n/a	87.5	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3
Cadmium (mg/L)	GWC-20	0.0025	n/a	3/16/2021	0.0025ND	No	16	n/a	56.25	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3
Cadmium (mg/L)	GWC-21	0.0025	n/a	3/17/2021	0.0025ND	No	16	n/a	87.5	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3

Appendix I Intrawell Prediction Limit - All Results

Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR Printed 4/28/2021, 3:44 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Cadmium (mg/L)	GWC-23	0.0025	n/a	3/17/2021	0.0025ND	No	11	n/a	100	n/a	n/a	0.002806	NP Intra (NDs) 1 of 3
Cadmium (mg/L)	GWC-4A[*GWB-4A]	0.0025	n/a	3/17/2021	0.0025ND	No	37	n/a	94.59	n/a	n/a	0.0001035	NP Intra (NDs) 1 of 3
Chromium (mg/L)	GWA-13	0.0094	n/a	3/16/2021	0.002ND	No	14	n/a	78.57	n/a	n/a	0.0016	NP Intra (NDs) 1 of 3
Chromium (mg/L)	GWA-14	0.0047	n/a	3/16/2021	0.002ND	No	15	n/a	86.67	n/a	n/a	0.001313	NP Intra (NDs) 1 of 3
Chromium (mg/L)	GWA-16[*GWB-16]	0.003104	n/a	3/16/2021	0.0017J	No	15	0.01054	46.67	Kaplan-Meier	sqrt(x)	0.0003901	Param Intra 1 of 3
Chromium (mg/L)	GWA-2	0.002707	n/a	3/16/2021	0.0015J	No	36	0.007574	22.22	Kaplan-Meier	sqrt(x)	0.0003901	Param Intra 1 of 3
Chromium (mg/L)	GWA-3	0.002978	n/a	3/16/2021	0.0015J	No	36	0.4922	33.33	Kaplan-Meier	ln(x)	0.0003901	Param Intra 1 of 3
Chromium (mg/L)	GWC-1	0.005	n/a	3/16/2021	0.002ND	No	37	n/a	35.14	n/a	n/a	0.0001035	NP Intra (normality) 1 of 3
Chromium (mg/L)	GWC-10	0.01	n/a	3/16/2021	0.0054	No	37	n/a	24.32	n/a	n/a	0.0001035	NP Intra (normality) 1 of 3
Chromium (mg/L)	GWC-11	0.009367	n/a	3/17/2021	0.0031	No	37	0.002115	2.703	None	No	0.0003901	Param Intra 1 of 3
Chromium (mg/L)	GWC-12	0.01	n/a	3/16/2021	0.0019J	No	37	n/a	21.62	n/a	n/a	0.0001035	NP Intra (normality) 1 of 3
Chromium (mg/L)	GWC-15[*GWB-15]	0.0051	n/a	3/17/2021	0.002ND	No	15	n/a	66.67	n/a	n/a	0.001313	NP Intra (NDs) 1 of 3
Chromium (mg/L)	GWC-17	0.01	n/a	3/16/2021	0.0031	No	15	n/a	33.33	n/a	n/a	0.001313	NP Intra (normality) 1 of 3
Chromium (mg/L)	GWC-18	0.004525	n/a	3/17/2021	0.0027	No	15	0.3833	0	None	ln(x)	0.0003901	Param Intra 1 of 3
Chromium (mg/L)	GWC-19	0.00396	n/a	3/16/2021	0.0017J	No	15	0.3916	13.33	None	ln(x)	0.0003901	Param Intra 1 of 3
Chromium (mg/L)	GWC-20	0.005	n/a	3/16/2021	0.002ND	No	15	n/a	86.67	n/a	n/a	0.001313	NP Intra (NDs) 1 of 3
Chromium (mg/L)	GWC-21	0.0044	n/a	3/17/2021	0.002ND	No	14	n/a	85.71	n/a	n/a	0.0016	NP Intra (NDs) 1 of 3
Chromium (mg/L)	GWC-23	0.0025	n/a	3/17/2021	0.0027	Yes	11	n/a	81.82	n/a	n/a	0.002806	NP Intra (NDs) 1 of 3
Chromium (mg/L)	GWC-4A[*GWB-4A]	0.0096	n/a	3/17/2021	0.002ND	No	37	n/a	67.57	n/a	n/a	0.0001035	NP Intra (NDs) 1 of 3
Chromium (mg/L)	GWC-5[*GWB-5]	0.0054	n/a	3/17/2021	0.002ND	No	38	n/a	65.79	n/a	n/a	0.00009598	NP Intra (NDs) 1 of 3
Chromium (mg/L)	GWC-9	0.0043	n/a	3/17/2021	0.002ND	No	36	n/a	63.89	n/a	n/a	0.000111	NP Intra (NDs) 1 of 3
Cobalt (mg/L)	GWA-13	0.002313	n/a	3/16/2021	0.0005J	No	16	0.009318	12.5	None	sqrt(x)	0.0003901	Param Intra 1 of 3
Cobalt (mg/L)	GWA-14	0.0025	n/a	3/16/2021	0.00035J	No	16	n/a	43.75	n/a	n/a	0.001026	NP Intra (normality) 1 of 3
Cobalt (mg/L)	GWA-16[*GWB-16]	0.001798	n/a	3/16/2021	0.00047J	No	16	0.5015	6.25	None	ln(x)	0.0003901	Param Intra 1 of 3
Cobalt (mg/L)	GWA-2	0.01	n/a	3/16/2021	0.0013J	No	37	n/a	56.76	n/a	n/a	0.0001035	NP Intra (NDs) 1 of 3
Cobalt (mg/L)	GWA-3	0.0025	n/a	3/16/2021	0.00033J	No	36	n/a	88.89	n/a	n/a	0.000111	NP Intra (NDs) 1 of 3
Cobalt (mg/L)	GWC-1	0.0025	n/a	3/16/2021	0.0017J	No	37	n/a	51.35	n/a	n/a	0.0001035	NP Intra (NDs) 1 of 3
Cobalt (mg/L)	GWC-10	0.0025	n/a	3/16/2021	0.0025ND	No	37	n/a	94.59	n/a	n/a	0.0001035	NP Intra (NDs) 1 of 3
Cobalt (mg/L)	GWC-11	0.0071	n/a	3/17/2021	0.00016J	No	37	n/a	81.08	n/a	n/a	0.0001035	NP Intra (NDs) 1 of 3
Cobalt (mg/L)	GWC-12	0.012	n/a	3/16/2021	0.00058J	No	37	n/a	54.05	n/a	n/a	0.0001035	NP Intra (NDs) 1 of 3
Cobalt (mg/L)	GWC-15[*GWB-15]	0.0025	n/a	3/17/2021	0.0004J	No	16	n/a	12.5	n/a	n/a	0.001026	NP Intra (normality) 1 of 3
Cobalt (mg/L)	GWC-17	0.002397	n/a	3/16/2021	0.00027J	No	16	0.0006723	12.5	None	No	0.0003901	Param Intra 1 of 3
Cobalt (mg/L)	GWC-18	0.0025	n/a	3/17/2021	0.0025ND	No	16	n/a	93.75	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3
Cobalt (mg/L)	GWC-19	0.0025	n/a	3/16/2021	0.0025ND	No	16	n/a	75	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3
Cobalt (mg/L)	GWC-20	0.007687	n/a	3/16/2021	0.0009J	No	16	0.00223	0	None	No	0.0003901	Param Intra 1 of 3
Cobalt (mg/L)	GWC-21	0.002328	n/a	3/17/2021	0.00092J	No	15	0.0003563	6.667	None	No	0.0003901	Param Intra 1 of 3
Cobalt (mg/L)	GWC-23	0.01056	n/a	3/17/2021	0.0035	No	11	0.001944	0	None	No	0.0003901	Param Intra 1 of 3
Cobalt (mg/L)	GWC-4A[*GWB-4A]	0.013	n/a	3/17/2021	0.0014J	No	37	n/a	59.46	n/a	n/a	0.0001035	NP Intra (NDs) 1 of 3
Cobalt (mg/L)	GWC-5[*GWB-5]	0.011	n/a	3/17/2021	0.00083J	No	39	n/a	51.28	n/a	n/a	0.00008849	NP Intra (NDs) 1 of 3
Cobalt (mg/L)	GWC-9	0.0055	n/a	3/17/2021	0.00092J	No	37	n/a	56.76	n/a	n/a	0.0001035	NP Intra (NDs) 1 of 3
Copper (mg/L)	GWA-13	0.002	n/a	3/16/2021	0.002ND	No	10	n/a	100	n/a	n/a	0.00344	NP Intra (NDs) 1 of 3
Copper (mg/L)	GWA-14	0.002	n/a	3/16/2021	0.002ND	No	10	n/a	90	n/a	n/a	0.00344	NP Intra (NDs) 1 of 3
Copper (mg/L)	GWA-16[*GWB-16]	0.002	n/a	3/16/2021	0.002ND	No	10	n/a	80	n/a	n/a	0.00344	NP Intra (NDs) 1 of 3
Copper (mg/L)	GWA-2	0.003	n/a	3/16/2021	0.002ND	No	31	n/a	96.77	n/a	n/a	0.0001701	NP Intra (NDs) 1 of 3
Copper (mg/L)	GWA-3	0.0034	n/a	3/16/2021	0.002ND	No	30	n/a	90	n/a	n/a	0.0001831	NP Intra (NDs) 1 of 3
Copper (mg/L)	GWC-1	0.002	n/a	3/16/2021	0.002ND	No	30	n/a	100	n/a	n/a	0.0001831	NP Intra (NDs) 1 of 3
Copper (mg/L)	GWC-11	0.0027	n/a	3/17/2021	0.0019J	No	31	n/a	93.55	n/a	n/a	0.0001701	NP Intra (NDs) 1 of 3
Copper (mg/L)	GWC-12	0.002	n/a	3/16/2021	0.002ND	No	31	n/a	100	n/a	n/a	0.0001701	NP Intra (NDs) 1 of 3
Copper (mg/L)	GWC-15[*GWB-15]	0.002	n/a	3/17/2021	0.002ND	No	10	n/a	90	n/a	n/a	0.00344	NP Intra (NDs) 1 of 3
Copper (mg/L)	GWC-17	0.0021	n/a	3/16/2021	0.002ND	No	10	n/a	80	n/a	n/a	0.00344	NP Intra (NDs) 1 of 3
Copper (mg/L)	GWC-18	0.002	n/a	3/17/2021	0.001J	No	10	n/a	80	n/a	n/a	0.00344	NP Intra (NDs) 1 of 3
Copper (mg/L)	GWC-19	0.002	n/a	3/16/2021	0.002ND	No	10	n/a	90	n/a	n/a	0.00344	NP Intra (NDs) 1 of 3
Copper (mg/L)	GWC-20	0.002	n/a	3/16/2021	0.002ND	No	10	n/a	90	n/a	n/a	0.00344	NP Intra (NDs) 1 of 3
Copper (mg/L)	GWC-21	0.002	n/a	3/17/2021	0.002ND	No	9	n/a	77.78	n/a	n/a	0.004675	NP Intra (NDs) 1 of 3
Copper (mg/L)	GWC-23	0.002	n/a	3/17/2021	0.002ND	No	5	n/a	80	n/a	n/a	0.01896	NP Intra (NDs) 1 of 3
Copper (mg/L)	GWC-4A[*GWB-4A]	0.0025	n/a	3/17/2021	0.0012J	No	31	n/a	96.77	n/a	n/a	0.0001701	NP Intra (NDs) 1 of 3
Copper (mg/L)	GWC-5[*GWB-5]	0.0021	n/a	3/17/2021	0.002ND	No	31	n/a	93.55	n/a	n/a	0.0001701	NP Intra (NDs) 1 of 3
Copper (mg/L)	GWC-9	0.0021	n/a	3/17/2021	0.002ND	No	31	n/a	96.77	n/a	n/a	0.0001701	NP Intra (NDs) 1 of 3
Lead (mg/L)	GWA-13	0.001	n/a	3/16/2021	0.001ND	No	16	n/a	100	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3
Lead (mg/L)	GWA-14	0.001	n/a	3/16/2021	0.001ND	No	16	n/a	100	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3
Lead (mg/L)	GWA-16[*GWB-16]	0.001	n/a	3/16/2021	0.001ND	No	16	n/a	100	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3
Lead (mg/L)	GWC-11	0.001	n/a	3/17/2021	0.00031J	No	37	n/a	94.59	n/a	n/a	0.0001035	NP Intra (NDs) 1 of 3
Lead (mg/L)	GWC-18	0.001	n/a	3/17/2021	0.00015J	No	16	n/a	93.75	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3
Lead (mg/L)	GWC-20	0.001	n/a	3/16/2021	0.001ND	No	16	n/a	100	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3
Lead (mg/L)	GWC-21	0.001	n/a	3/17/2021	0.001ND	No	16	n/a	93.75	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3
Lead (mg/L)	GWC-23	0.001	n/a	3/17/2021	0.001ND	No	11	n/a	100	n/a	n/a	0.002806	NP Intra (NDs) 1 of 3
Lead (mg/L)	GWC-4A[*GWB-4A]	0.001	n/a	3/17/2021	0.001ND	No	37	n/a	100	n/a	n/a	0.0001035	NP Intra (NDs) 1 of 3
Lead (mg/L)	GWC-5[*GWB-5]	0.001	n/a	3/17/2021	0.001ND	No	39	n/a	92.31	n/a	n/a	0.00008849	NP Intra (NDs) 1 of 3

Appendix I Intrawell Prediction Limit - All Results

Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR Printed 4/28/2021, 3:44 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Nickel (mg/L)	GWA-13	0.001	n/a	3/16/2021	0.001ND	No	10	n/a	100	n/a	n/a	0.00344	NP Intra (NDs) 1 of 3
Nickel (mg/L)	GWA-14	0.0025	n/a	3/16/2021	0.00045J	No	10	n/a	90	n/a	n/a	0.00344	NP Intra (NDs) 1 of 3
Nickel (mg/L)	GWA-16[*GWB-16]	0.001	n/a	3/16/2021	0.00043J	No	10	n/a	100	n/a	n/a	0.00344	NP Intra (NDs) 1 of 3
Nickel (mg/L)	GWA-2	0.0043	n/a	3/16/2021	0.00072J	No	31	n/a	87.1	n/a	n/a	0.0001701	NP Intra (NDs) 1 of 3
Nickel (mg/L)	GWA-3	0.001	n/a	3/16/2021	0.001ND	No	29	n/a	100	n/a	n/a	0.0002074	NP Intra (NDs) 1 of 3
Nickel (mg/L)	GWC-1	0.0025	n/a	3/16/2021	0.0012	No	30	n/a	86.67	n/a	n/a	0.0001831	NP Intra (NDs) 1 of 3
Nickel (mg/L)	GWC-10	0.0013	n/a	3/16/2021	0.00043J	No	31	n/a	96.77	n/a	n/a	0.0001701	NP Intra (NDs) 1 of 3
Nickel (mg/L)	GWC-11	0.0049	n/a	3/17/2021	0.00077J	No	31	n/a	87.1	n/a	n/a	0.0001701	NP Intra (NDs) 1 of 3
Nickel (mg/L)	GWC-12	0.0057	n/a	3/16/2021	0.00093J	No	31	n/a	87.1	n/a	n/a	0.0001701	NP Intra (NDs) 1 of 3
Nickel (mg/L)	GWC-15[*GWB-15]	0.001	n/a	3/17/2021	0.00047J	No	10	n/a	100	n/a	n/a	0.00344	NP Intra (NDs) 1 of 3
Nickel (mg/L)	GWC-17	0.004116	n/a	3/16/2021	0.0015	No	10	0.0006773	10	None	No	0.0003901	Param Intra 1 of 3
Nickel (mg/L)	GWC-18	0.0021	n/a	3/17/2021	0.0011	No	10	0.0001857	50	Kaplan-Meier	No	0.0003901	Param Intra 1 of 3
Nickel (mg/L)	GWC-19	0.002889	n/a	3/16/2021	0.0012	No	10	0.0004447	0	None	No	0.0003901	Param Intra 1 of 3
Nickel (mg/L)	GWC-20	0.006567	n/a	3/16/2021	0.00093J	No	10	0.001337	40	Kaplan-Meier	No	0.0003901	Param Intra 1 of 3
Nickel (mg/L)	GWC-21	0.0025	n/a	3/17/2021	0.00068J	No	10	n/a	90	n/a	n/a	0.00344	NP Intra (NDs) 1 of 3
Nickel (mg/L)	GWC-23	0.004782	n/a	3/17/2021	0.0014	No	5	0.0006403	20	Kaplan-Meier	No	0.0003901	Param Intra 1 of 3
Nickel (mg/L)	GWC-4A[*GWB-4A]	0.0072	n/a	3/17/2021	0.00083J	No	31	n/a	74.19	n/a	n/a	0.0001701	NP Intra (NDs) 1 of 3
Nickel (mg/L)	GWC-5[*GWB-5]	0.0031	n/a	3/17/2021	0.00041J	No	31	n/a	93.55	n/a	n/a	0.0001701	NP Intra (NDs) 1 of 3
Nickel (mg/L)	GWC-9	0.0033	n/a	3/17/2021	0.0006J	No	31	n/a	90.32	n/a	n/a	0.0001701	NP Intra (NDs) 1 of 3
Selenium (mg/L)	GWA-13	0.005	n/a	3/16/2021	0.005ND	No	16	n/a	93.75	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3
Selenium (mg/L)	GWA-16[*GWB-16]	0.005	n/a	3/16/2021	0.005ND	No	16	n/a	93.75	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3
Selenium (mg/L)	GWA-2	0.005	n/a	3/16/2021	0.005ND	No	37	n/a	91.89	n/a	n/a	0.0001035	NP Intra (NDs) 1 of 3
Selenium (mg/L)	GWA-3	0.005	n/a	3/16/2021	0.005ND	No	37	n/a	86.49	n/a	n/a	0.0001035	NP Intra (NDs) 1 of 3
Selenium (mg/L)	GWC-1	0.005	n/a	3/16/2021	0.005ND	No	37	n/a	94.59	n/a	n/a	0.0001035	NP Intra (NDs) 1 of 3
Selenium (mg/L)	GWC-10	0.005	n/a	3/16/2021	0.005ND	No	37	n/a	94.59	n/a	n/a	0.0001035	NP Intra (NDs) 1 of 3
Selenium (mg/L)	GWC-11	0.005	n/a	3/17/2021	0.005ND	No	37	n/a	83.78	n/a	n/a	0.0001035	NP Intra (NDs) 1 of 3
Selenium (mg/L)	GWC-15[*GWB-15]	0.005	n/a	3/17/2021	0.005ND	No	16	n/a	93.75	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3
Selenium (mg/L)	GWC-18	0.005	n/a	3/17/2021	0.005ND	No	16	n/a	93.75	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3
Selenium (mg/L)	GWC-19	0.005	n/a	3/16/2021	0.005ND	No	16	n/a	93.75	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3
Selenium (mg/L)	GWC-20	0.005	n/a	3/16/2021	0.005ND	No	16	n/a	93.75	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3
Selenium (mg/L)	GWC-21	0.005	n/a	3/17/2021	0.005ND	No	16	n/a	93.75	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3
Selenium (mg/L)	GWC-4A[*GWB-4A]	0.005	n/a	3/17/2021	0.005ND	No	37	n/a	91.89	n/a	n/a	0.0001035	NP Intra (NDs) 1 of 3
Selenium (mg/L)	GWC-5[*GWB-5]	0.005	n/a	3/17/2021	0.005ND	No	38	n/a	97.37	n/a	n/a	0.00009598	NP Intra (NDs) 1 of 3
Selenium (mg/L)	GWC-9	0.0058	n/a	3/17/2021	0.005ND	No	37	n/a	97.3	n/a	n/a	0.0001035	NP Intra (NDs) 1 of 3
Silver (mg/L)	GWC-11	0.001	n/a	3/17/2021	0.001ND	No	31	n/a	96.77	n/a	n/a	0.0001701	NP Intra (NDs) 1 of 3
Thallium (mg/L)	GWA-13	0.001	n/a	3/16/2021	0.001ND	No	16	n/a	87.5	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3
Thallium (mg/L)	GWA-14	0.001	n/a	3/16/2021	0.001ND	No	16	n/a	93.75	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3
Thallium (mg/L)	GWA-16[*GWB-16]	0.001	n/a	3/16/2021	0.001ND	No	16	n/a	100	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3
Thallium (mg/L)	GWA-2	0.001	n/a	3/16/2021	0.001ND	No	35	n/a	100	n/a	n/a	0.0001185	NP Intra (NDs) 1 of 3
Thallium (mg/L)	GWA-3	0.001	n/a	3/16/2021	0.001ND	No	35	n/a	100	n/a	n/a	0.0001185	NP Intra (NDs) 1 of 3
Thallium (mg/L)	GWC-10	0.001	n/a	3/16/2021	0.00037J	No	35	n/a	100	n/a	n/a	0.0001185	NP Intra (NDs) 1 of 3
Thallium (mg/L)	GWC-11	0.001	n/a	3/17/2021	0.00047J	No	35	n/a	97.14	n/a	n/a	0.0001185	NP Intra (NDs) 1 of 3
Thallium (mg/L)	GWC-12	0.001	n/a	3/16/2021	0.00022J	No	35	n/a	100	n/a	n/a	0.0001185	NP Intra (NDs) 1 of 3
Thallium (mg/L)	GWC-17	0.001	n/a	3/16/2021	0.001ND	No	16	n/a	62.5	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3
Thallium (mg/L)	GWC-18	0.001	n/a	3/17/2021	0.00016J	No	16	n/a	12.5	n/a	n/a	0.001026	NP Intra (normality) 1 of 3
Thallium (mg/L)	GWC-19	0.001	n/a	3/16/2021	0.001ND	No	16	n/a	93.75	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3
Thallium (mg/L)	GWC-20	0.001	n/a	3/16/2021	0.001ND	No	16	n/a	62.5	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3
Thallium (mg/L)	GWC-21	0.001	n/a	3/17/2021	0.001ND	No	16	n/a	87.5	n/a	n/a	0.001026	NP Intra (NDs) 1 of 3
Thallium (mg/L)	GWC-23	0.001	n/a	3/17/2021	0.001ND	No	11	n/a	72.73	n/a	n/a	0.002806	NP Intra (NDs) 1 of 3
Thallium (mg/L)	GWC-4A[*GWB-4A]	0.001	n/a	3/17/2021	0.001ND	No	35	n/a	97.14	n/a	n/a	0.0001185	NP Intra (NDs) 1 of 3
Thallium (mg/L)	GWC-5[*GWB-5]	0.001	n/a	3/17/2021	0.001ND	No	37	n/a	97.3	n/a	n/a	0.0001035	NP Intra (NDs) 1 of 3
Thallium (mg/L)	GWC-9	0.001	n/a	3/17/2021	0.001ND	No	35	n/a	100	n/a	n/a	0.0001185	NP Intra (NDs) 1 of 3
Vanadium (mg/L)	GWA-13	0.0018	n/a	3/16/2021	0.001ND	No	10	n/a	80	n/a	n/a	0.00344	NP Intra (NDs) 1 of 3
Vanadium (mg/L)	GWA-14	0.001	n/a	3/16/2021	0.001ND	No	10	n/a	90	n/a	n/a	0.00344	NP Intra (NDs) 1 of 3
Vanadium (mg/L)	GWA-16[*GWB-16]	0.0015	n/a	3/16/2021	0.001ND	No	10	n/a	80	n/a	n/a	0.00344	NP Intra (NDs) 1 of 3
Vanadium (mg/L)	GWA-2	0.0051	n/a	3/16/2021	0.001ND	No	31	n/a	90.32	n/a	n/a	0.0001701	NP Intra (NDs) 1 of 3
Vanadium (mg/L)	GWA-3	0.005	n/a	3/16/2021	0.001ND	No	30	n/a	83.33	n/a	n/a	0.0001831	NP Intra (NDs) 1 of 3
Vanadium (mg/L)	GWC-1	0.0032	n/a	3/16/2021	0.001ND	No	30	n/a	86.67	n/a	n/a	0.0001831	NP Intra (NDs) 1 of 3
Vanadium (mg/L)	GWC-10	0.0087	n/a	3/16/2021	0.0013	No	31	n/a	80.65	n/a	n/a	0.0001701	NP Intra (NDs) 1 of 3
Vanadium (mg/L)	GWC-11	0.01	n/a	3/17/2021	0.0015	No	30	n/a	73.33	n/a	n/a	0.0001831	NP Intra (NDs) 1 of 3
Vanadium (mg/L)	GWC-12	0.0075	n/a	3/16/2021	0.001ND	No	31	n/a	90.32	n/a	n/a	0.0001701	NP Intra (NDs) 1 of 3
Vanadium (mg/L)	GWC-15[*GWB-15]	0.0017	n/a	3/17/2021	0.001ND	No	10	n/a	80	n/a	n/a	0.00344	NP Intra (NDs) 1 of 3
Vanadium (mg/L)	GWC-17	0.001	n/a	3/16/2021	0.001ND	No	10	n/a	90	n/a	n/a	0.00344	NP Intra (NDs) 1 of 3
Vanadium (mg/L)	GWC-18	0.005391	n/a	3/17/2021	0.0026	No	10	0.001152	0	None	No	0.0003901	Param Intra 1 of 3
Vanadium (mg/L)	GWC-19	0.006157	n/a	3/16/2021	0.001ND	No	10	0.02849	20	Kaplan-Meier	x^(1/3)	0.0003901	Param Intra 1 of 3
Vanadium (mg/L)	GWC-20	0.0074	n/a	3/16/2021	0.001ND	No	10	n/a	70	n/a	n/a	0.00344	NP Intra (NDs) 1 of 3
Vanadium (mg/L)	GWC-21	0.0058	n/a	3/17/2021	0.001ND	No	10	n/a	70	n/a	n/a	0.00344	NP Intra (NDs) 1 of 3
Vanadium (mg/L)	GWC-23	0.006305	n/a	3/17/2021	0.001ND	No	5	0.001071	40	Kaplan-Meier	No	0.0003901	Param Intra 1 of 3

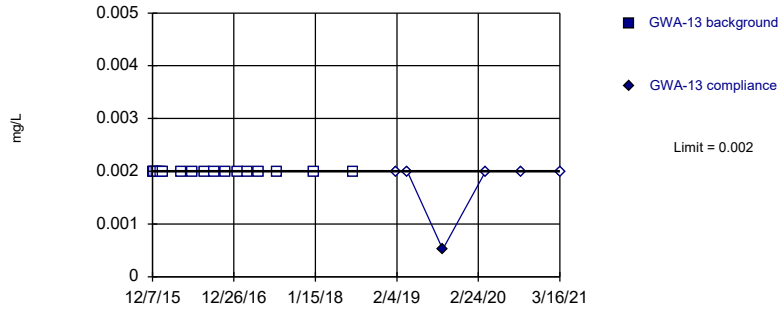
Appendix I Intrawell Prediction Limit - All Results

Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR Printed 4/28/2021, 3:44 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg.N	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Vanadium (mg/L)	GWC-4A[*GWB-4A]	0.0033	n/a	3/17/2021	0.001ND	No	31	n/a	90.32	n/a	n/a	0.0001701	NP Intra (NDs) 1 of 3
Vanadium (mg/L)	GWC-5[*GWB-5]	0.0035	n/a	3/17/2021	0.001ND	No	31	n/a	90.32	n/a	n/a	0.0001701	NP Intra (NDs) 1 of 3
Vanadium (mg/L)	GWC-9	0.0091	n/a	3/17/2021	0.001ND	No	31	n/a	87.1	n/a	n/a	0.0001701	NP Intra (NDs) 1 of 3
Zinc (mg/L)	GWA-13	0.00446	n/a	3/16/2021	0.005ND	No	10	0.0006491	40	Kaplan-Meier	No	0.0003901	Param Intra 1 of 3
Zinc (mg/L)	GWA-14	0.01002	n/a	3/16/2021	0.007	No	10	0.437	30	Kaplan-Meier	ln(x)	0.0003901	Param Intra 1 of 3
Zinc (mg/L)	GWA-16[*GWB-16]	0.005037	n/a	3/16/2021	0.005	No	10	0.000549	40	Kaplan-Meier	No	0.0003901	Param Intra 1 of 3
Zinc (mg/L)	GWA-2	0.02	n/a	3/16/2021	0.0045J	No	31	n/a	32.26	n/a	n/a	0.0001701	NP Intra (normality) 1 of 3
Zinc (mg/L)	GWA-3	0.045	n/a	3/16/2021	0.0035J	No	30	n/a	43.33	n/a	n/a	0.0001831	NP Intra (normality) 1 of 3
Zinc (mg/L)	GWC-1	0.02	n/a	3/16/2021	0.0047J	No	30	n/a	30	n/a	n/a	0.0001831	NP Intra (normality) 1 of 3
Zinc (mg/L)	GWC-10	0.019	n/a	3/16/2021	0.005ND	No	31	n/a	70.97	n/a	n/a	0.0001701	NP Intra (NDs) 1 of 3
Zinc (mg/L)	GWC-11	0.0089	n/a	3/17/2021	0.0032J	No	30	n/a	66.67	n/a	n/a	0.0001831	NP Intra (NDs) 1 of 3
Zinc (mg/L)	GWC-12	0.005828	n/a	3/16/2021	0.005ND	No	31	0.01782	32.26	Kaplan-Meier	x^(1/3)	0.0003901	Param Intra 1 of 3
Zinc (mg/L)	GWC-15[*GWB-15]	0.01135	n/a	3/17/2021	0.0063	No	10	0.4242	30	Kaplan-Meier	ln(x)	0.0003901	Param Intra 1 of 3
Zinc (mg/L)	GWC-17	0.02	n/a	3/16/2021	0.006	No	10	n/a	30	n/a	n/a	0.00344	NP Intra (normality) 1 of 3
Zinc (mg/L)	GWC-18	0.01755	n/a	3/17/2021	0.0032J	No	10	0.7436	30	Kaplan-Meier	ln(x)	0.0003901	Param Intra 1 of 3
Zinc (mg/L)	GWC-19	0.009538	n/a	3/16/2021	0.005ND	No	10	0.01719	40	Kaplan-Meier	sqrt(x)	0.0003901	Param Intra 1 of 3
Zinc (mg/L)	GWC-20	0.008421	n/a	3/16/2021	0.005ND	No	10	0.001609	40	Kaplan-Meier	No	0.0003901	Param Intra 1 of 3
Zinc (mg/L)	GWC-21	0.008437	n/a	3/17/2021	0.005ND	No	10	0.002548	50	Kaplan-Meier	No	0.0003901	Param Intra 1 of 3
Zinc (mg/L)	GWC-23	0.02	n/a	3/17/2021	0.0033J	No	5	n/a	60	n/a	n/a	0.01896	NP Intra (NDs) 1 of 3
Zinc (mg/L)	GWC-4A[*GWB-4A]	0.02	n/a	3/17/2021	0.0039J	No	30	n/a	30	n/a	n/a	0.0001831	NP Intra (normality) 1 of 3
Zinc (mg/L)	GWC-5[*GWB-5]	0.017	n/a	3/17/2021	0.0041J	No	31	n/a	32.26	n/a	n/a	0.0001701	NP Intra (normality) 1 of 3
Zinc (mg/L)	GWC-9	0.0077	n/a	3/17/2021	0.005ND	No	31	n/a	64.52	n/a	n/a	0.0001701	NP Intra (NDs) 1 of 3

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

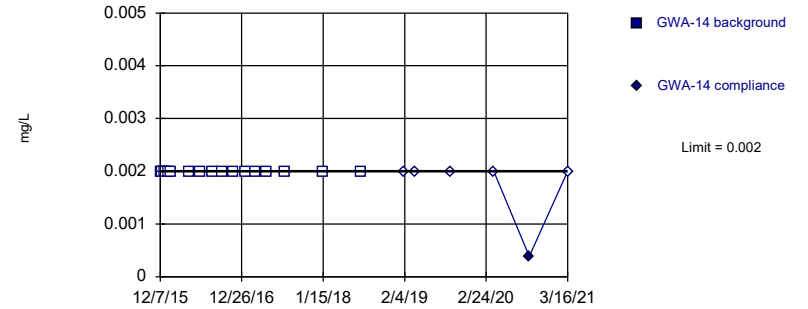


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Antimony Analysis Run 4/28/2021 3:25 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

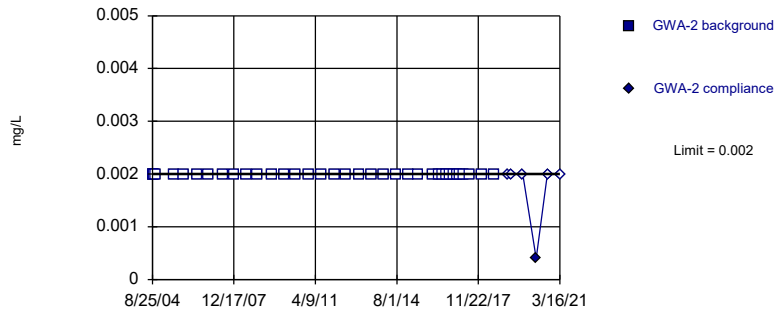


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Antimony Analysis Run 4/28/2021 3:25 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

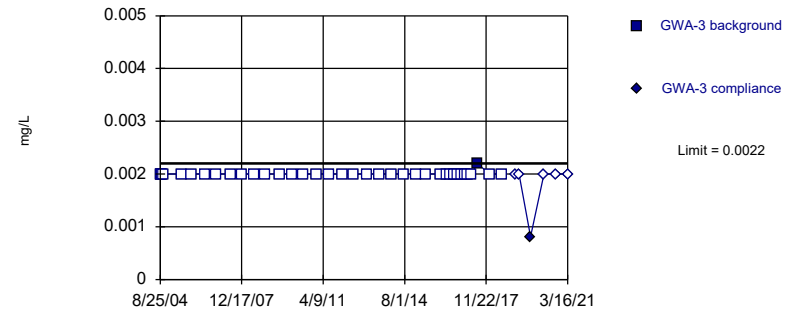


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 37) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0002069. Individual comparison alpha = 0.0001035 (1 of 3).

Constituent: Antimony Analysis Run 4/28/2021 3:25 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

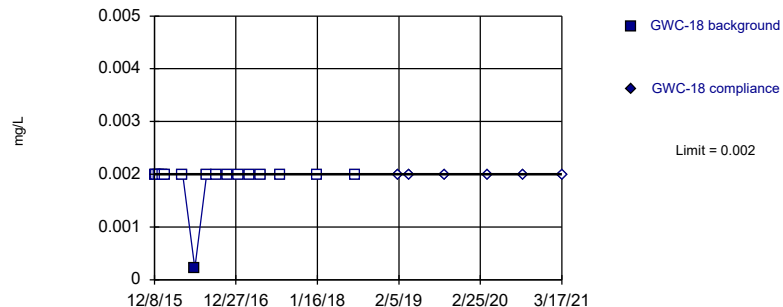


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 97.3% NDs. Well-constituent pair annual alpha = 0.0002069. Individual comparison alpha = 0.0001035 (1 of 3).

Constituent: Antimony Analysis Run 4/28/2021 3:25 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

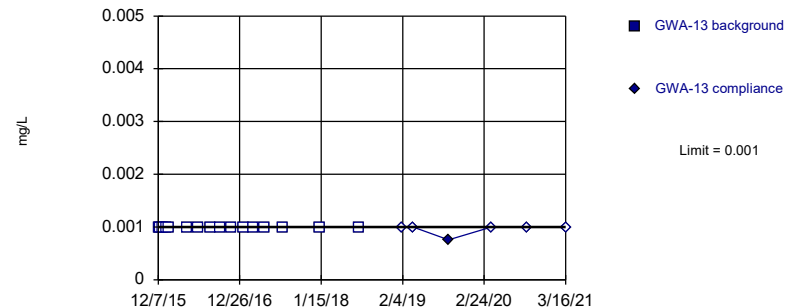


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Antimony Analysis Run 4/28/2021 3:25 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

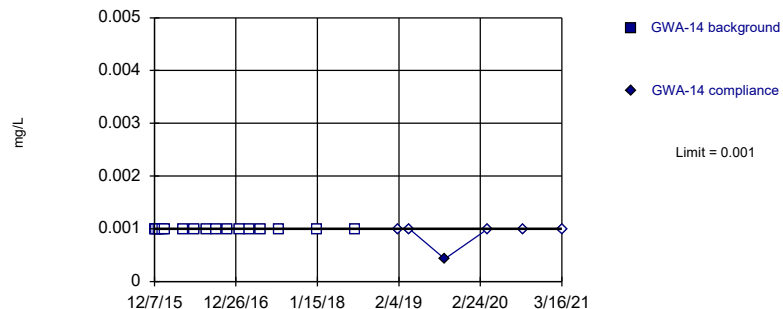


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Arsenic Analysis Run 4/28/2021 3:25 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

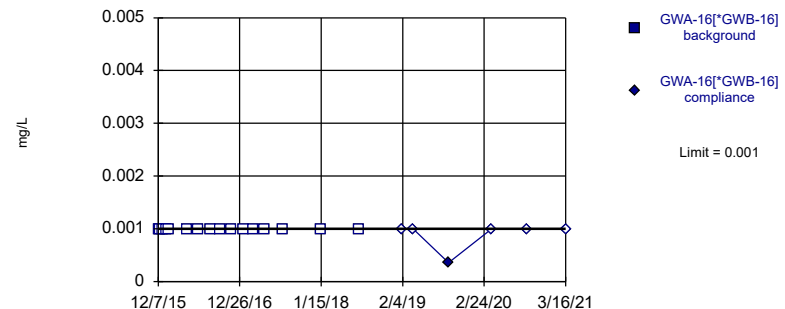


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Arsenic Analysis Run 4/28/2021 3:25 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

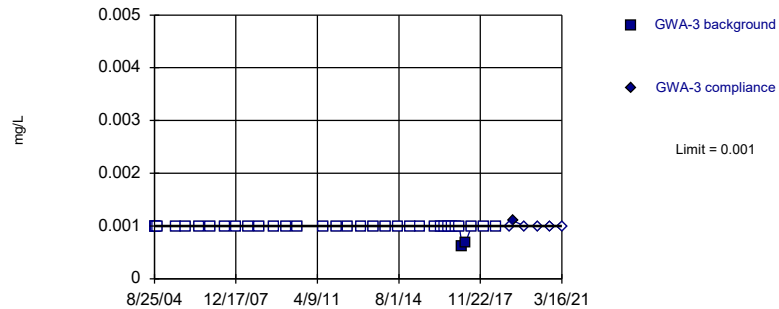


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Arsenic Analysis Run 4/28/2021 3:25 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

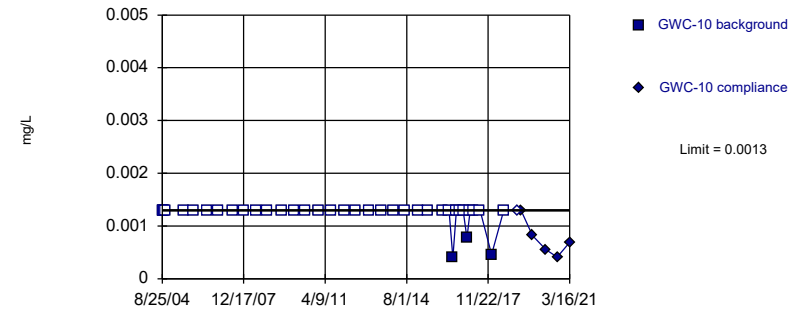


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 94.44% NDs. Well-constituent pair annual alpha = 0.0002219. Individual comparison alpha = 0.000111 (1 of 3).

Constituent: Arsenic Analysis Run 4/28/2021 3:25 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

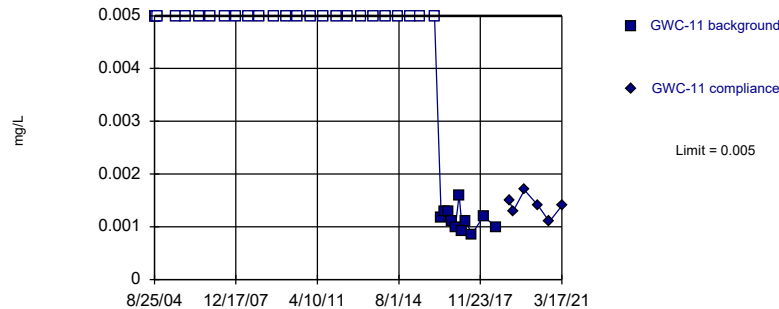


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 91.89% NDs. Well-constituent pair annual alpha = 0.0002069. Individual comparison alpha = 0.0001035 (1 of 3).

Constituent: Arsenic Analysis Run 4/28/2021 3:25 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

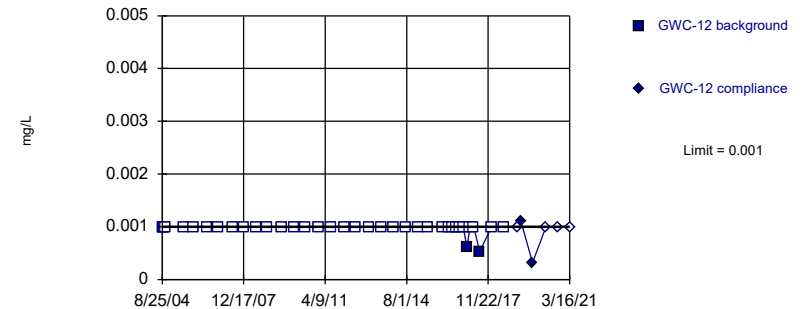


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 70.27% NDs. Well-constituent pair annual alpha = 0.0002069. Individual comparison alpha = 0.0001035 (1 of 3).

Constituent: Arsenic Analysis Run 4/28/2021 3:25 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

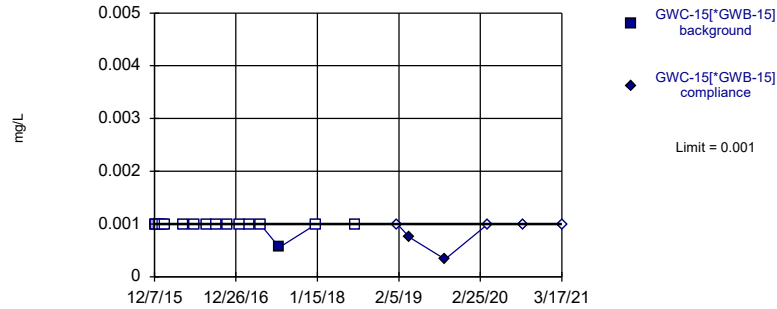


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 94.59% NDs. Well-constituent pair annual alpha = 0.0002069. Individual comparison alpha = 0.0001035 (1 of 3).

Constituent: Arsenic Analysis Run 4/28/2021 3:25 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

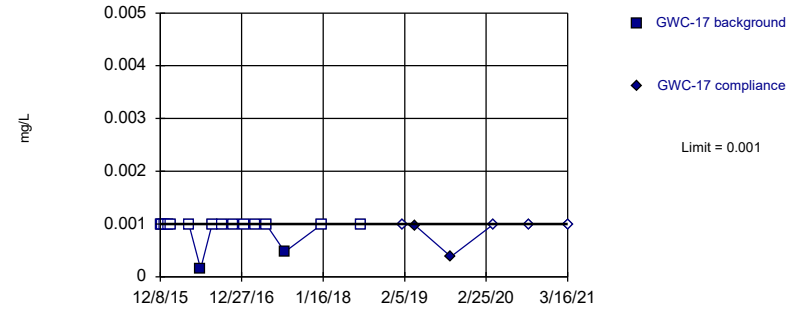


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Arsenic Analysis Run 4/28/2021 3:25 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

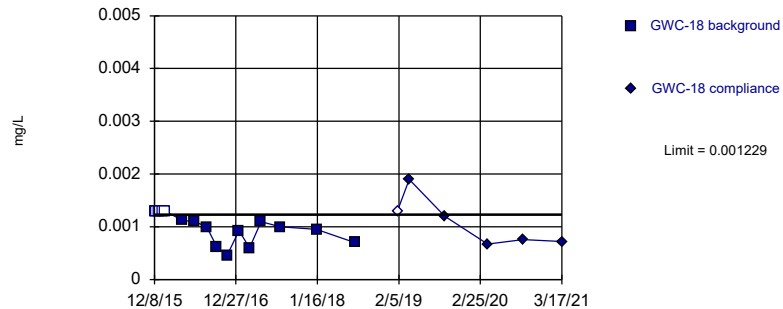


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Arsenic Analysis Run 4/28/2021 3:25 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Parametric

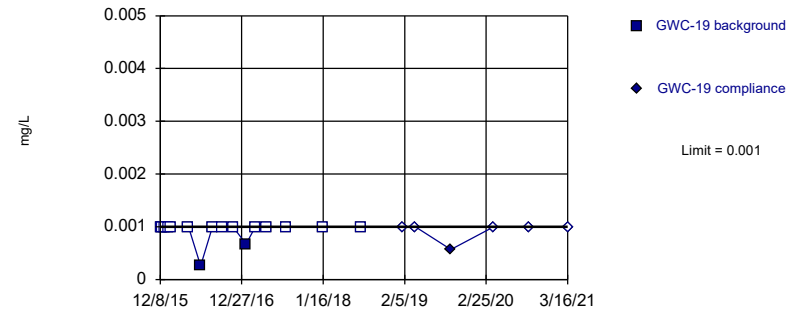


Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.0008124, Std. Dev.=0.0002231, n=16, 31.25% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8859, critical = 0.844. Kappa = 1.868 (c=15, w=9, 1 of 3, event alpha = 0.05132). Report alpha = 0.0003901.

Constituent: Arsenic Analysis Run 4/28/2021 3:25 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

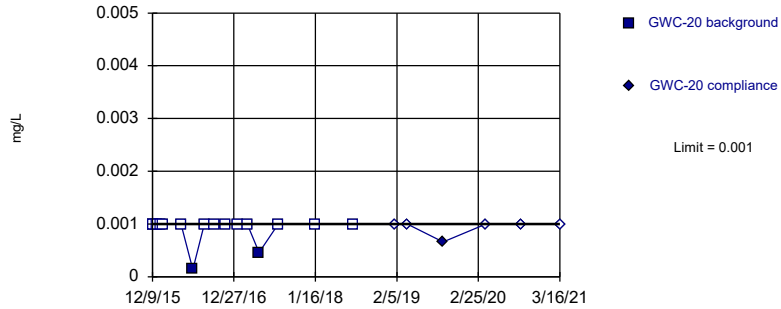


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Arsenic Analysis Run 4/28/2021 3:25 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

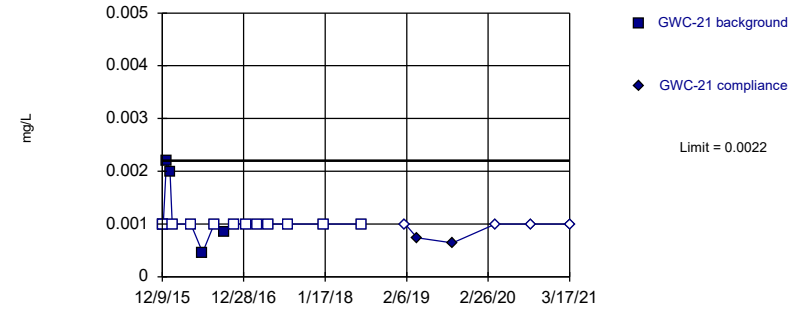


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Arsenic Analysis Run 4/28/2021 3:25 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

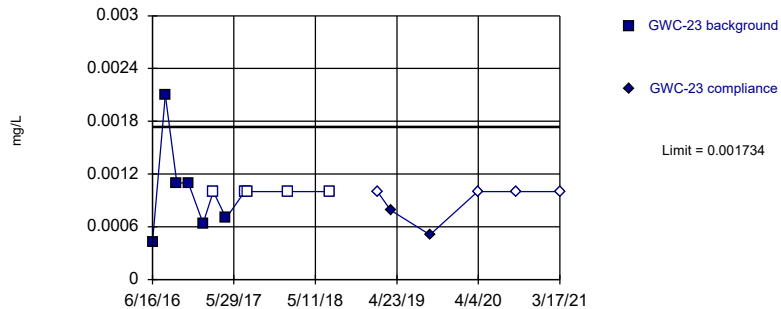


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 75% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Arsenic Analysis Run 4/28/2021 3:25 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Parametric

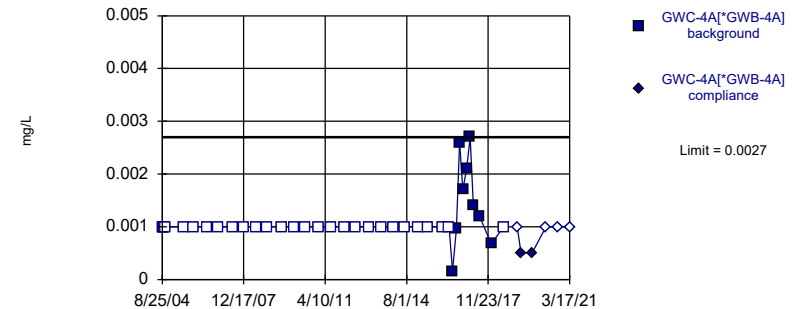


Background Data Summary (based on square root transformation) (after Kaplan-Meier Adjustment): Mean=0.02695, Std. Dev.=0.006873, n=11, 45.45% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8486, critical = 0.792. Kappa = 2.137 (c=15, w=9, 1 of 3, event alpha = 0.05132). Report alpha = 0.0003901.

Constituent: Arsenic Analysis Run 4/28/2021 3:25 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

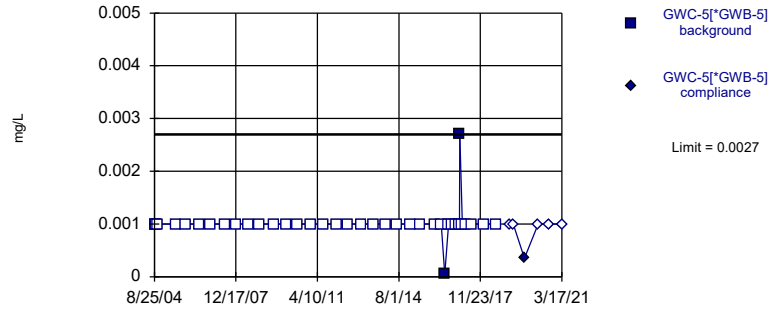


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 75.68% NDs. Well-constituent pair annual alpha = 0.0002069. Individual comparison alpha = 0.0001035 (1 of 3).

Constituent: Arsenic Analysis Run 4/28/2021 3:25 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

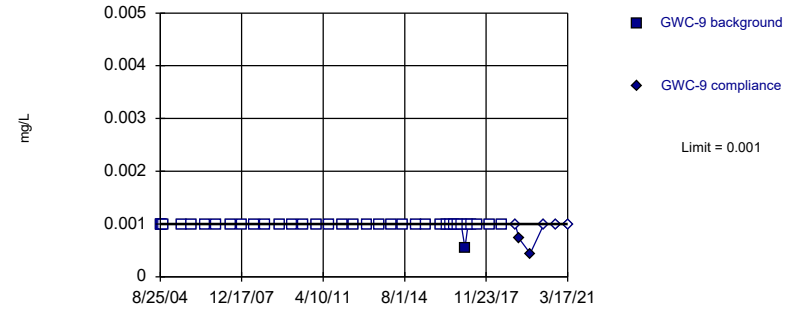


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 39 background values. 94.87% NDs. Well-constituent pair annual alpha = 0.000177. Individual comparison alpha = 0.00008849 (1 of 3).

Constituent: Arsenic Analysis Run 4/28/2021 3:25 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

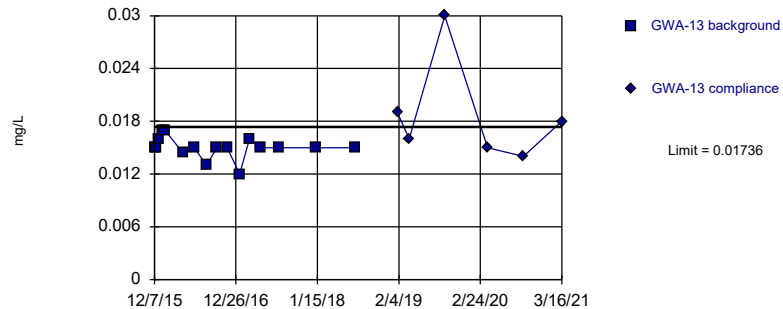


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 97.3% NDs. Well-constituent pair annual alpha = 0.0002069. Individual comparison alpha = 0.0001035 (1 of 3).

Constituent: Arsenic Analysis Run 4/28/2021 3:25 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
Exceeds Limit

Prediction Limit
Intrawell Parametric

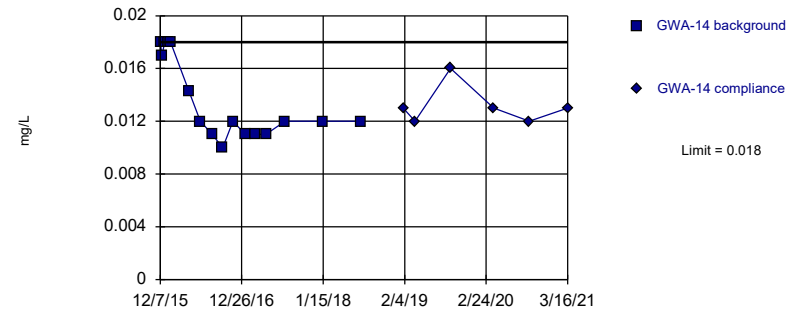


Background Data Summary: Mean=0.01503, Std. Dev.=0.001248, n=16. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8447, critical = 0.844. Kappa = 1.868 (c=15, w=9, 1 of 3, event alpha = 0.05132). Report alpha = 0.0003901.

Constituent: Barium Analysis Run 4/28/2021 3:26 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
Within Limit

Prediction Limit
Intrawell Non-parametric

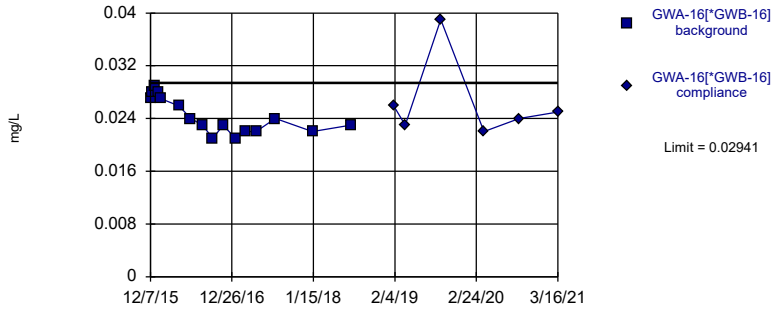


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 16 background values. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Barium Analysis Run 4/28/2021 3:26 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Within Limit

Prediction Limit
Intrawell Parametric

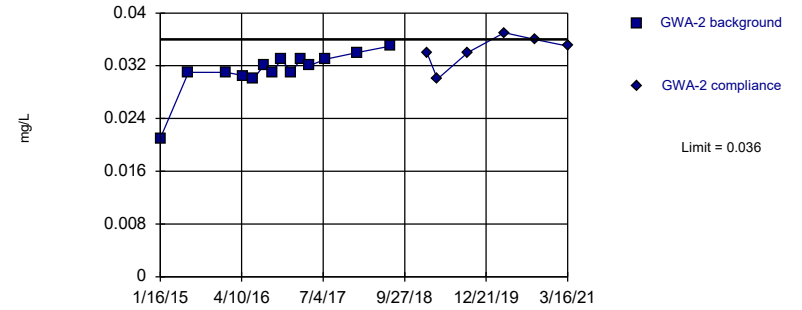


Background Data Summary: Mean=0.02437, Std. Dev.=0.002701, n=16. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8999, critical = 0.844. Kappa = 1.868 (c=15, w=9, 1 of 3, event alpha = 0.05132). Report alpha = 0.0003901.

Constituent: Barium Analysis Run 4/28/2021 3:26 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Within Limit

Prediction Limit
Intrawell Parametric

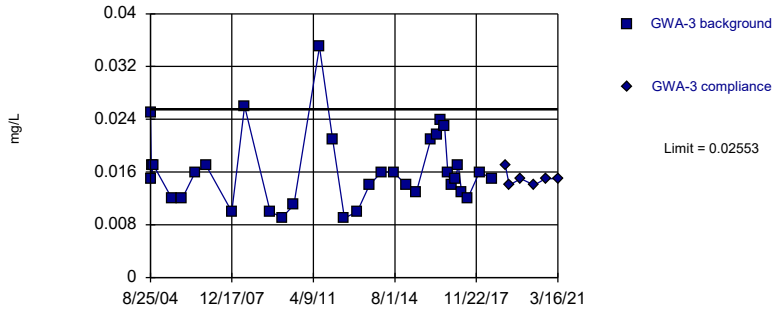


Background Data Summary (based on cube transformation): Mean=0.00003138, Std. Dev.=0.000007789, n=14. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8408, critical = 0.825. Kappa = 1.959 (c=15, w=9, 1 of 3, event alpha = 0.05132). Report alpha = 0.0003901.

Constituent: Barium Analysis Run 4/28/2021 3:26 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Within Limit

Prediction Limit
Intrawell Parametric

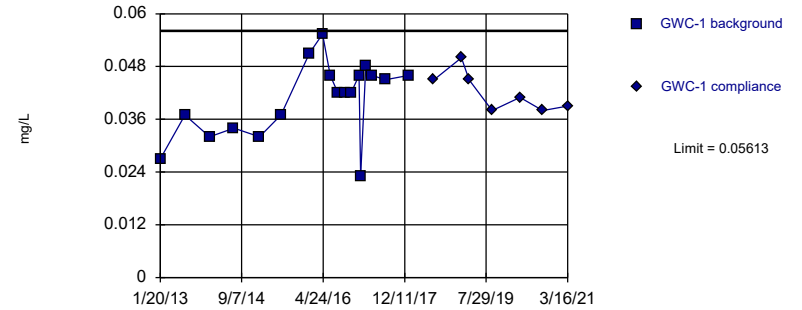


Background Data Summary (based on square root transformation): Mean=0.1258, Std. Dev.=0.02092, n=34. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.942, critical = 0.908. Kappa = 1.623 (c=15, w=9, 1 of 3, event alpha = 0.05132). Report alpha = 0.0003901.

Constituent: Barium Analysis Run 4/28/2021 3:26 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Within Limit

Prediction Limit
Intrawell Parametric

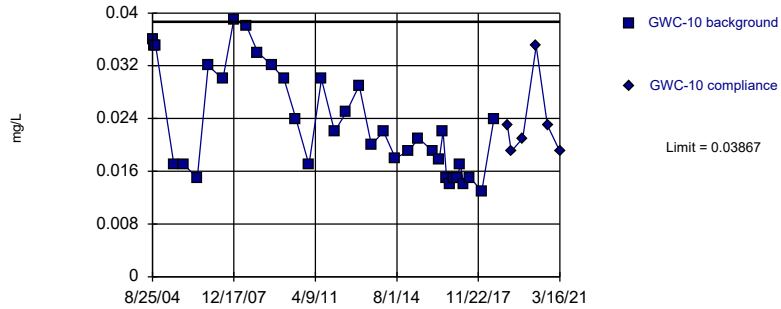


Background Data Summary: Mean=0.04063, Std. Dev.=0.008527, n=18. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9599, critical = 0.858. Kappa = 1.817 (c=15, w=9, 1 of 3, event alpha = 0.05132). Report alpha = 0.0003901.

Constituent: Barium Analysis Run 4/28/2021 3:26 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Within Limit

Prediction Limit
Intrawell Parametric

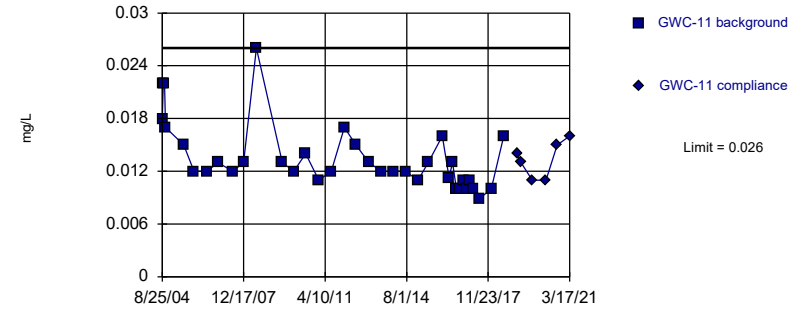


Background Data Summary (based on natural log transformation): Mean=-3.803, Std. Dev.=0.3426, n=37. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9161, critical = 0.914. Kappa = 1.606 (c=15, w=9, 1 of 3, event alpha = 0.05132). Report alpha = 0.0003901.

Constituent: Barium Analysis Run 4/28/2021 3:26 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

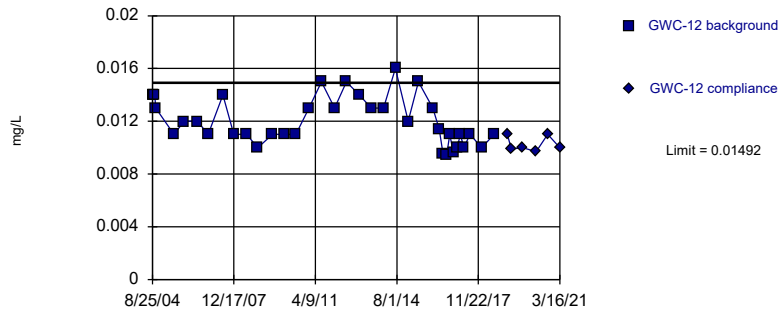


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 36 background values. Well-constituent pair annual alpha = 0.0002219. Individual comparison alpha = 0.000111 (1 of 3).

Constituent: Barium Analysis Run 4/28/2021 3:26 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Within Limit

Prediction Limit
Intrawell Parametric

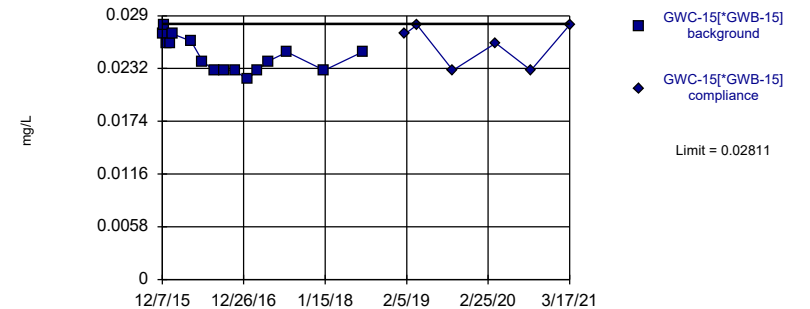


Background Data Summary: Mean=0.01205, Std. Dev.=0.001788, n=37. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9235, critical = 0.914. Kappa = 1.606 (c=15, w=9, 1 of 3, event alpha = 0.05132). Report alpha = 0.0003901.

Constituent: Barium Analysis Run 4/28/2021 3:26 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Within Limit

Prediction Limit
Intrawell Parametric

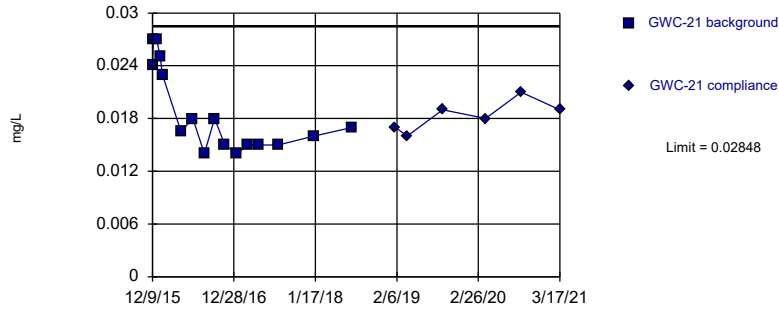


Background Data Summary: Mean=0.0247, Std. Dev.=0.001826, n=16. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9229, critical = 0.844. Kappa = 1.868 (c=15, w=9, 1 of 3, event alpha = 0.05132). Report alpha = 0.0003901.

Constituent: Barium Analysis Run 4/28/2021 3:26 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Within Limit

Prediction Limit
Intrawell Parametric

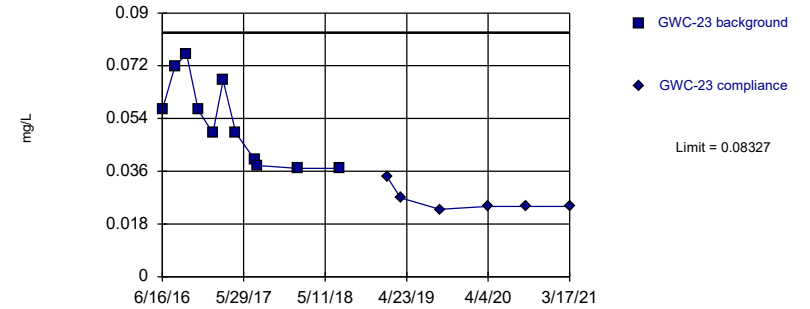


Background Data Summary (based on natural log transformation): Mean=-4.006, Std. Dev.=0.2397, n=16. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8501, critical = 0.844. Kappa = 1.868 (c=15, w=9, 1 of 3, event alpha = 0.05132). Report alpha = 0.0003901.

Constituent: Barium Analysis Run 4/28/2021 3:26 PM View: EPD
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Within Limit

Prediction Limit
Intrawell Parametric

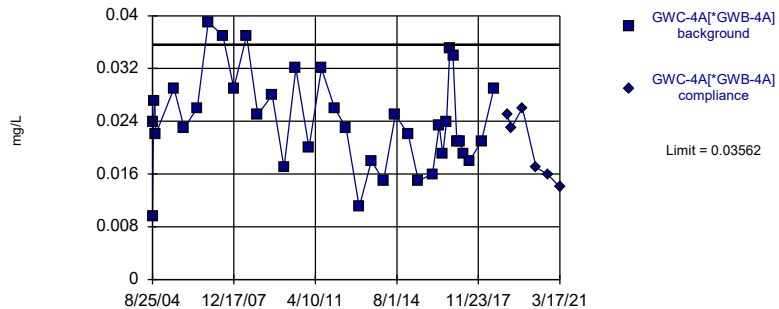


Background Data Summary: Mean=0.05264, Std. Dev.=0.01433, n=11. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8994, critical = 0.792. Kappa = 2.137 (c=15, w=9, 1 of 3, event alpha = 0.05132). Report alpha = 0.0003901.

Constituent: Barium Analysis Run 4/28/2021 3:26 PM View: EPD
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Within Limit

Prediction Limit
Intrawell Parametric

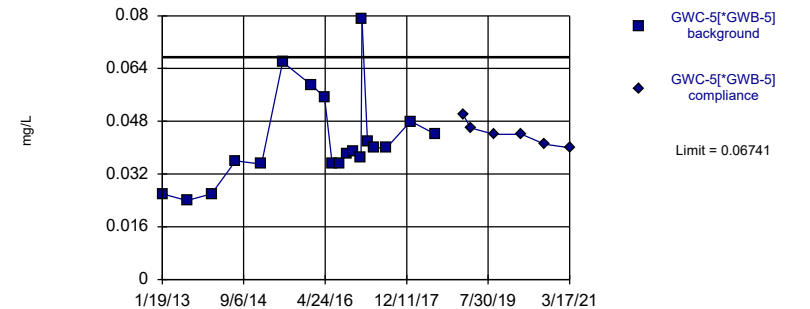


Background Data Summary: Mean=0.02411, Std. Dev.=0.007165, n=37. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9779, critical = 0.914. Kappa = 1.606 (c=15, w=9, 1 of 3, event alpha = 0.05132). Report alpha = 0.0003901.

Constituent: Barium Analysis Run 4/28/2021 3:26 PM View: EPD
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Within Limit

Prediction Limit
Intrawell Parametric

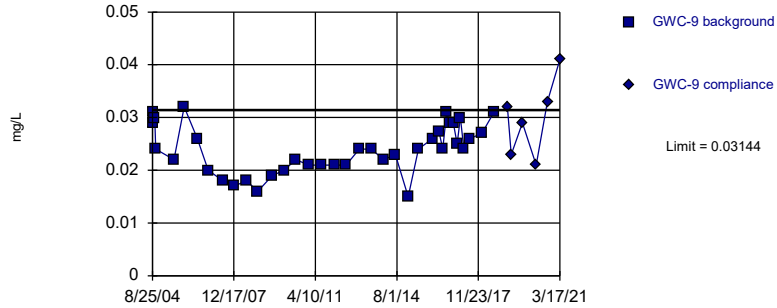


Background Data Summary: Mean=0.04233, Std. Dev.=0.014, n=19. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8921, critical = 0.863. Kappa = 1.792 (c=15, w=9, 1 of 3, event alpha = 0.05132). Report alpha = 0.0003901.

Constituent: Barium Analysis Run 4/28/2021 3:26 PM View: EPD
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Exceeds Limit

Prediction Limit Intrawell Parametric

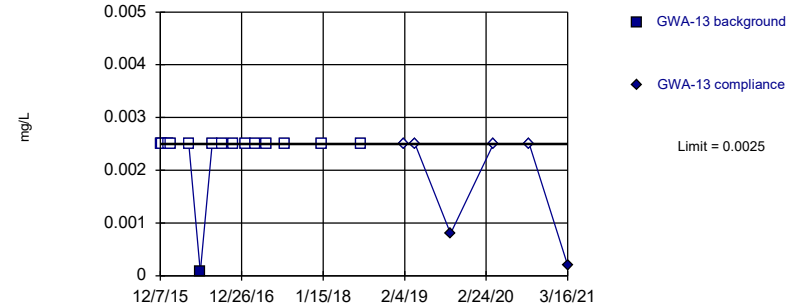


Background Data Summary: Mean=0.02404, Std. Dev.=0.004605, n=37. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9616, critical = 0.914. Kappa = 1.606 (c=15, w=9, 1 of 3, event alpha = 0.05132). Report alpha = 0.0003901.

Constituent: Barium Analysis Run 4/28/2021 3:26 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

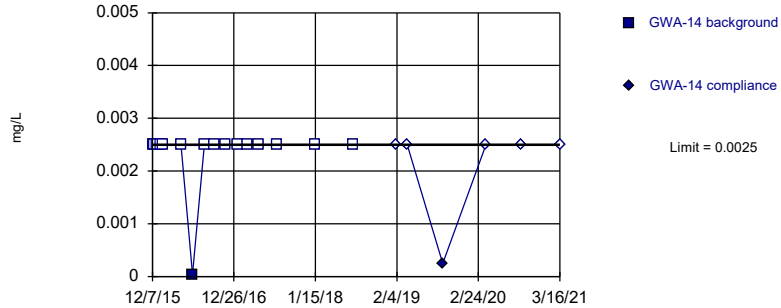


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 93.33% NDs. Well-constituent pair annual alpha = 0.002624. Individual comparison alpha = 0.001313 (1 of 3).

Constituent: Beryllium Analysis Run 4/28/2021 3:26 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

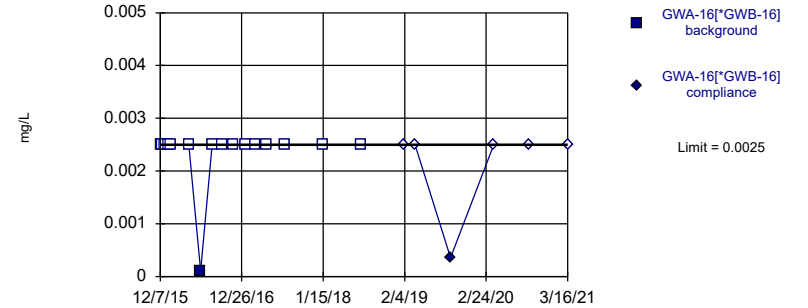


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Beryllium Analysis Run 4/28/2021 3:26 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Within Limit

Prediction Limit Intrawell Non-parametric

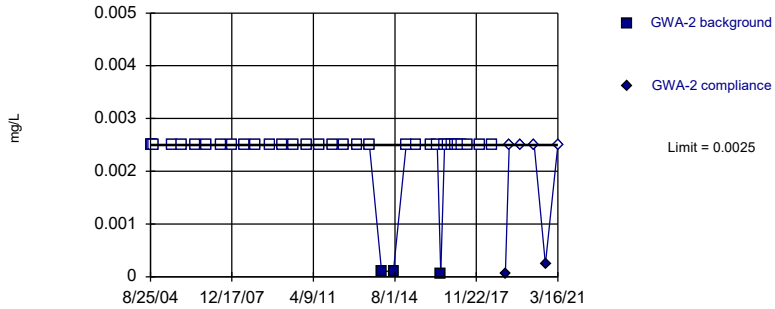


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Beryllium Analysis Run 4/28/2021 3:26 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

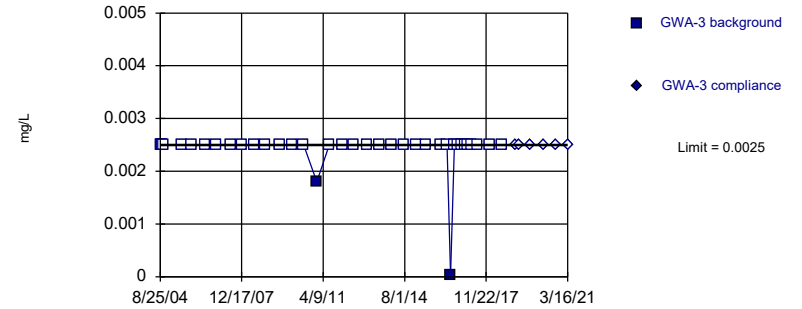


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 91.89% NDs. Well-constituent pair annual alpha = 0.0002069. Individual comparison alpha = 0.0001035 (1 of 3).

Constituent: Beryllium Analysis Run 4/28/2021 3:26 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

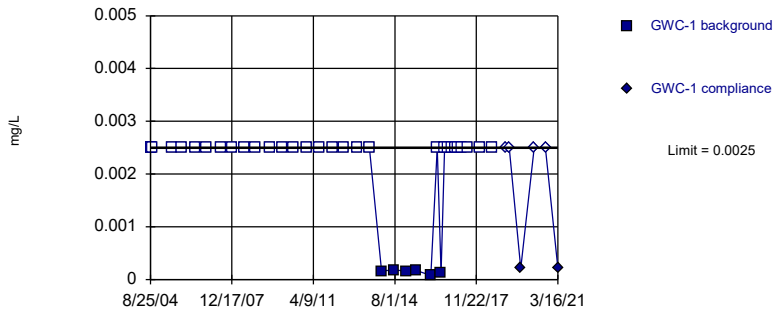


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 94.59% NDs. Well-constituent pair annual alpha = 0.0002069. Individual comparison alpha = 0.0001035 (1 of 3).

Constituent: Beryllium Analysis Run 4/28/2021 3:26 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

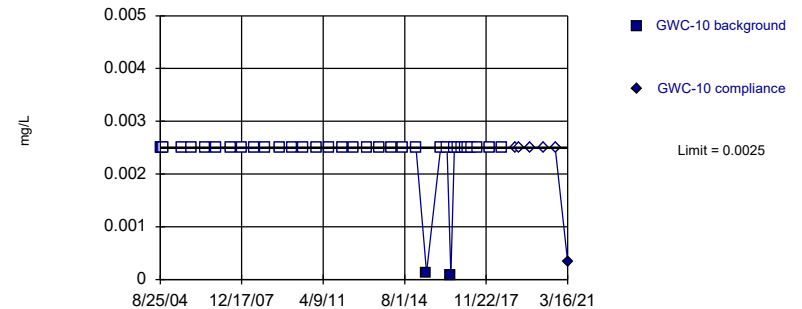


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 83.78% NDs. Well-constituent pair annual alpha = 0.0002069. Individual comparison alpha = 0.0001035 (1 of 3).

Constituent: Beryllium Analysis Run 4/28/2021 3:26 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

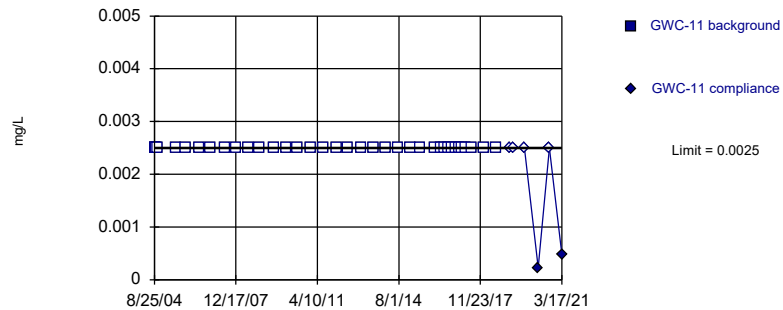


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 94.59% NDs. Well-constituent pair annual alpha = 0.0002069. Individual comparison alpha = 0.0001035 (1 of 3).

Constituent: Beryllium Analysis Run 4/28/2021 3:26 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

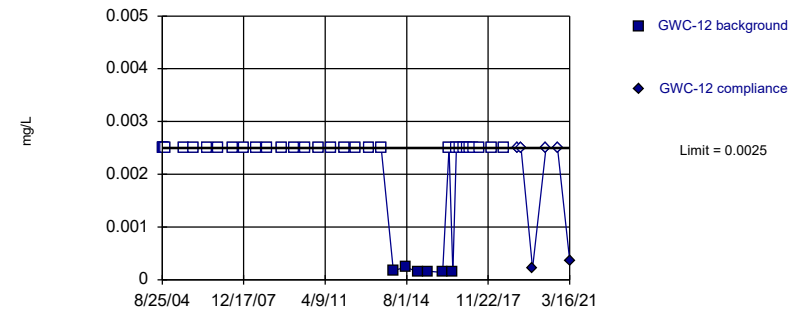


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 37) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0002069. Individual comparison alpha = 0.0001035 (1 of 3).

Constituent: Beryllium Analysis Run 4/28/2021 3:26 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

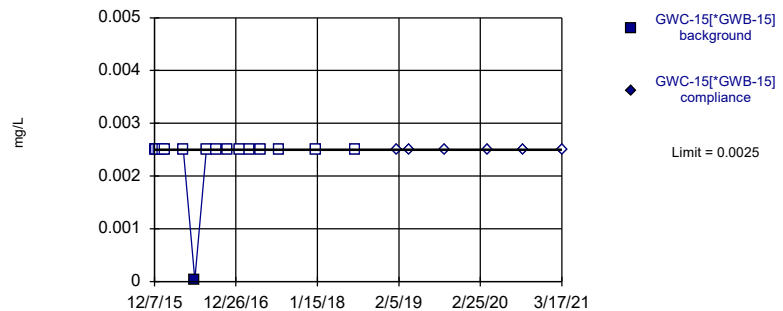


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 83.78% NDs. Well-constituent pair annual alpha = 0.0002069. Individual comparison alpha = 0.0001035 (1 of 3).

Constituent: Beryllium Analysis Run 4/28/2021 3:26 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

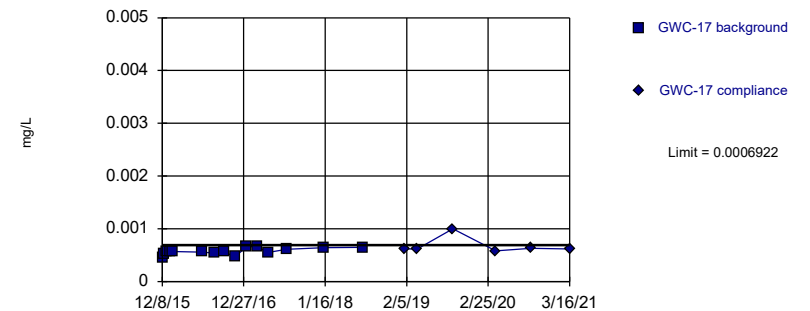


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Beryllium Analysis Run 4/28/2021 3:26 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
Within Limit

Prediction Limit
Intrawell Parametric

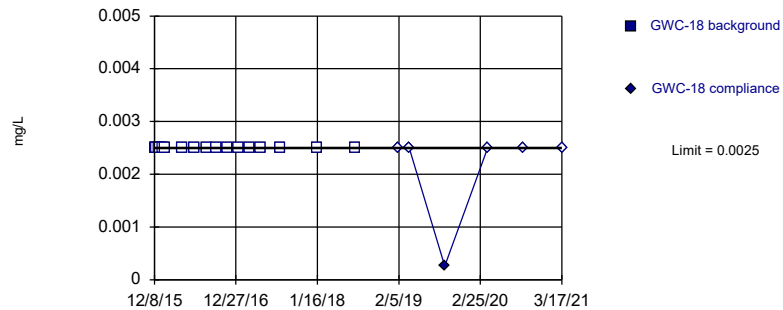


Background Data Summary: Mean=0.000572, Std. Dev.=0.00006281, n=15. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9284, critical = 0.835. Kappa = 1.913 (c=15, w=9, 1 of 3, event alpha = 0.05132). Report alpha = 0.0003901.

Constituent: Beryllium Analysis Run 4/28/2021 3:26 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

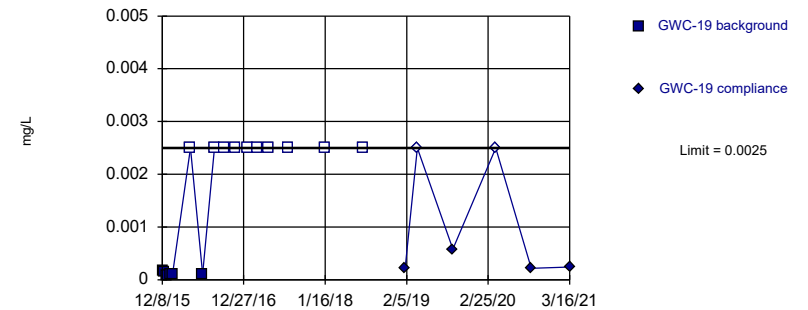


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Beryllium Analysis Run 4/28/2021 3:26 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

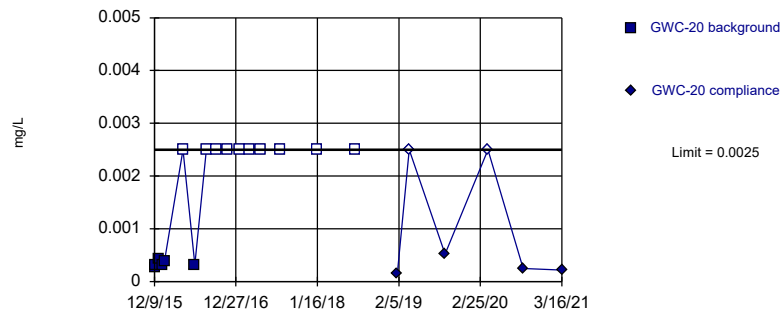


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 62.5% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Beryllium Analysis Run 4/28/2021 3:26 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

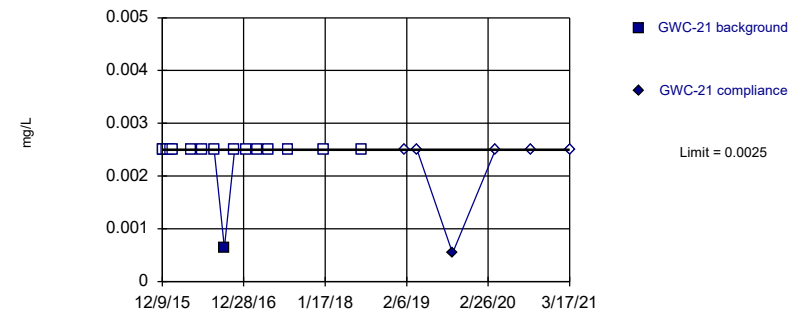


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 62.5% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Beryllium Analysis Run 4/28/2021 3:26 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

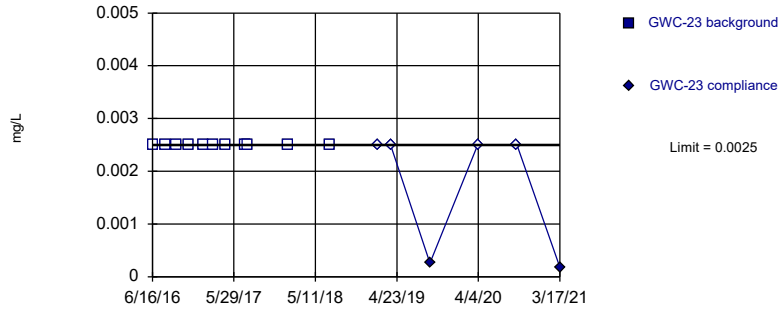


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Beryllium Analysis Run 4/28/2021 3:26 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

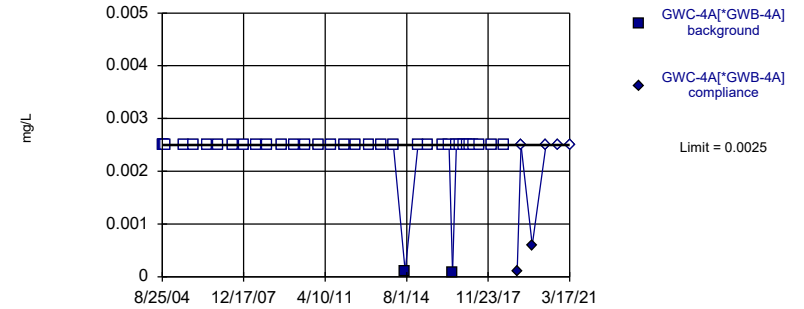


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 11) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.005605. Individual comparison alpha = 0.002806 (1 of 3).

Constituent: Beryllium Analysis Run 4/28/2021 3:26 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

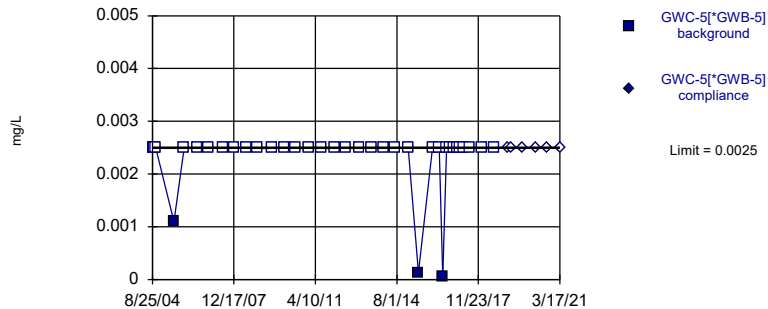


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 94.59% NDs. Well-constituent pair annual alpha = 0.0002069. Individual comparison alpha = 0.0001035 (1 of 3).

Constituent: Beryllium Analysis Run 4/28/2021 3:26 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

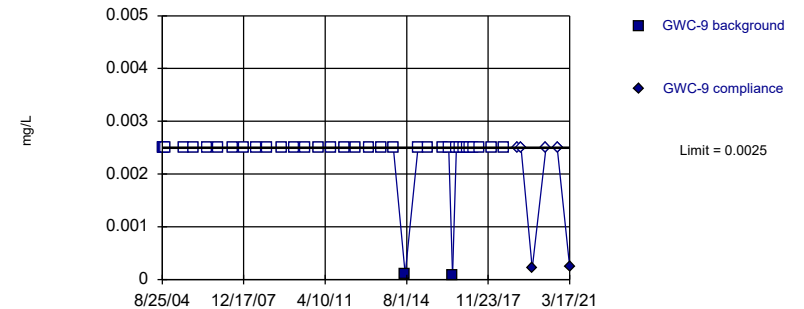


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 39 background values. 92.31% NDs. Well-constituent pair annual alpha = 0.000177. Individual comparison alpha = 0.00008849 (1 of 3).

Constituent: Beryllium Analysis Run 4/28/2021 3:26 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

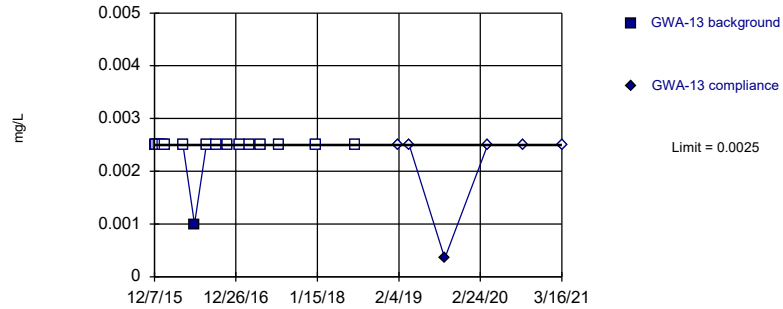


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 94.59% NDs. Well-constituent pair annual alpha = 0.0002069. Individual comparison alpha = 0.0001035 (1 of 3).

Constituent: Beryllium Analysis Run 4/28/2021 3:26 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

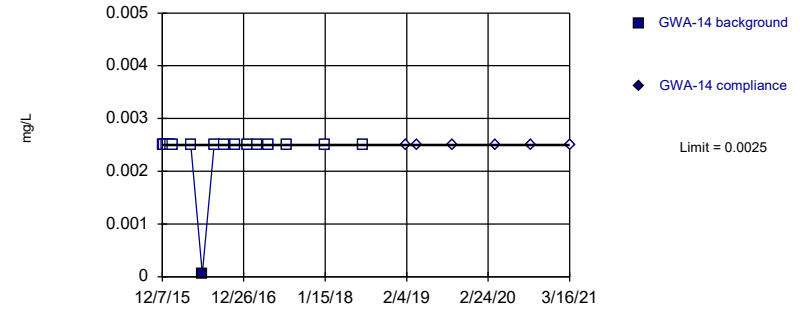


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Cadmium Analysis Run 4/28/2021 3:26 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

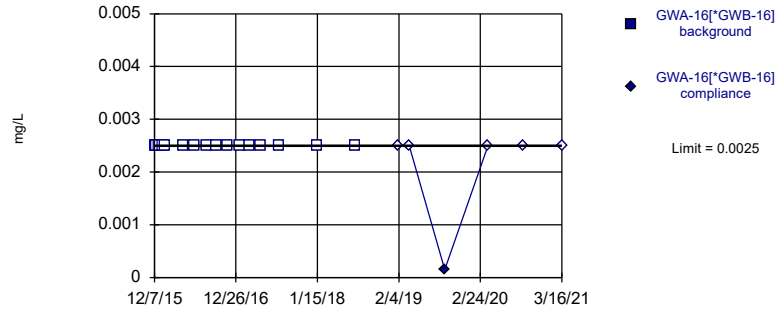


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Cadmium Analysis Run 4/28/2021 3:26 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

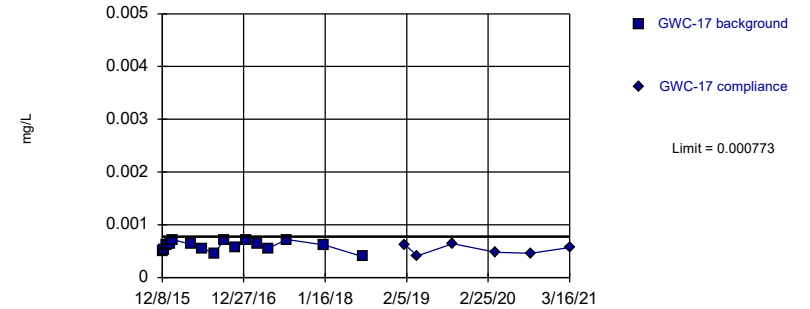


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Cadmium Analysis Run 4/28/2021 3:26 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
Within Limit

Prediction Limit
Intrawell Parametric

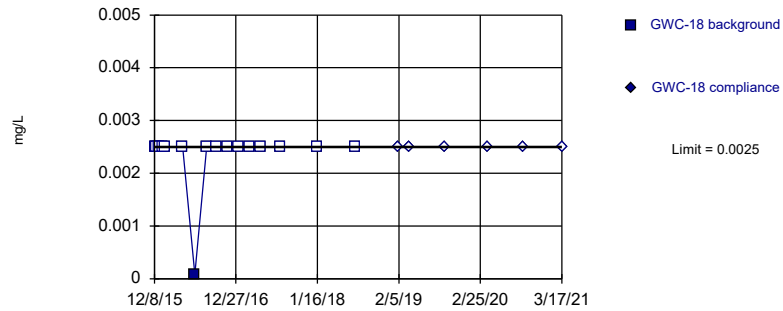


Background Data Summary: Mean=0.0005946, Std. Dev.=0.00009557, n=16. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9467, critical = 0.844. Kappa = 1.868 (c=15, w=9, 1 of 3, event alpha = 0.05132). Report alpha = 0.0003901.

Constituent: Cadmium Analysis Run 4/28/2021 3:26 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

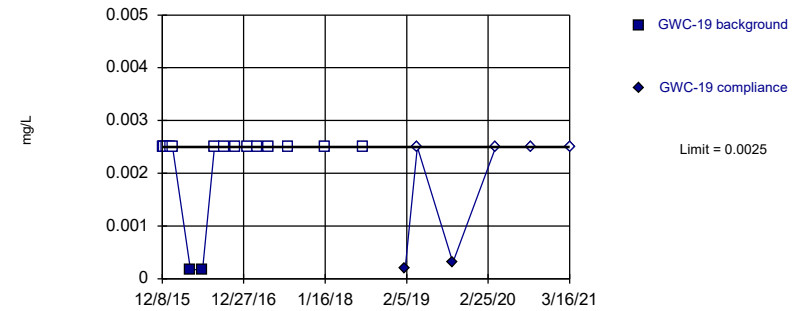


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Cadmium Analysis Run 4/28/2021 3:26 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

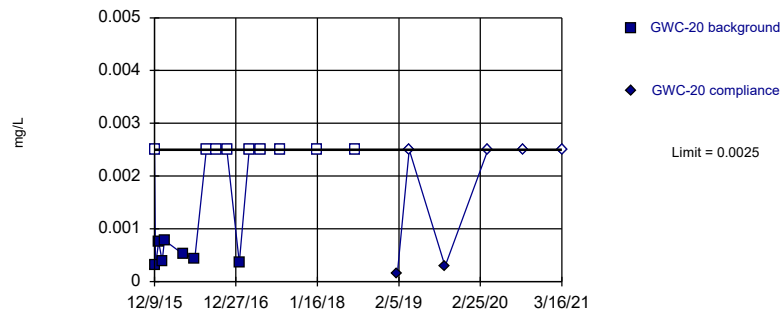


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Cadmium Analysis Run 4/28/2021 3:26 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

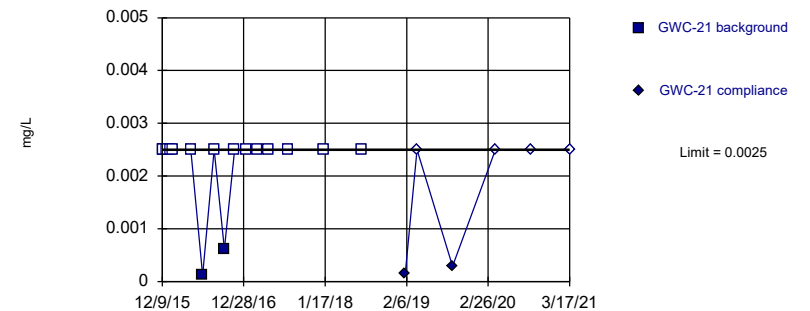


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 56.25% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Cadmium Analysis Run 4/28/2021 3:26 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric



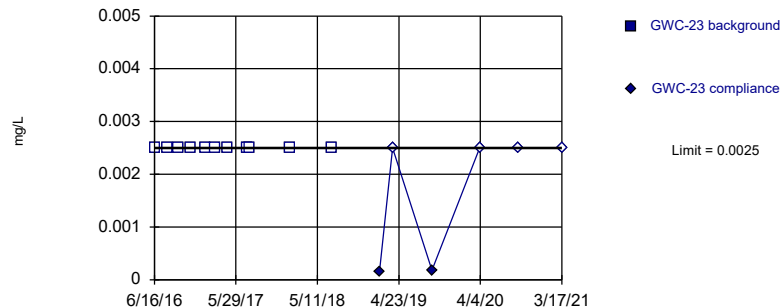
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Cadmium Analysis Run 4/28/2021 3:26 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



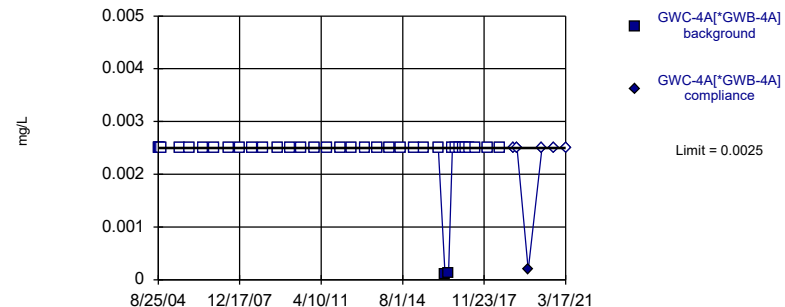
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 11) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.005605. Individual comparison alpha = 0.002806 (1 of 3).

Constituent: Cadmium Analysis Run 4/28/2021 3:26 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



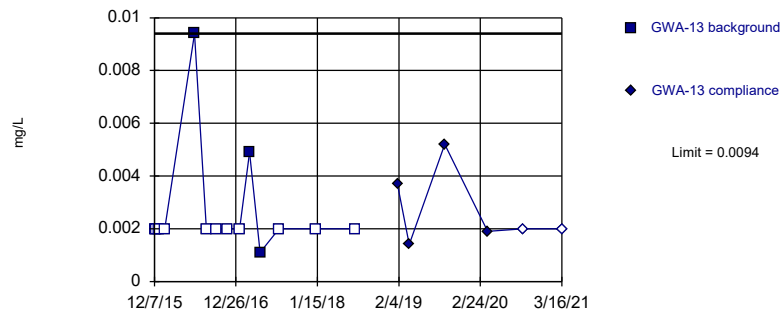
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 94.59% NDs. Well-constituent pair annual alpha = 0.0002069. Individual comparison alpha = 0.0001035 (1 of 3).

Constituent: Cadmium Analysis Run 4/28/2021 3:26 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



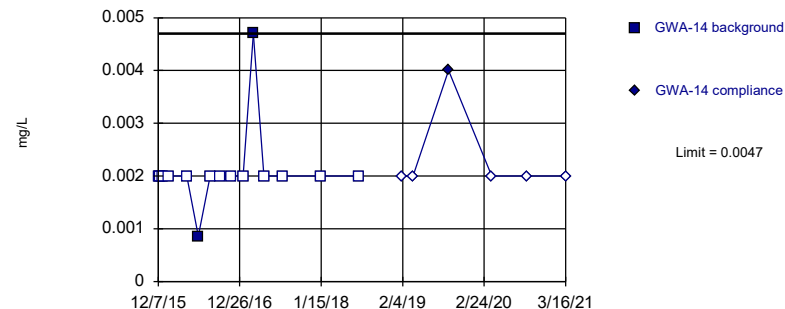
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 14 background values. 78.57% NDs. Well-constituent pair annual alpha = 0.003197. Individual comparison alpha = 0.0016 (1 of 3).

Constituent: Chromium Analysis Run 4/28/2021 3:26 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric

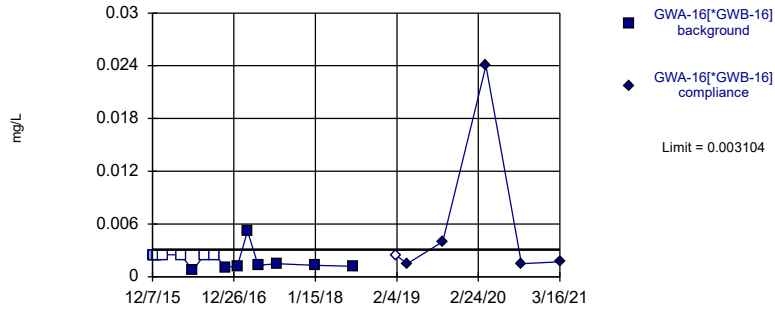


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 86.67% NDs. Well-constituent pair annual alpha = 0.002624. Individual comparison alpha = 0.001313 (1 of 3).

Constituent: Chromium Analysis Run 4/28/2021 3:26 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Parametric

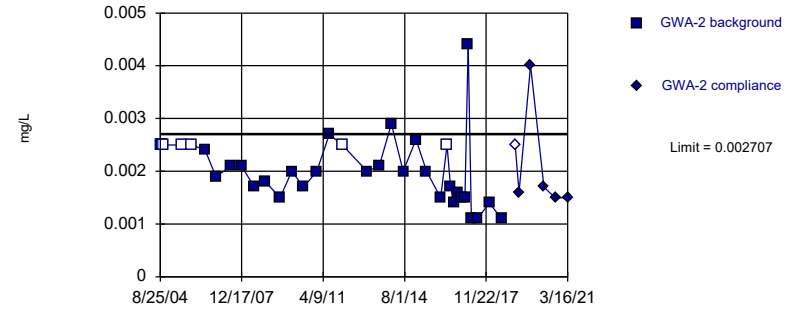


Background Data Summary (based on square root transformation) (after Kaplan-Meier Adjustment): Mean=0.03555, Std. Dev.=0.01054, n=15, 46.67% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8618, critical = 0.835. Kappa = 1.913 (c=15, w=9, 1 of 3, event alpha = 0.05132). Report alpha = 0.0003901.

Constituent: Chromium Analysis Run 4/28/2021 3:27 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Parametric

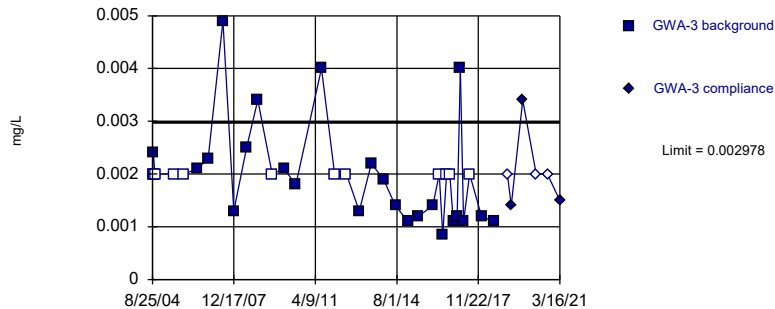


Background Data Summary (based on square root transformation) (after Kaplan-Meier Adjustment): Mean=0.03983, Std. Dev.=0.007574, n=36, 22.22% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9394, critical = 0.912. Kappa = 1.611 (c=15, w=9, 1 of 3, event alpha = 0.05132). Report alpha = 0.0003901.

Constituent: Chromium Analysis Run 4/28/2021 3:27 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Parametric

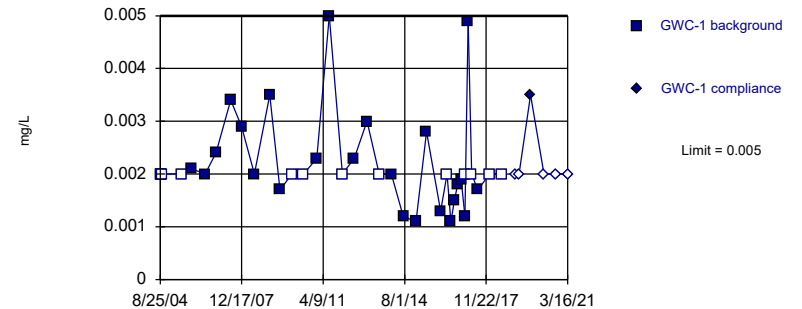


Background Data Summary (based on natural log transformation) (after Kaplan-Meier Adjustment): Mean=-6.609, Std. Dev.=0.4922, n=36, 33.33% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9209, critical = 0.912. Kappa = 1.611 (c=15, w=9, 1 of 3, event alpha = 0.05132). Report alpha = 0.0003901.

Constituent: Chromium Analysis Run 4/28/2021 3:27 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

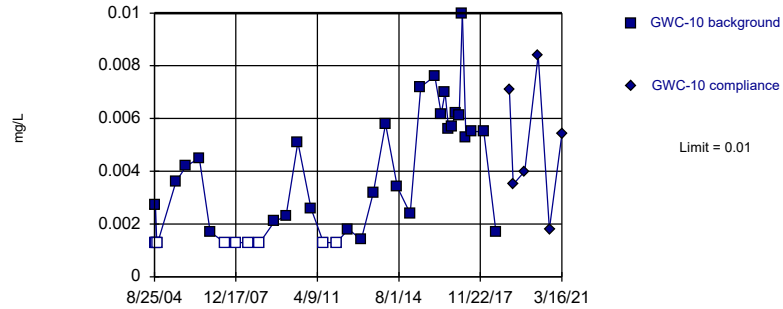


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 37 background values. 35.14% NDs. Well-constituent pair annual alpha = 0.0002069. Individual comparison alpha = 0.0001035 (1 of 3).

Constituent: Chromium Analysis Run 4/28/2021 3:27 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

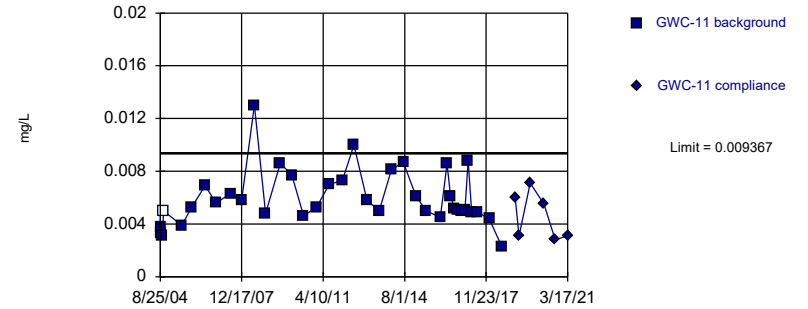


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 37 background values. 24.32% NDs. Well-constituent pair annual alpha = 0.0002069. Individual comparison alpha = 0.0001035 (1 of 3).

Constituent: Chromium Analysis Run 4/28/2021 3:27 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Parametric

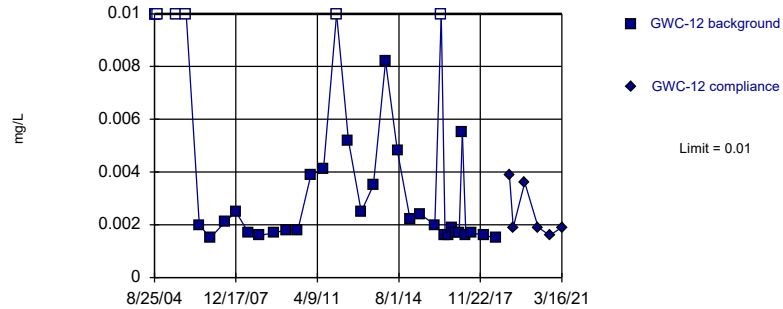


Background Data Summary: Mean=0.005969, Std. Dev.=0.002115, n=37, 2.703% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9194, critical = 0.914. Kappa = 1.606 (c=15, w=9, 1 of 3, event alpha = 0.05132). Report alpha = 0.0003901.

Constituent: Chromium Analysis Run 4/28/2021 3:27 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

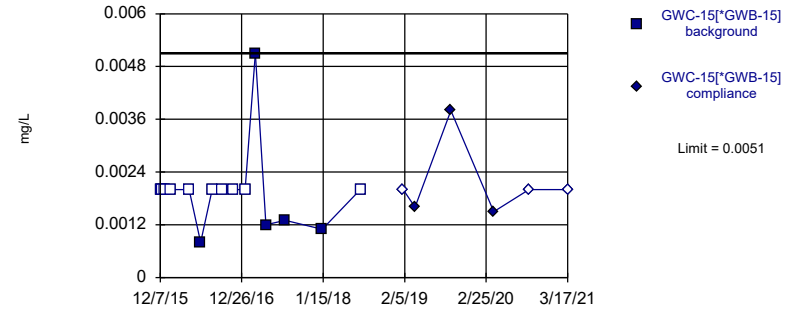


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 37 background values. 21.62% NDs. Well-constituent pair annual alpha = 0.0002069. Individual comparison alpha = 0.0001035 (1 of 3).

Constituent: Chromium Analysis Run 4/28/2021 3:27 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

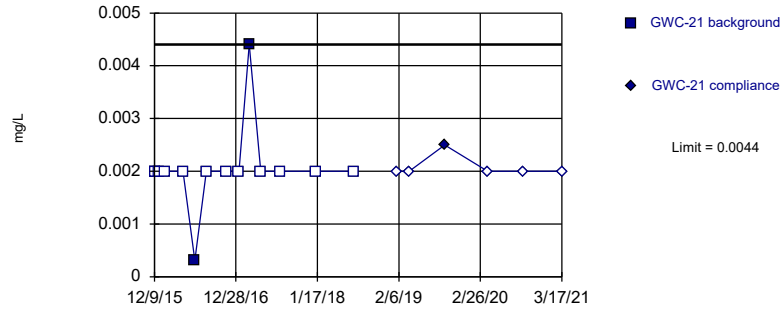


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 15 background values. 66.67% NDs. Well-constituent pair annual alpha = 0.002624. Individual comparison alpha = 0.001313 (1 of 3).

Constituent: Chromium Analysis Run 4/28/2021 3:27 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

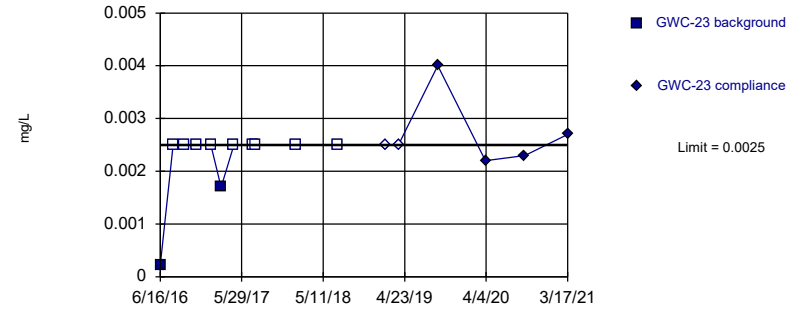


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 14 background values. 85.71% NDs. Well-constituent pair annual alpha = 0.003197. Individual comparison alpha = 0.0016 (1 of 3).

Constituent: Chromium Analysis Run 4/28/2021 3:27 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Exceeds Limit

Prediction Limit
Intrawell Non-parametric

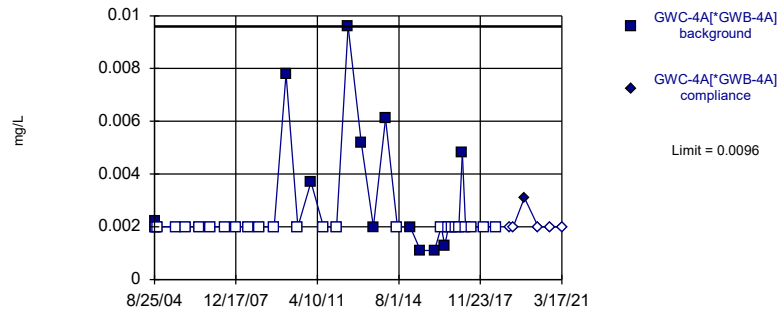


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 11 background values. 81.82% NDs. Well-constituent pair annual alpha = 0.005605. Individual comparison alpha = 0.002806 (1 of 3).

Constituent: Chromium Analysis Run 4/28/2021 3:27 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

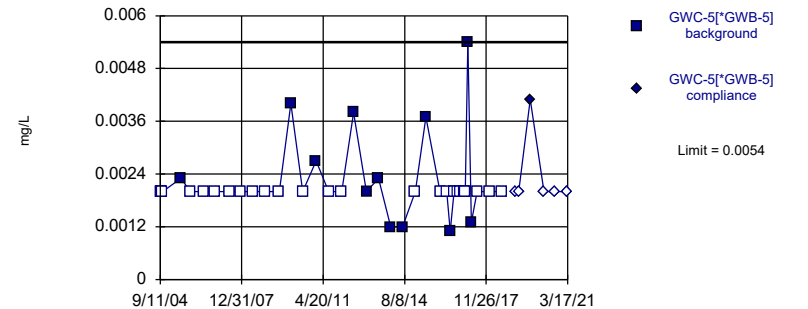


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 67.57% NDs. Well-constituent pair annual alpha = 0.0002069. Individual comparison alpha = 0.0001035 (1 of 3).

Constituent: Chromium Analysis Run 4/28/2021 3:27 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

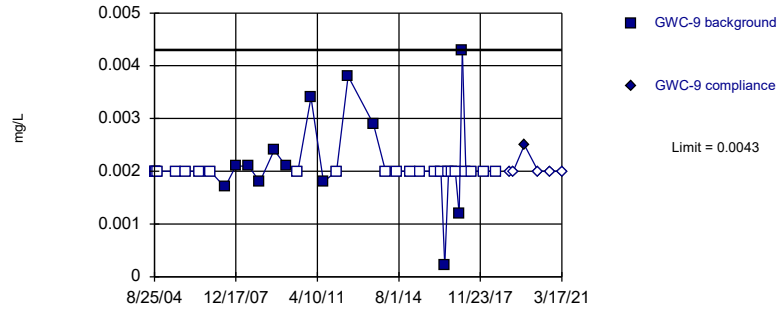


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 65.79% NDs. Well-constituent pair annual alpha = 0.000192. Individual comparison alpha = 0.00009598 (1 of 3).

Constituent: Chromium Analysis Run 4/28/2021 3:27 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

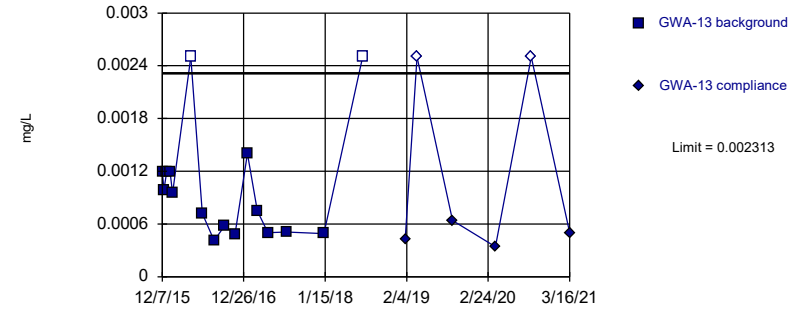


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 63.89% NDs. Well-constituent pair annual alpha = 0.0002219. Individual comparison alpha = 0.000111 (1 of 3).

Constituent: Chromium Analysis Run 4/28/2021 3:27 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Parametric

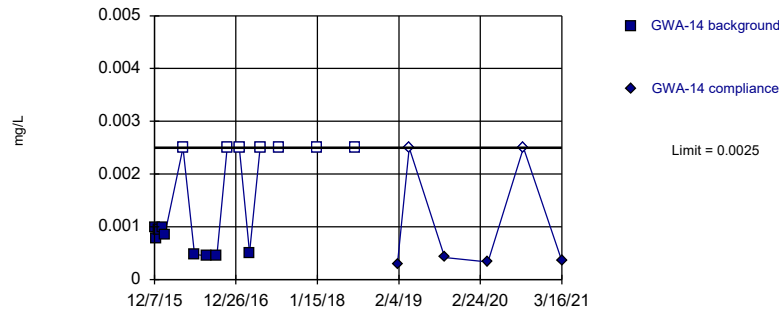


Background Data Summary (based on square root transformation): Mean=0.0307, Std. Dev.=0.009318, n=16, 12.5% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8703, critical = 0.844. Kappa = 1.868 (c=15, w=9, 1 of 3, event alpha = 0.05132). Report alpha = 0.0003901.

Constituent: Cobalt Analysis Run 4/28/2021 3:27 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

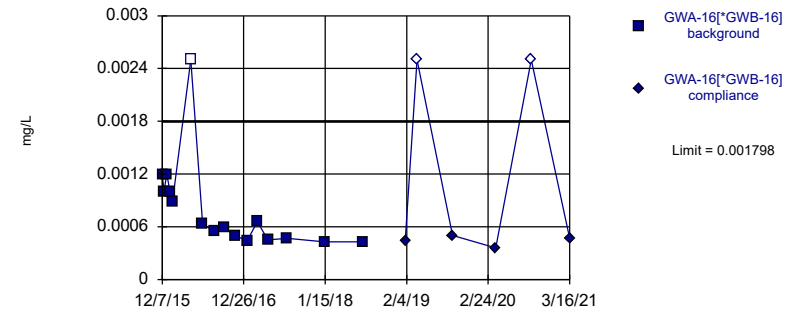


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 16 background values. 43.75% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Cobalt Analysis Run 4/28/2021 3:27 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Parametric

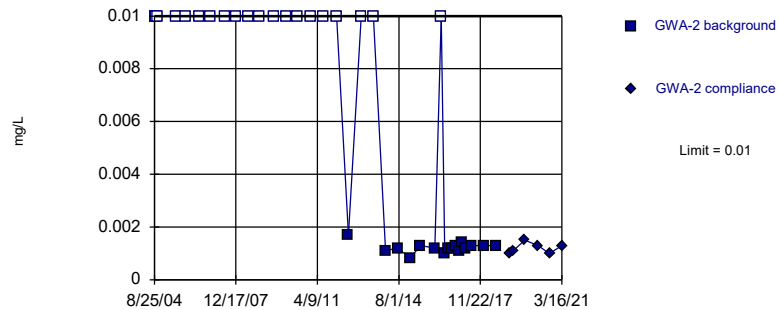


Background Data Summary (based on natural log transformation): Mean=-7.257, Std. Dev.=0.5015, n=16, 6.25% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.873, critical = 0.844. Kappa = 1.868 (c=15, w=9, 1 of 3, event alpha = 0.05132). Report alpha = 0.0003901.

Constituent: Cobalt Analysis Run 4/28/2021 3:27 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

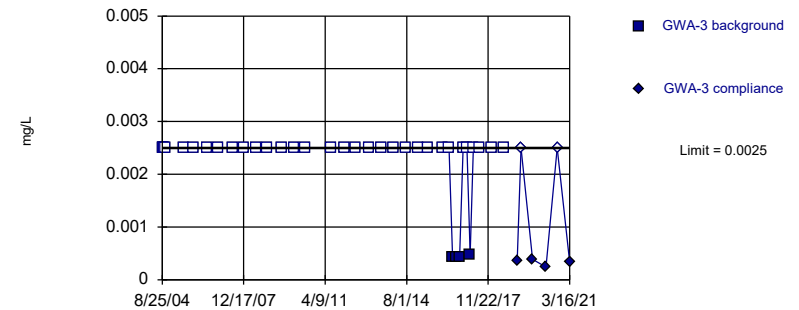


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 56.76% NDs. Well-constituent pair annual alpha = 0.0002069. Individual comparison alpha = 0.0001035 (1 of 3).

Constituent: Cobalt Analysis Run 4/28/2021 3:27 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

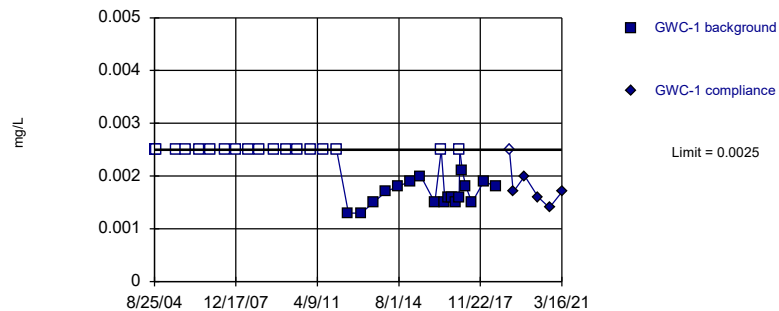


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 36 background values. 88.89% NDs. Well-constituent pair annual alpha = 0.0002219. Individual comparison alpha = 0.000111 (1 of 3).

Constituent: Cobalt Analysis Run 4/28/2021 3:27 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

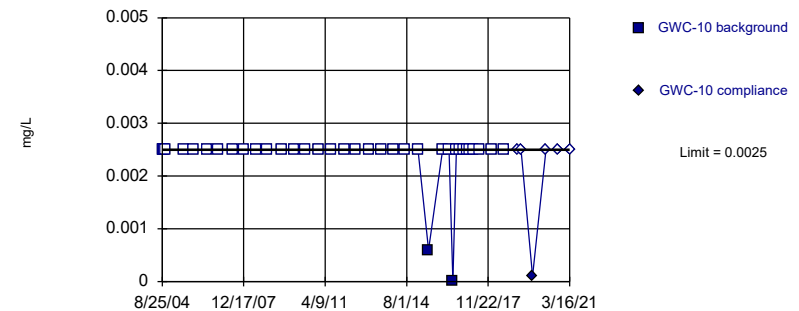


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 51.35% NDs. Well-constituent pair annual alpha = 0.0002069. Individual comparison alpha = 0.0001035 (1 of 3).

Constituent: Cobalt Analysis Run 4/28/2021 3:27 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

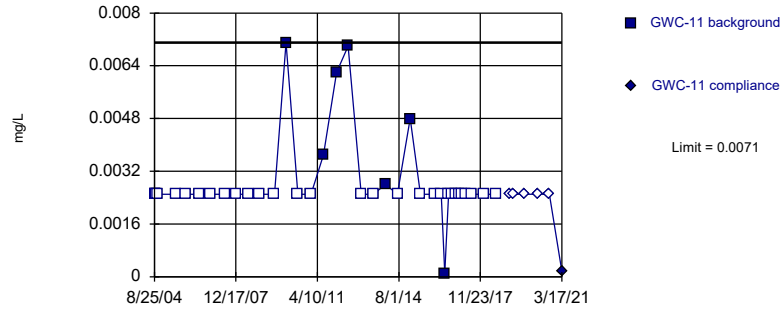


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 94.59% NDs. Well-constituent pair annual alpha = 0.0002069. Individual comparison alpha = 0.0001035 (1 of 3).

Constituent: Cobalt Analysis Run 4/28/2021 3:27 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
 Hollow symbols indicate censored values.
 Within Limit

Prediction Limit
 Intrawell Non-parametric

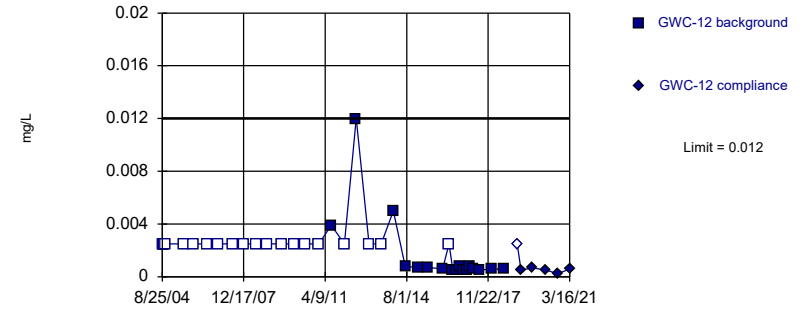


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 81.08% NDs. Well-constituent pair annual alpha = 0.0002069. Individual comparison alpha = 0.0001035 (1 of 3).

Constituent: Cobalt Analysis Run 4/28/2021 3:27 PM View: EPD
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
 Hollow symbols indicate censored values.
 Within Limit

Prediction Limit
 Intrawell Non-parametric

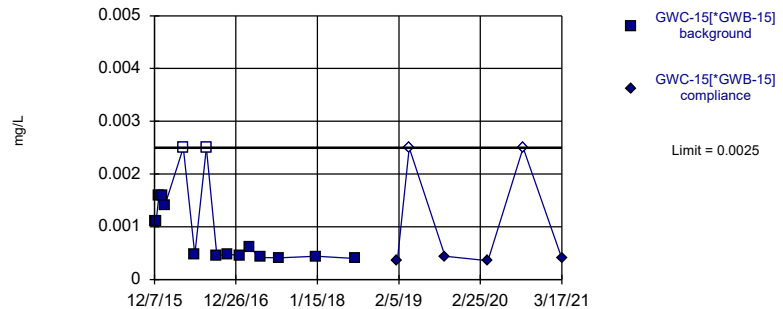


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 54.05% NDs. Well-constituent pair annual alpha = 0.0002069. Individual comparison alpha = 0.0001035 (1 of 3).

Constituent: Cobalt Analysis Run 4/28/2021 3:27 PM View: EPD
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
 Hollow symbols indicate censored values.
 Within Limit

Prediction Limit
 Intrawell Non-parametric

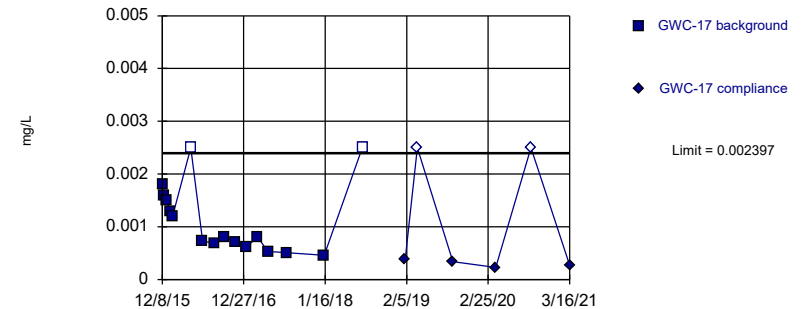


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 16 background values. 12.5% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Cobalt Analysis Run 4/28/2021 3:27 PM View: EPD
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
 Hollow symbols indicate censored values.
 Within Limit

Prediction Limit
 Intrawell Parametric

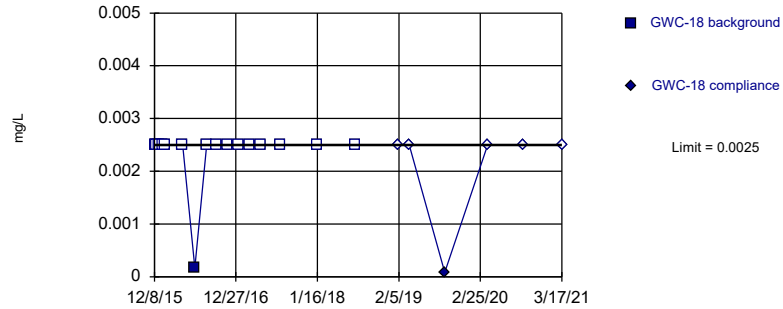


Background Data Summary: Mean=0.001142, Std. Dev.=0.0006723, n=16, 12.5% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.85, critical = 0.844. Kappa = 1.868 (c=15, w=9, 1 of 3, event alpha = 0.05132). Report alpha = 0.0003901.

Constituent: Cobalt Analysis Run 4/28/2021 3:27 PM View: EPD
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

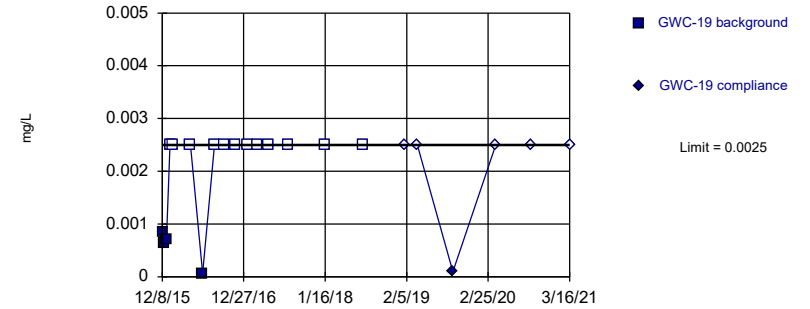


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Cobalt Analysis Run 4/28/2021 3:27 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

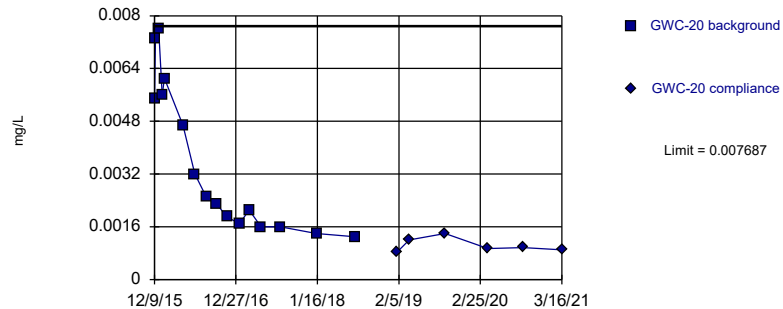


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 75% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Cobalt Analysis Run 4/28/2021 3:27 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
Within Limit

Prediction Limit
Intrawell Parametric

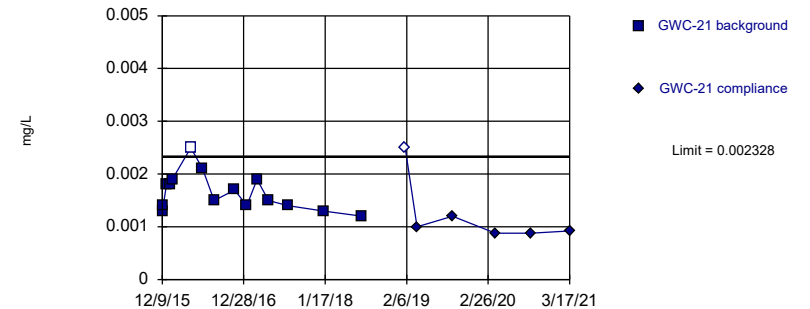


Background Data Summary: Mean=0.003524, Std. Dev.=0.00223, n=16. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8444, critical = 0.844. Kappa = 1.868 (c=15, w=9, 1 of 3, event alpha = 0.05132). Report alpha = 0.0003901.

Constituent: Cobalt Analysis Run 4/28/2021 3:27 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Parametric

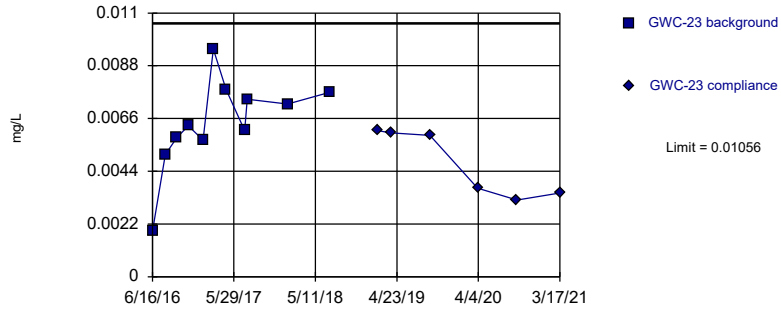


Background Data Summary: Mean=0.001647, Std. Dev.=0.0003563, n=15, 6.667% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9154, critical = 0.835. Kappa = 1.913 (c=15, w=9, 1 of 3, event alpha = 0.05132). Report alpha = 0.0003901.

Constituent: Cobalt Analysis Run 4/28/2021 3:27 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Within Limit

Prediction Limit Intrawell Parametric



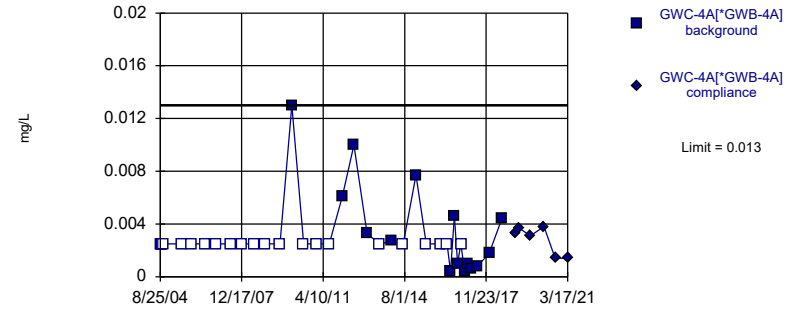
Background Data Summary: Mean=0.006409, Std. Dev.=0.001944, n=11. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9239, critical = 0.792. Kappa = 2.137 (c=15, w=9, 1 of 3, event alpha = 0.05132). Report alpha = 0.0003901.

Constituent: Cobalt Analysis Run 4/28/2021 3:27 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



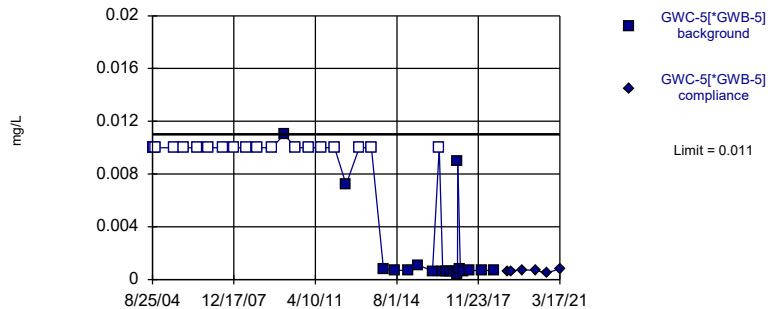
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 59.46% NDs. Well-constituent pair annual alpha = 0.0002069. Individual comparison alpha = 0.0001035 (1 of 3).

Constituent: Cobalt Analysis Run 4/28/2021 3:27 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



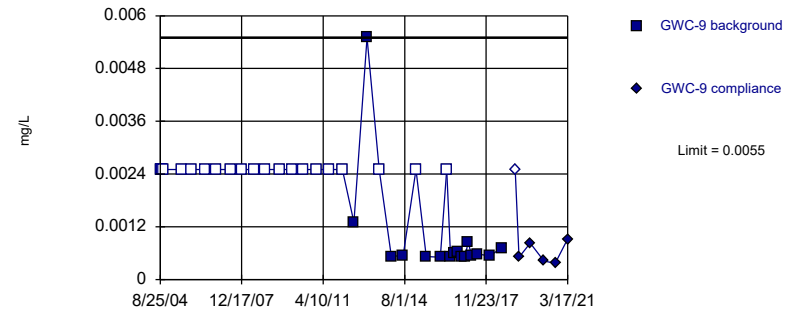
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 39 background values. 51.28% NDs. Well-constituent pair annual alpha = 0.000177. Individual comparison alpha = 0.00008849 (1 of 3).

Constituent: Cobalt Analysis Run 4/28/2021 3:27 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric

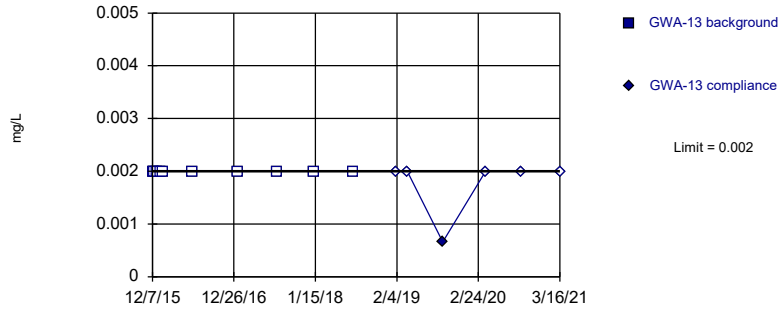


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 56.76% NDs. Well-constituent pair annual alpha = 0.0002069. Individual comparison alpha = 0.0001035 (1 of 3).

Constituent: Cobalt Analysis Run 4/28/2021 3:27 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

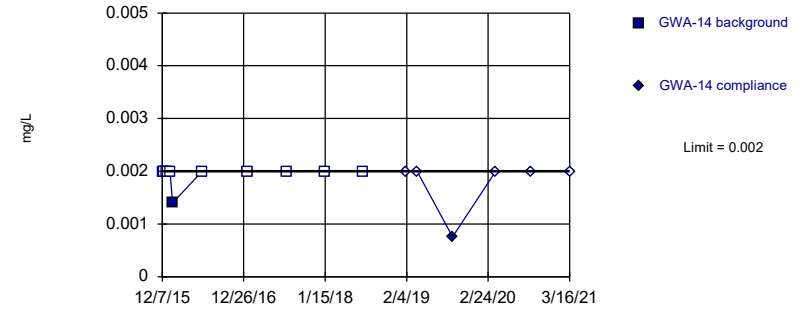


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 10) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.006868. Individual comparison alpha = 0.00344 (1 of 3).

Constituent: Copper Analysis Run 4/28/2021 3:27 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

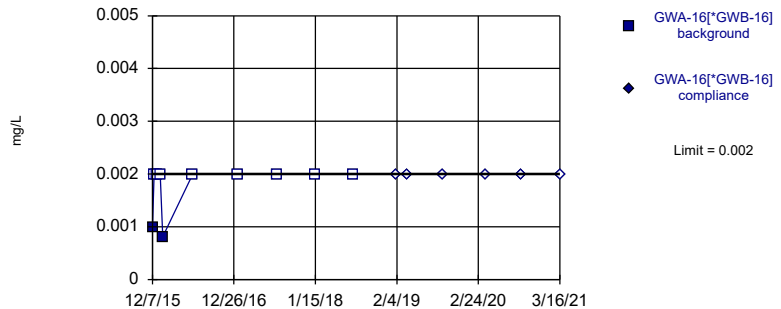


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 10 background values. 90% NDs. Well-constituent pair annual alpha = 0.006868. Individual comparison alpha = 0.00344 (1 of 3).

Constituent: Copper Analysis Run 4/28/2021 3:27 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

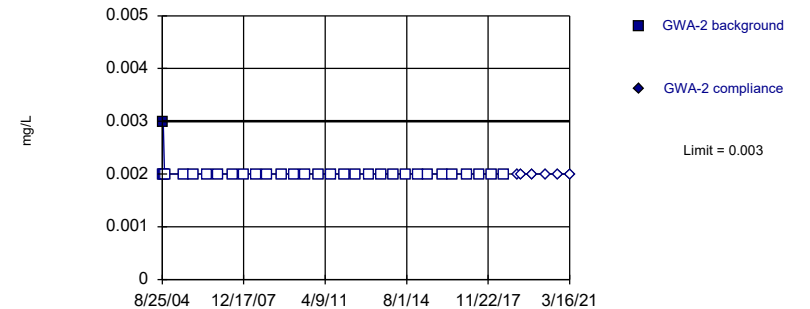


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 10 background values. 80% NDs. Well-constituent pair annual alpha = 0.006868. Individual comparison alpha = 0.00344 (1 of 3).

Constituent: Copper Analysis Run 4/28/2021 3:27 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

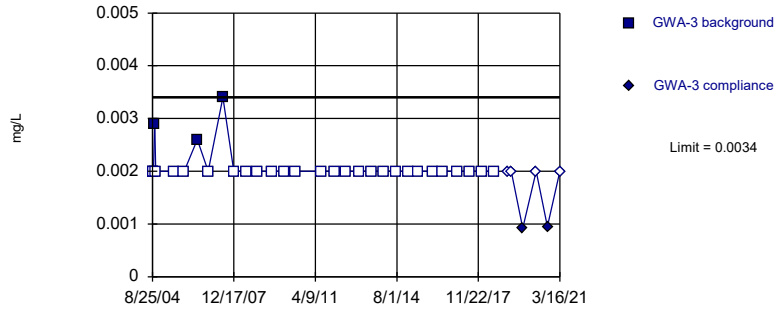


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 96.77% NDs. Well-constituent pair annual alpha = 0.0003403. Individual comparison alpha = 0.0001701 (1 of 3).

Constituent: Copper Analysis Run 4/28/2021 3:27 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

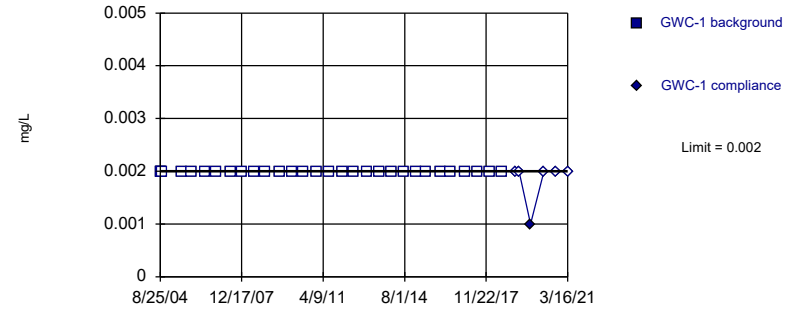


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 30 background values. 90% NDs. Well-constituent pair annual alpha = 0.0003661. Individual comparison alpha = 0.0001831 (1 of 3).

Constituent: Copper Analysis Run 4/28/2021 3:27 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

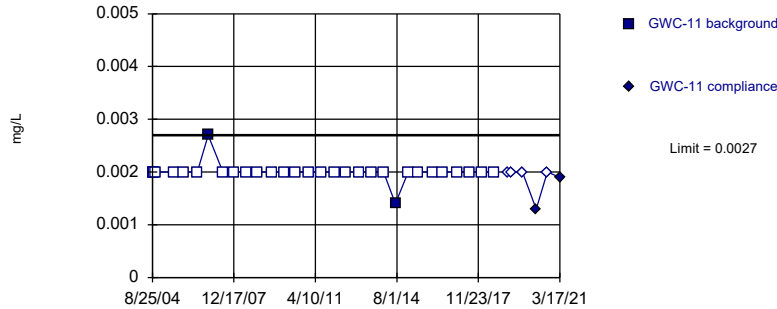


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 30) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0003661. Individual comparison alpha = 0.0001831 (1 of 3).

Constituent: Copper Analysis Run 4/28/2021 3:27 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

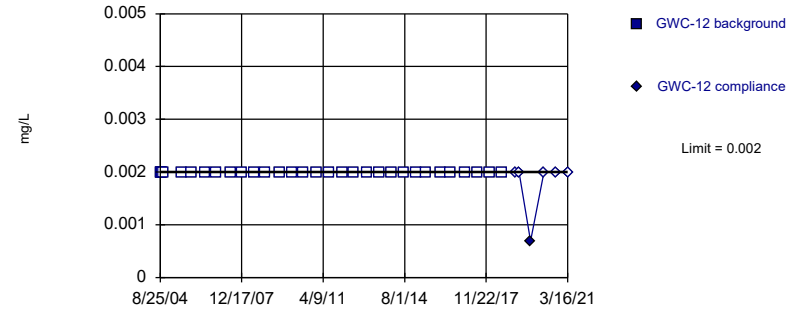


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 93.55% NDs. Well-constituent pair annual alpha = 0.0003403. Individual comparison alpha = 0.0001701 (1 of 3).

Constituent: Copper Analysis Run 4/28/2021 3:27 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

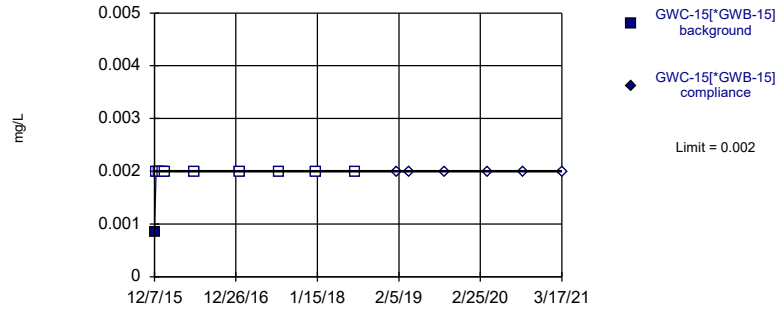


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 31) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0003403. Individual comparison alpha = 0.0001701 (1 of 3).

Constituent: Copper Analysis Run 4/28/2021 3:27 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

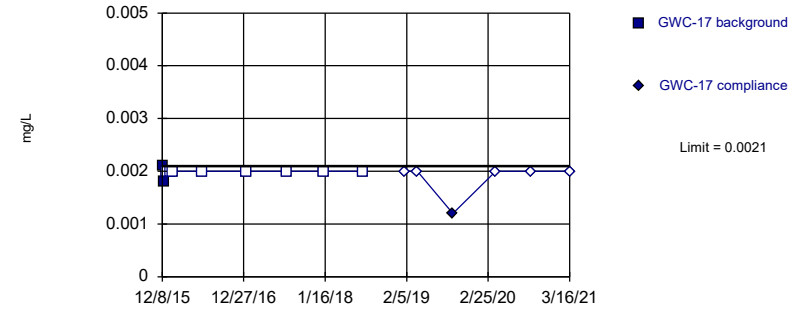


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 10 background values. 90% NDs. Well-constituent pair annual alpha = 0.006868. Individual comparison alpha = 0.00344 (1 of 3).

Constituent: Copper Analysis Run 4/28/2021 3:27 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

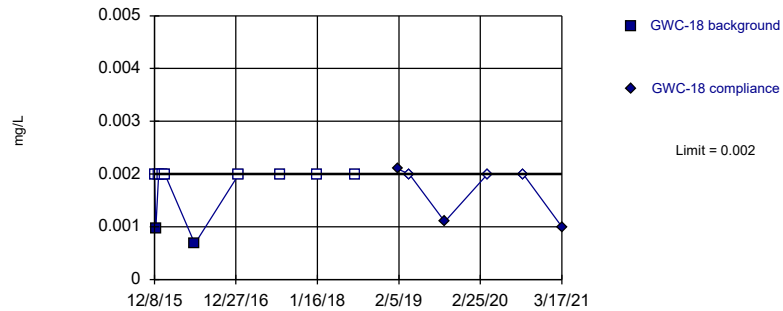


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 10 background values. 80% NDs. Well-constituent pair annual alpha = 0.006868. Individual comparison alpha = 0.00344 (1 of 3).

Constituent: Copper Analysis Run 4/28/2021 3:27 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

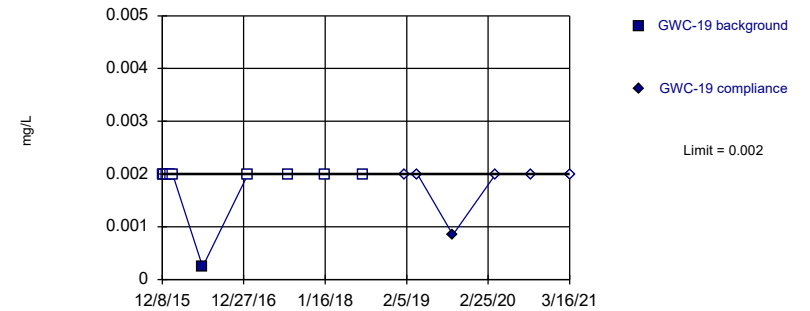


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 10 background values. 80% NDs. Well-constituent pair annual alpha = 0.006868. Individual comparison alpha = 0.00344 (1 of 3).

Constituent: Copper Analysis Run 4/28/2021 3:27 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

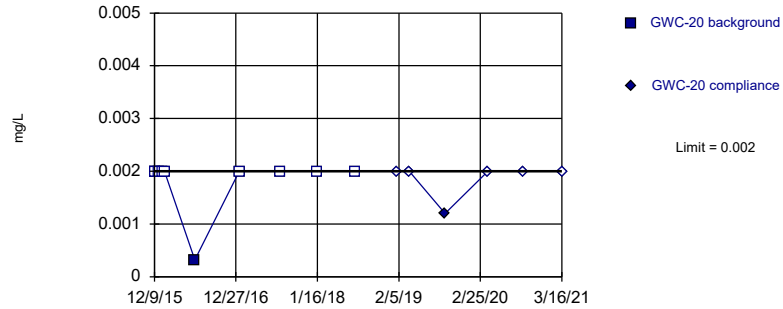


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 10 background values. 90% NDs. Well-constituent pair annual alpha = 0.006868. Individual comparison alpha = 0.00344 (1 of 3).

Constituent: Copper Analysis Run 4/28/2021 3:28 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

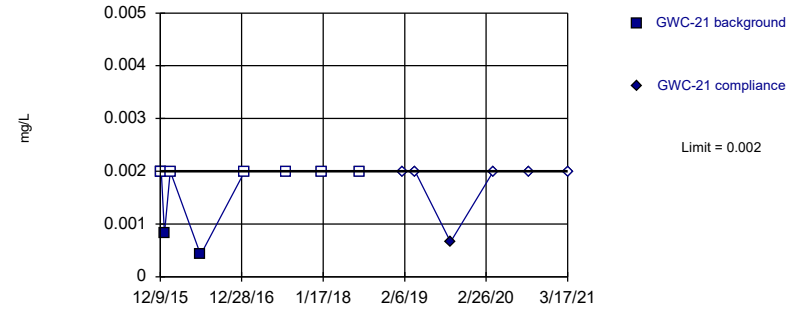


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 10 background values. 90% NDs. Well-constituent pair annual alpha = 0.006868. Individual comparison alpha = 0.00344 (1 of 3).

Constituent: Copper Analysis Run 4/28/2021 3:28 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

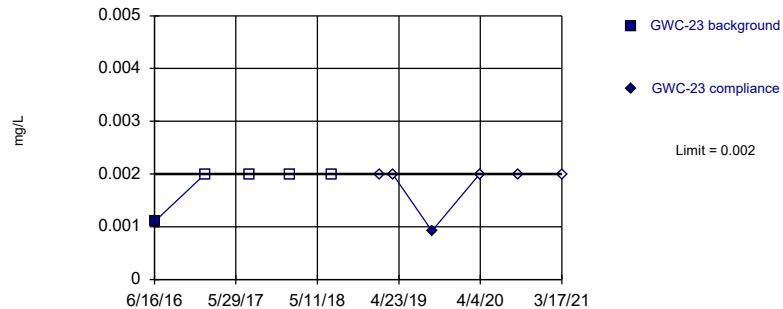


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 9 background values. 77.78% NDs. Well-constituent pair annual alpha = 0.009329. Individual comparison alpha = 0.004675 (1 of 3).

Constituent: Copper Analysis Run 4/28/2021 3:28 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

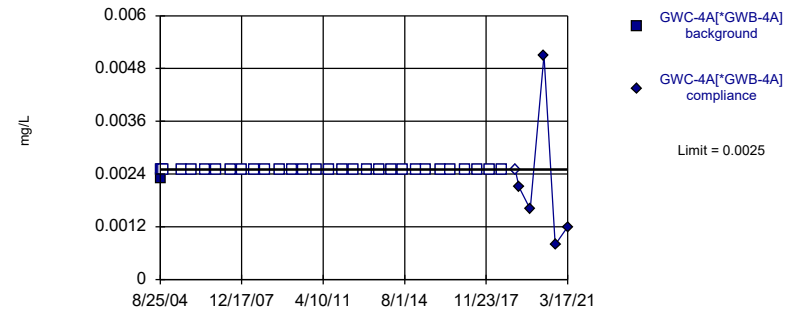


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 5 background values. 80% NDs. Well-constituent pair annual alpha = 0.03756. Individual comparison alpha = 0.01896 (1 of 3).

Constituent: Copper Analysis Run 4/28/2021 3:28 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

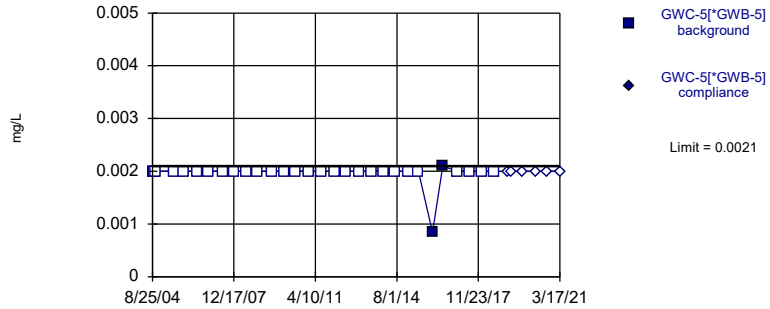


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 96.77% NDs. Well-constituent pair annual alpha = 0.0003403. Individual comparison alpha = 0.0001701 (1 of 3).

Constituent: Copper Analysis Run 4/28/2021 3:28 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

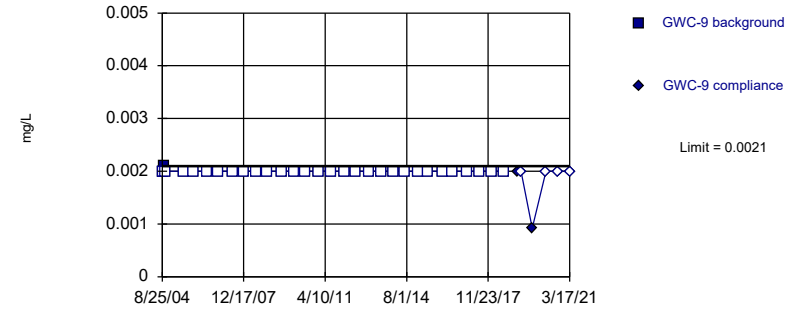


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 93.55% NDs. Well-constituent pair annual alpha = 0.0003403. Individual comparison alpha = 0.0001701 (1 of 3).

Constituent: Copper Analysis Run 4/28/2021 3:28 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

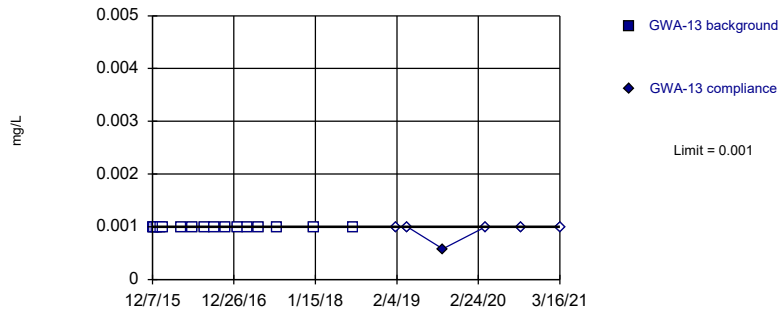


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 96.77% NDs. Well-constituent pair annual alpha = 0.0003403. Individual comparison alpha = 0.0001701 (1 of 3).

Constituent: Copper Analysis Run 4/28/2021 3:28 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

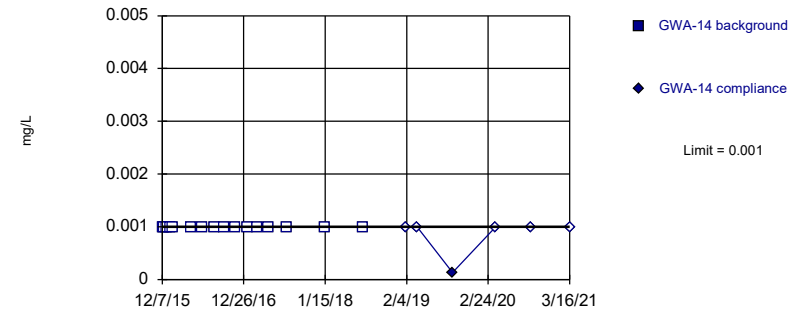


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Lead Analysis Run 4/28/2021 3:28 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit Intrawell Non-parametric

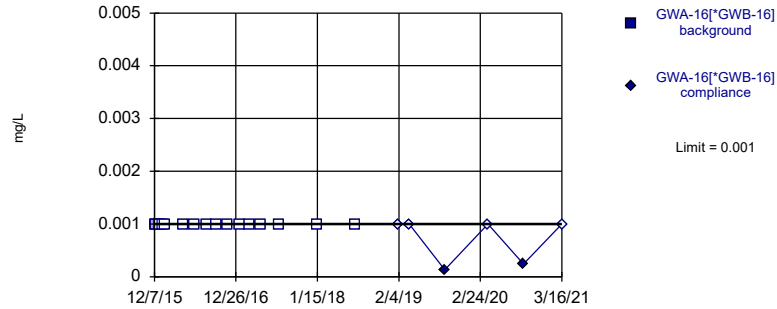


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Lead Analysis Run 4/28/2021 3:28 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
 Hollow symbols indicate censored values.
 Within Limit

Prediction Limit
 Intrawell Non-parametric

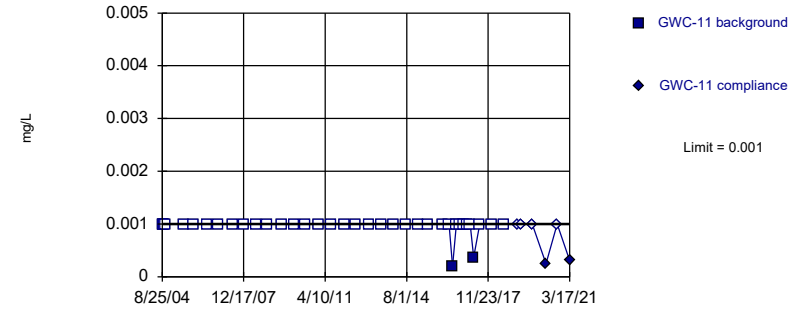


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Lead Analysis Run 4/28/2021 3:28 PM View: EPD
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
 Hollow symbols indicate censored values.
 Within Limit

Prediction Limit
 Intrawell Non-parametric

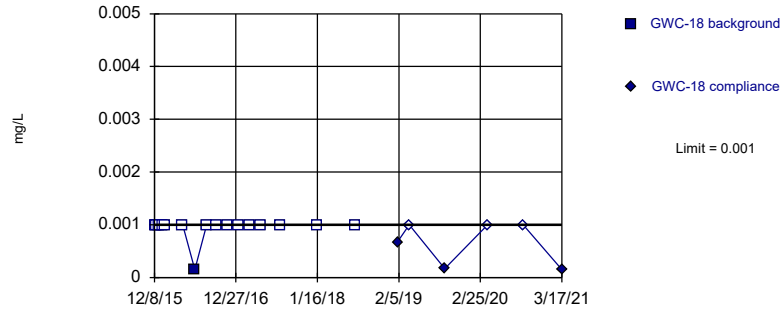


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 94.59% NDs. Well-constituent pair annual alpha = 0.0002069. Individual comparison alpha = 0.0001035 (1 of 3).

Constituent: Lead Analysis Run 4/28/2021 3:28 PM View: EPD
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
 Hollow symbols indicate censored values.
 Within Limit

Prediction Limit
 Intrawell Non-parametric

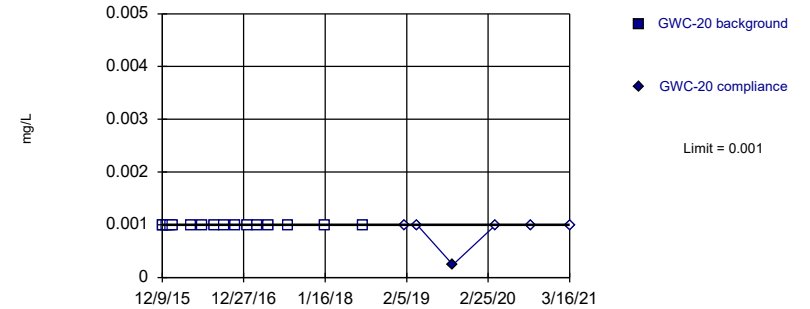


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Lead Analysis Run 4/28/2021 3:28 PM View: EPD
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
 Hollow symbols indicate censored values.
 Within Limit

Prediction Limit
 Intrawell Non-parametric

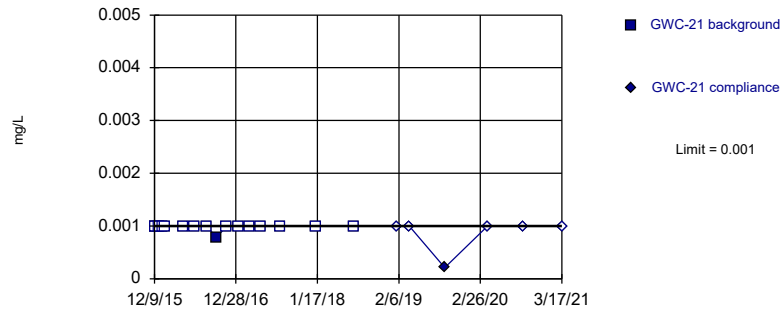


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Lead Analysis Run 4/28/2021 3:28 PM View: EPD
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

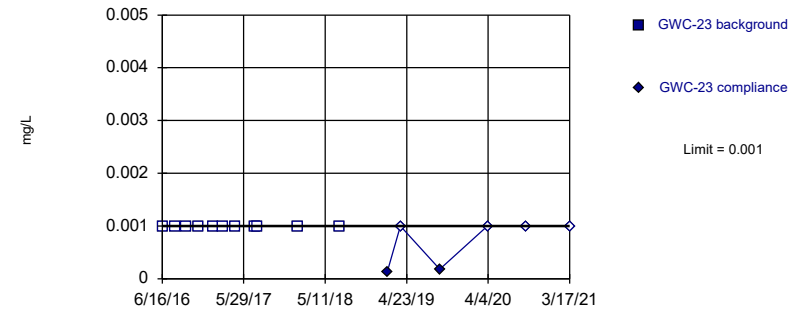


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Lead Analysis Run 4/28/2021 3:28 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

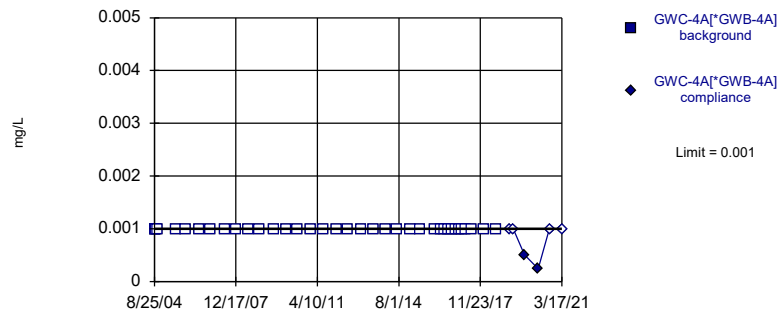


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 11) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.005605. Individual comparison alpha = 0.002806 (1 of 3).

Constituent: Lead Analysis Run 4/28/2021 3:28 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

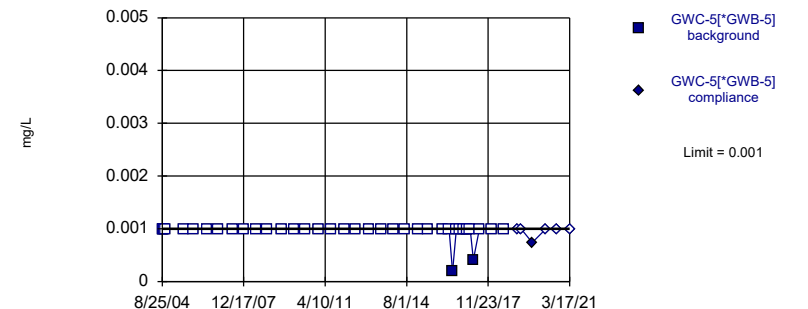


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 37) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0002069. Individual comparison alpha = 0.0001035 (1 of 3).

Constituent: Lead Analysis Run 4/28/2021 3:28 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

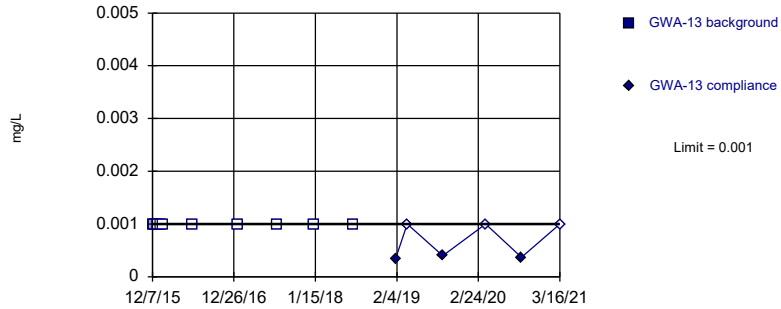


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 39 background values. 92.31% NDs. Well-constituent pair annual alpha = 0.000177. Individual comparison alpha = 0.00008849 (1 of 3).

Constituent: Lead Analysis Run 4/28/2021 3:28 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

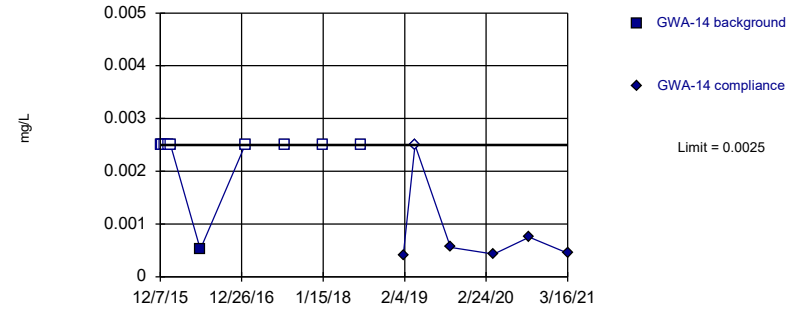


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 10) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.006868. Individual comparison alpha = 0.00344 (1 of 3).

Constituent: Nickel Analysis Run 4/28/2021 3:28 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

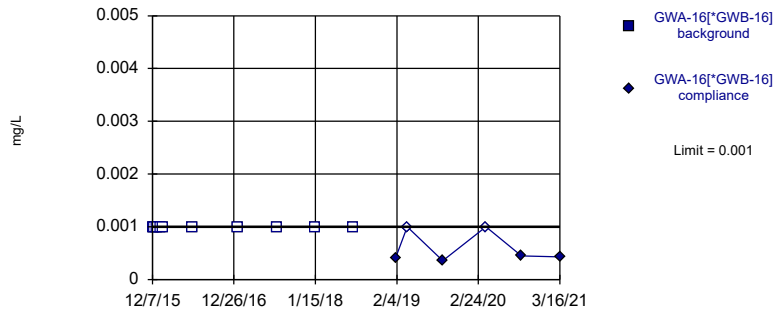


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 10 background values. 90% NDs. Well-constituent pair annual alpha = 0.006868. Individual comparison alpha = 0.00344 (1 of 3).

Constituent: Nickel Analysis Run 4/28/2021 3:28 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

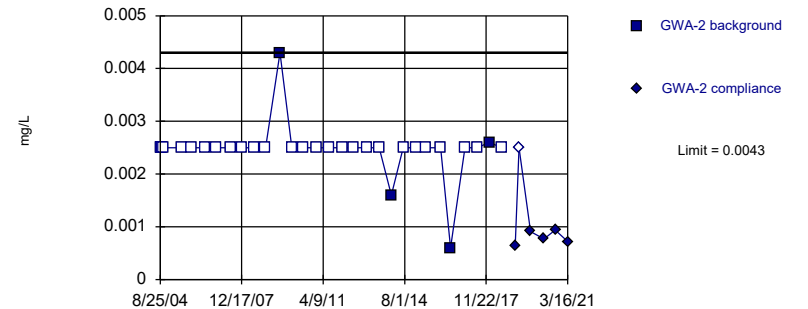


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 10) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.006868. Individual comparison alpha = 0.00344 (1 of 3).

Constituent: Nickel Analysis Run 4/28/2021 3:28 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

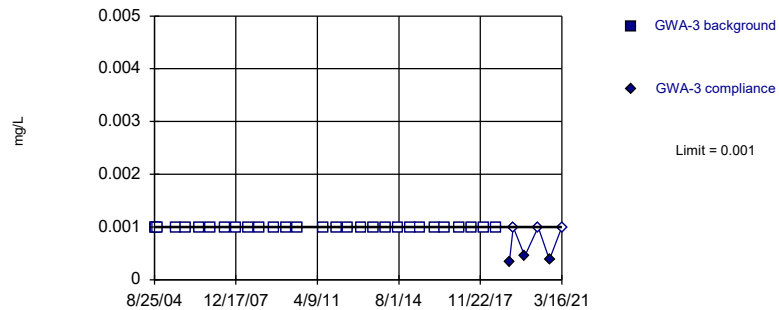


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 87.1% NDs. Well-constituent pair annual alpha = 0.0003403. Individual comparison alpha = 0.0001701 (1 of 3).

Constituent: Nickel Analysis Run 4/28/2021 3:28 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

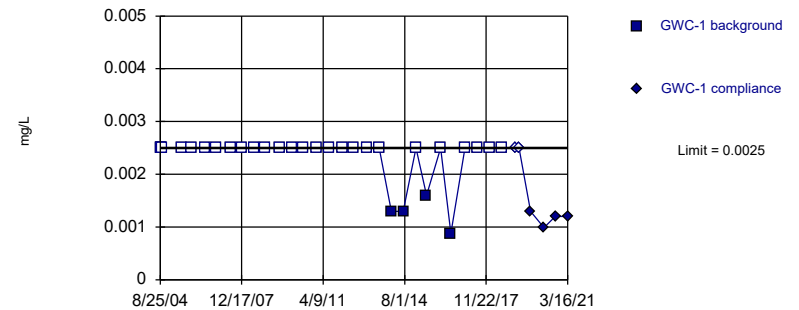


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 29) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0004147. Individual comparison alpha = 0.0002074 (1 of 3).

Constituent: Nickel Analysis Run 4/28/2021 3:28 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

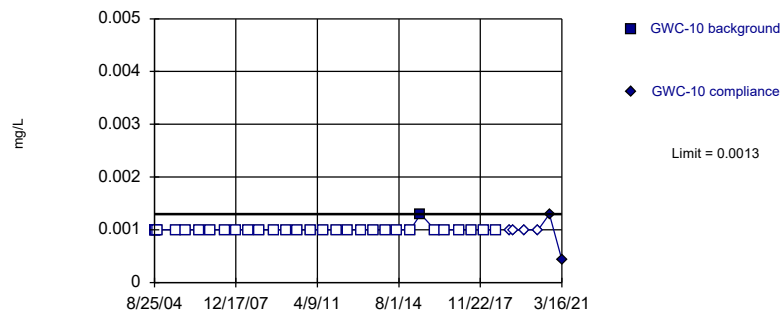


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 30 background values. 86.67% NDs. Well-constituent pair annual alpha = 0.0003661. Individual comparison alpha = 0.0001831 (1 of 3).

Constituent: Nickel Analysis Run 4/28/2021 3:28 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

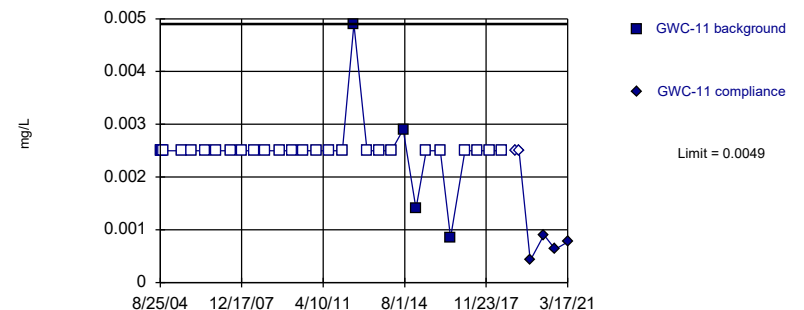


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 96.77% NDs. Well-constituent pair annual alpha = 0.0003403. Individual comparison alpha = 0.0001701 (1 of 3).

Constituent: Nickel Analysis Run 4/28/2021 3:28 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

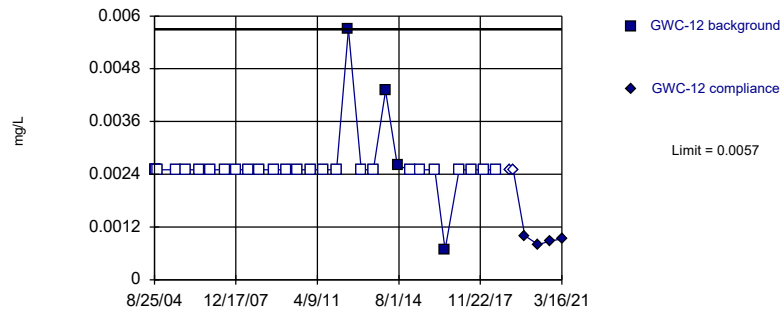


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 87.1% NDs. Well-constituent pair annual alpha = 0.0003403. Individual comparison alpha = 0.0001701 (1 of 3).

Constituent: Nickel Analysis Run 4/28/2021 3:28 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

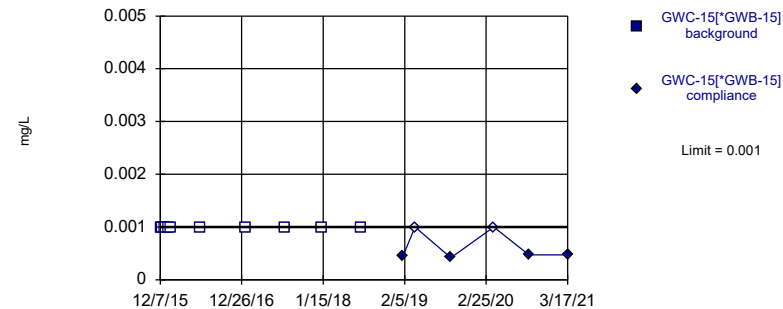


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 87.1% NDs. Well-constituent pair annual alpha = 0.0003403. Individual comparison alpha = 0.0001701 (1 of 3).

Constituent: Nickel Analysis Run 4/28/2021 3:28 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

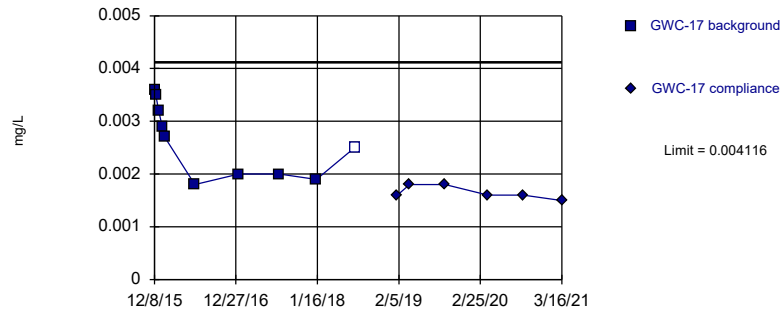


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 10) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.006868. Individual comparison alpha = 0.00344 (1 of 3).

Constituent: Nickel Analysis Run 4/28/2021 3:28 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Within Limit

Prediction Limit
Intrawell Parametric

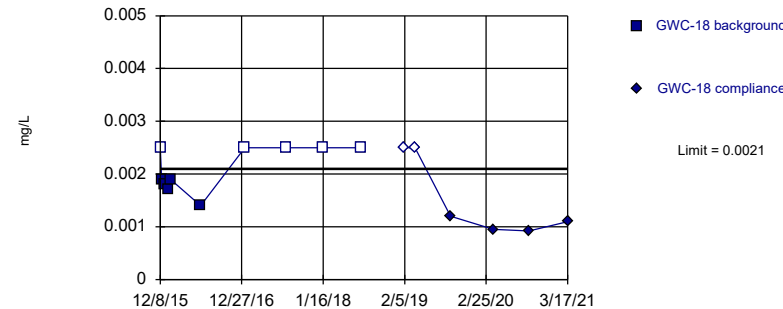


Background Data Summary: Mean=0.00261, Std. Dev.=0.0006773, n=10, 10% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9065, critical = 0.781. Kappa = 2.224 (c=15, w=9, 1 of 3, event alpha = 0.05132). Report alpha = 0.0003901.

Constituent: Nickel Analysis Run 4/28/2021 3:28 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Within Limit

Prediction Limit
Intrawell Parametric



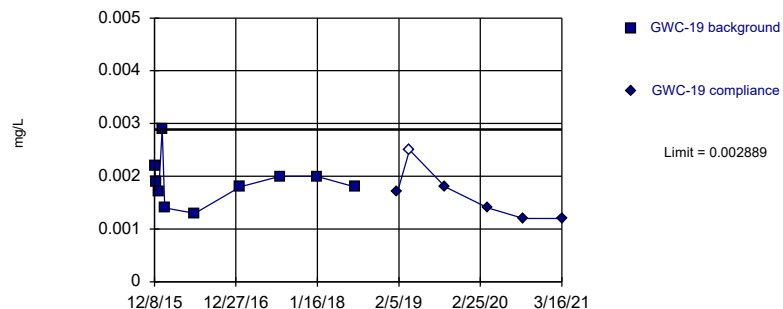
Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.001687, Std. Dev.=0.0001857, n=10, 50% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8068, critical = 0.781. Kappa = 2.224 (c=15, w=9, 1 of 3, event alpha = 0.05132). Report alpha = 0.0003901.

Constituent: Nickel Analysis Run 4/28/2021 3:28 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Within Limit

Prediction Limit

Intrawell Parametric



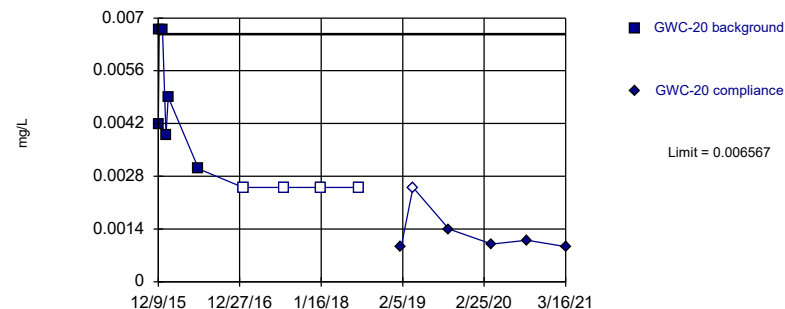
Background Data Summary: Mean=0.0019, Std. Dev.=0.0004447, n=10. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9122, critical = 0.781. Kappa = 2.224 (c=15, w=9, 1 of 3, event alpha = 0.05132). Report alpha = 0.0003901.

Constituent: Nickel Analysis Run 4/28/2021 3:28 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Within Limit

Prediction Limit

Intrawell Parametric



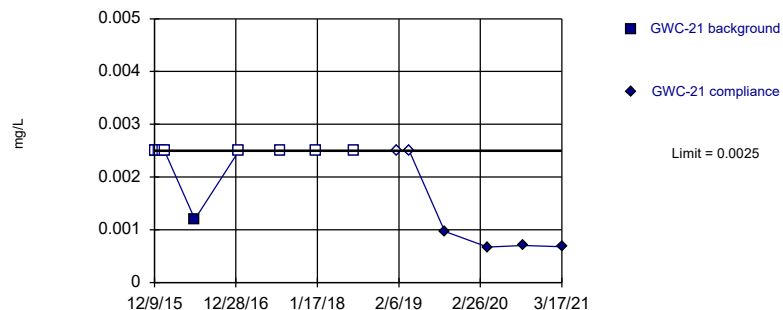
Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.003595, Std. Dev.=0.001337, n=10, 40% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8151, critical = 0.781. Kappa = 2.224 (c=15, w=9, 1 of 3, event alpha = 0.05132). Report alpha = 0.0003901.

Constituent: Nickel Analysis Run 4/28/2021 3:28 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Within Limit

Prediction Limit

Intrawell Non-parametric



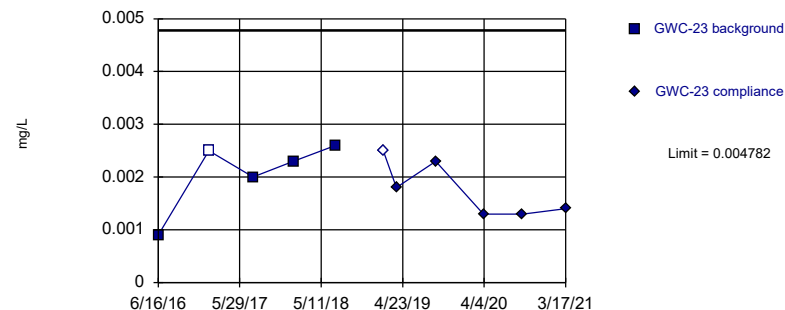
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 10 background values. 90% NDs. Well-constituent pair annual alpha = 0.006868. Individual comparison alpha = 0.00344 (1 of 3).

Constituent: Nickel Analysis Run 4/28/2021 3:28 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Within Limit

Prediction Limit

Intrawell Parametric

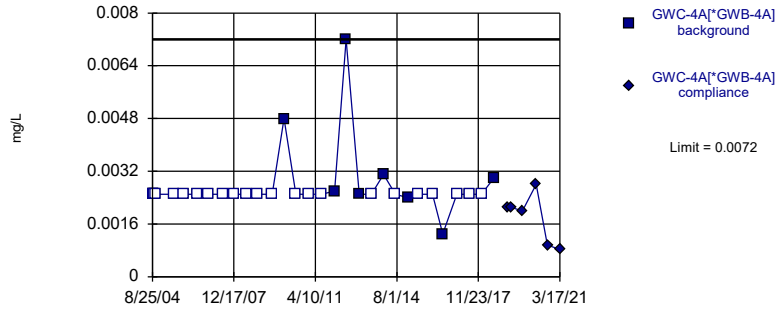


Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.001907, Std. Dev.=0.0006403, n=5, 20% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8265, critical = 0.686. Kappa = 4.49 (c=15, w=9, 1 of 3, event alpha = 0.05132). Report alpha = 0.0003901.

Constituent: Nickel Analysis Run 4/28/2021 3:28 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

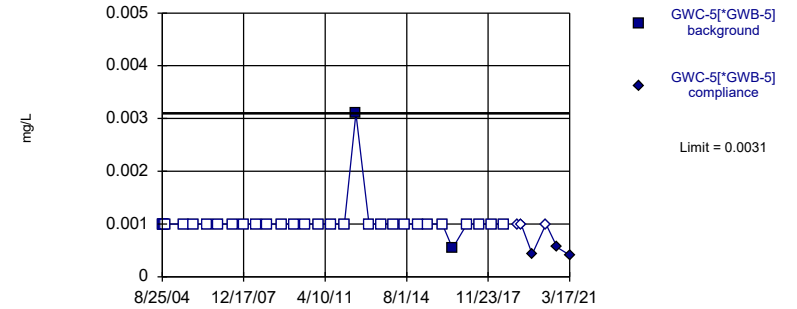


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 74.19% NDs. Well-constituent pair annual alpha = 0.0003403. Individual comparison alpha = 0.0001701 (1 of 3).

Constituent: Nickel Analysis Run 4/28/2021 3:28 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

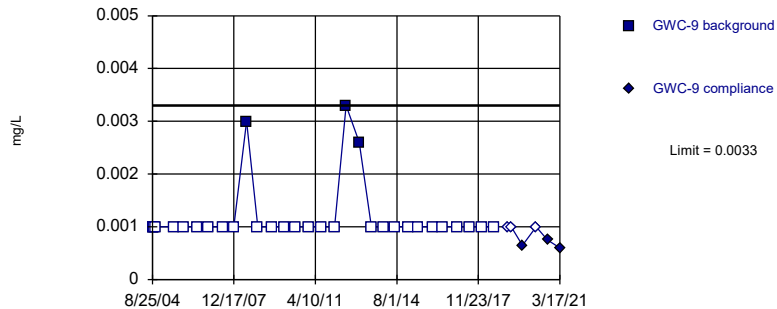


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 93.55% NDs. Well-constituent pair annual alpha = 0.0003403. Individual comparison alpha = 0.0001701 (1 of 3).

Constituent: Nickel Analysis Run 4/28/2021 3:28 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

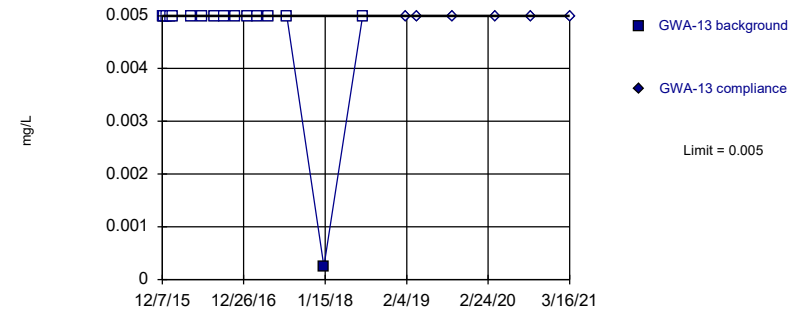


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 90.32% NDs. Well-constituent pair annual alpha = 0.0003403. Individual comparison alpha = 0.0001701 (1 of 3).

Constituent: Nickel Analysis Run 4/28/2021 3:28 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

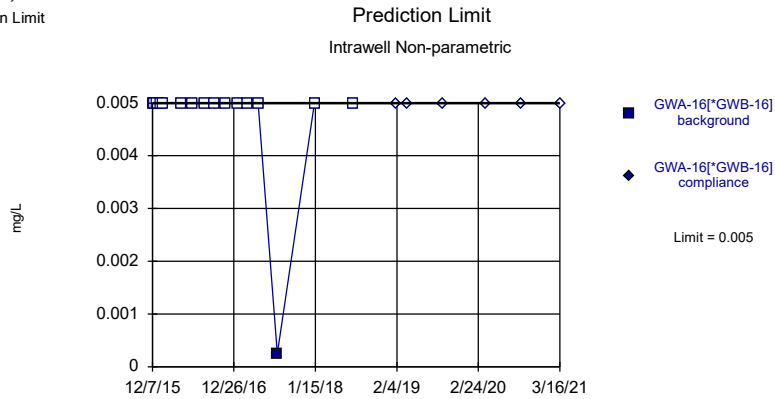
Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Selenium Analysis Run 4/28/2021 3:28 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

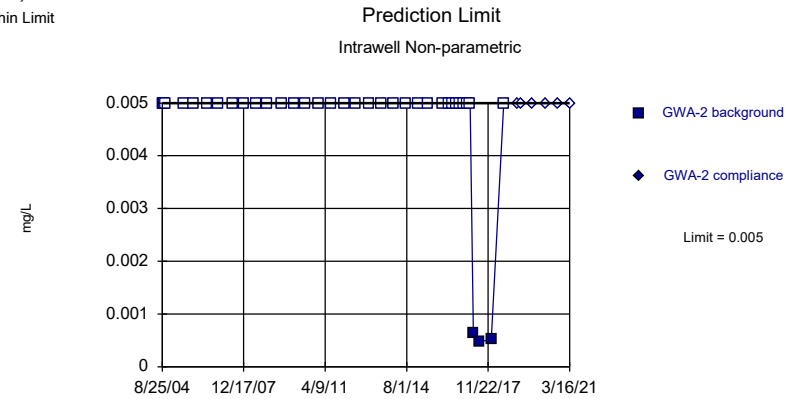
Sanitas™ v.9.6.28 . UG
 Hollow symbols indicate censored values.
 Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Selenium Analysis Run 4/28/2021 3:28 PM View: EPD
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

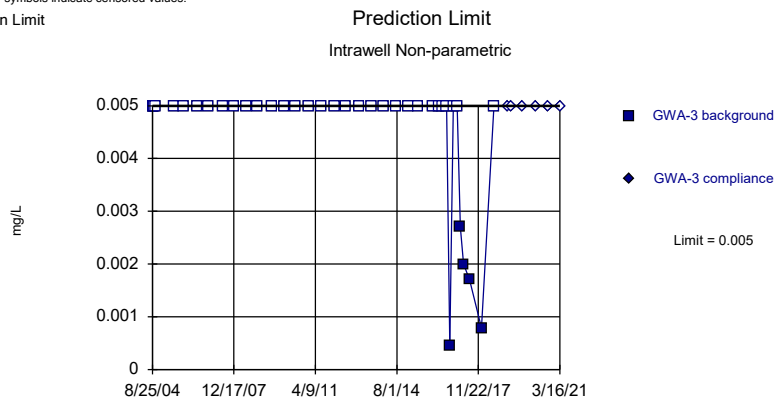
Sanitas™ v.9.6.28 . UG
 Hollow symbols indicate censored values.
 Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 91.89% NDs. Well-constituent pair annual alpha = 0.0002069. Individual comparison alpha = 0.0001035 (1 of 3).

Constituent: Selenium Analysis Run 4/28/2021 3:28 PM View: EPD
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

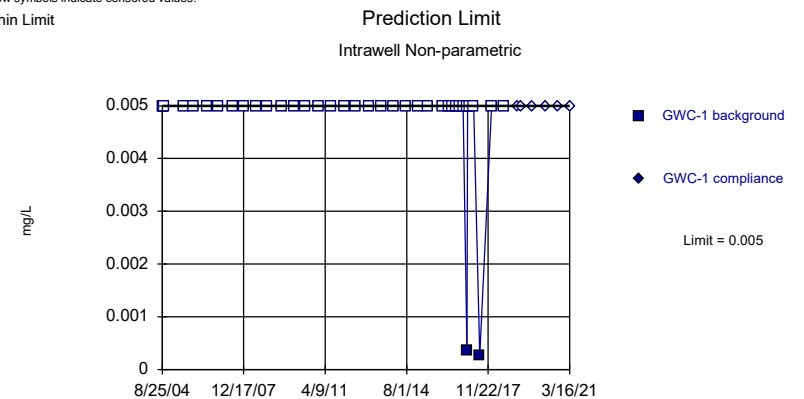
Sanitas™ v.9.6.28 . UG
 Hollow symbols indicate censored values.
 Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 86.49% NDs. Well-constituent pair annual alpha = 0.0002069. Individual comparison alpha = 0.0001035 (1 of 3).

Constituent: Selenium Analysis Run 4/28/2021 3:28 PM View: EPD
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
 Hollow symbols indicate censored values.
 Within Limit

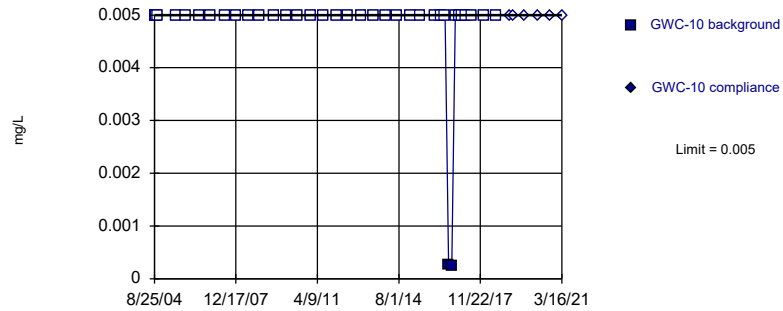


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 94.59% NDs. Well-constituent pair annual alpha = 0.0002069. Individual comparison alpha = 0.0001035 (1 of 3).

Constituent: Selenium Analysis Run 4/28/2021 3:28 PM View: EPD
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

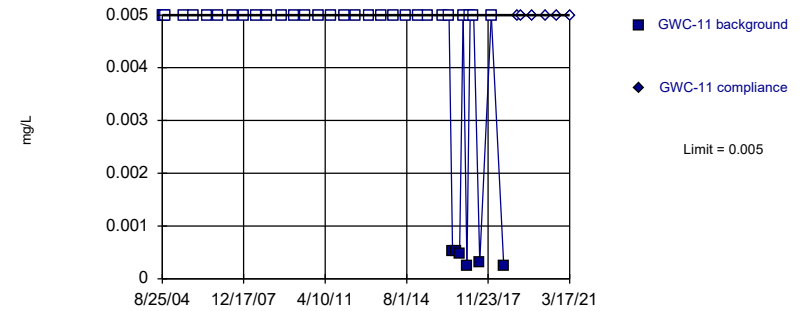


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 94.59% NDs. Well-constituent pair annual alpha = 0.0002069. Individual comparison alpha = 0.0001035 (1 of 3).

Constituent: Selenium Analysis Run 4/28/2021 3:28 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

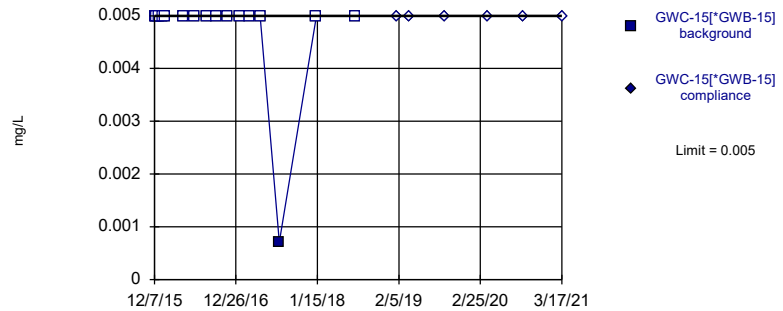


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 83.78% NDs. Well-constituent pair annual alpha = 0.0002069. Individual comparison alpha = 0.0001035 (1 of 3).

Constituent: Selenium Analysis Run 4/28/2021 3:28 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

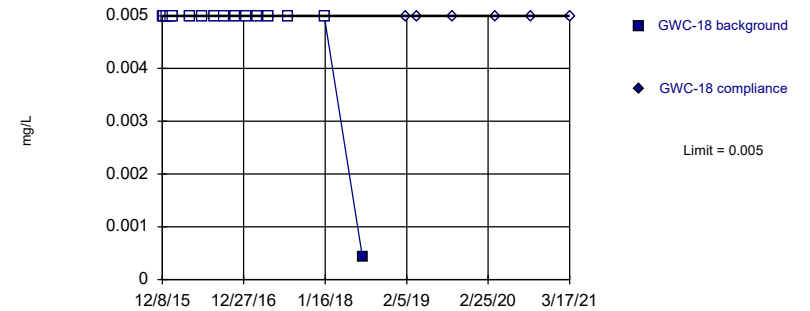


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Selenium Analysis Run 4/28/2021 3:28 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

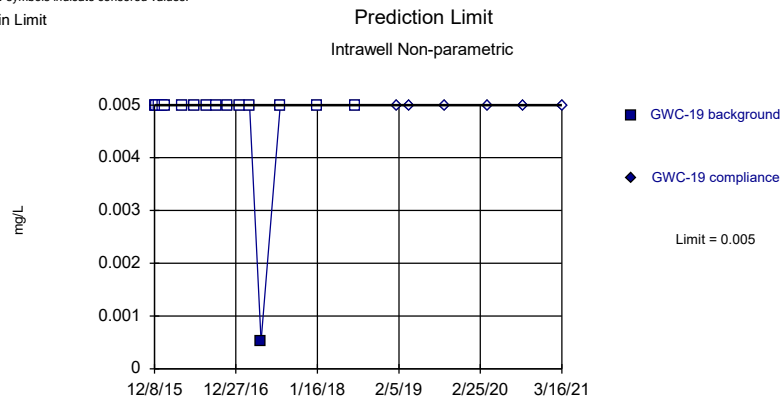
Prediction Limit
Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Selenium Analysis Run 4/28/2021 3:28 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

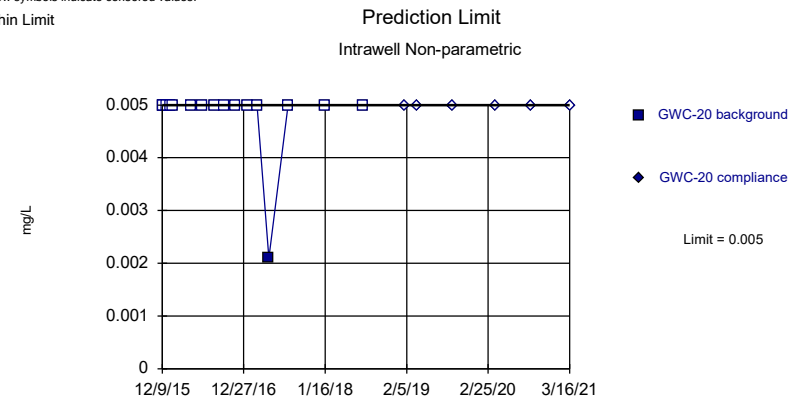
Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Selenium Analysis Run 4/28/2021 3:28 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

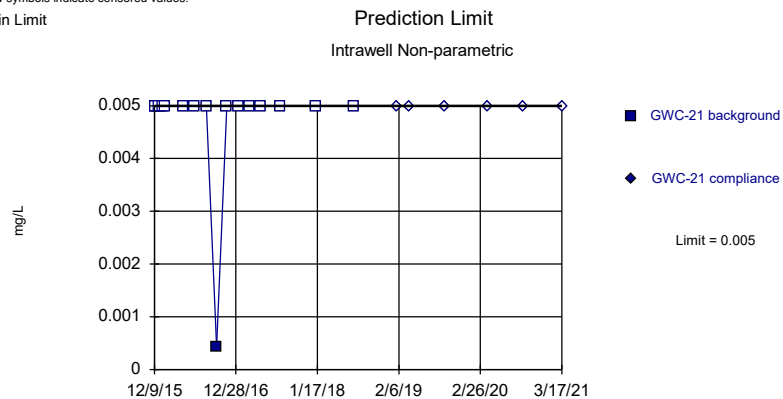
Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Selenium Analysis Run 4/28/2021 3:29 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

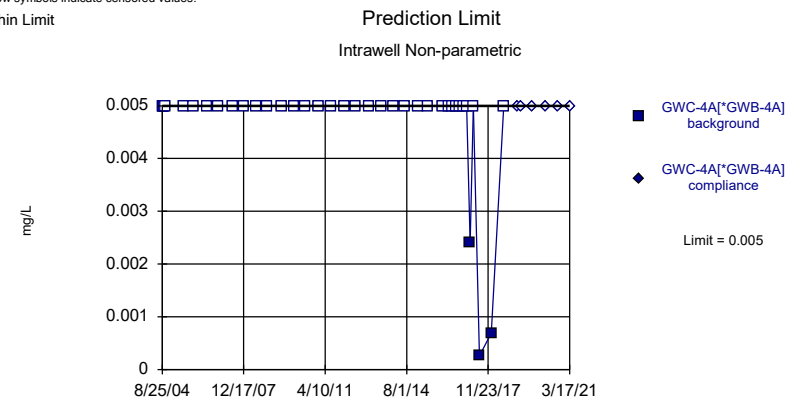
Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Selenium Analysis Run 4/28/2021 3:29 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

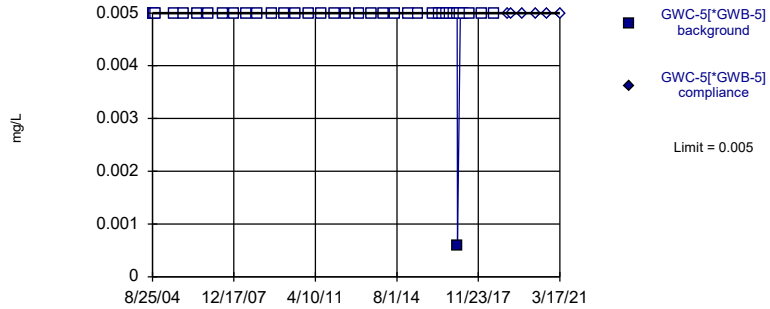


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 91.89% NDs. Well-constituent pair annual alpha = 0.0002069. Individual comparison alpha = 0.0001035 (1 of 3).

Constituent: Selenium Analysis Run 4/28/2021 3:29 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
 Hollow symbols indicate censored values.
 Within Limit

Prediction Limit
 Intrawell Non-parametric

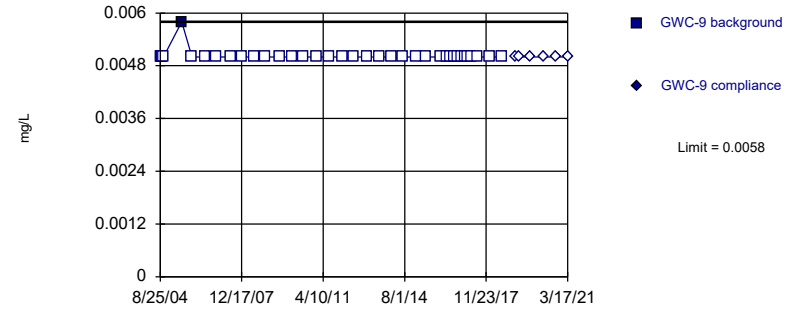


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 38 background values. 97.37% NDs. Well-constituent pair annual alpha = 0.000192. Individual comparison alpha = 0.00009598 (1 of 3).

Constituent: Selenium Analysis Run 4/28/2021 3:29 PM View: EPD
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
 Hollow symbols indicate censored values.
 Within Limit

Prediction Limit
 Intrawell Non-parametric

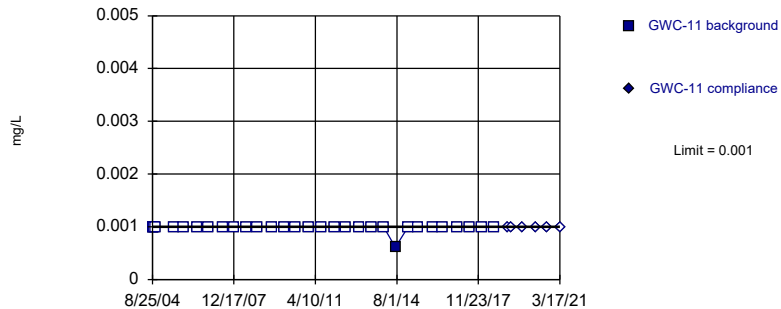


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 97.3% NDs. Well-constituent pair annual alpha = 0.0002069. Individual comparison alpha = 0.0001035 (1 of 3).

Constituent: Selenium Analysis Run 4/28/2021 3:29 PM View: EPD
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
 Hollow symbols indicate censored values.
 Within Limit

Prediction Limit
 Intrawell Non-parametric

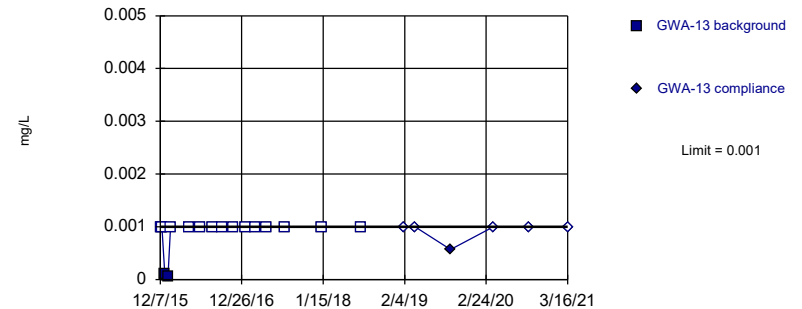


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 96.77% NDs. Well-constituent pair annual alpha = 0.0003403. Individual comparison alpha = 0.0001701 (1 of 3).

Constituent: Silver Analysis Run 4/28/2021 3:29 PM View: EPD
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
 Hollow symbols indicate censored values.
 Within Limit

Prediction Limit
 Intrawell Non-parametric



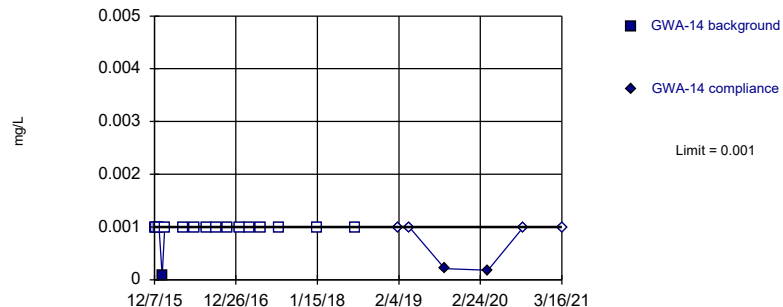
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Thallium Analysis Run 4/28/2021 3:29 PM View: EPD
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



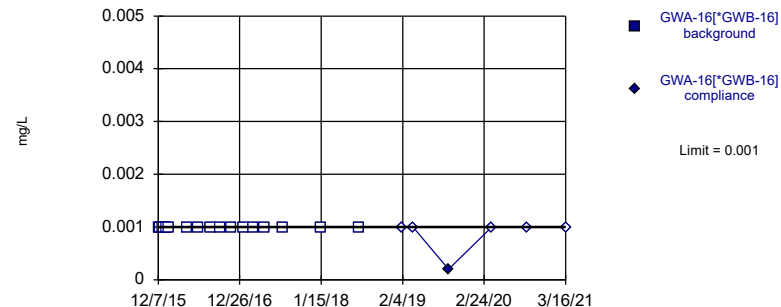
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Thallium Analysis Run 4/28/2021 3:29 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



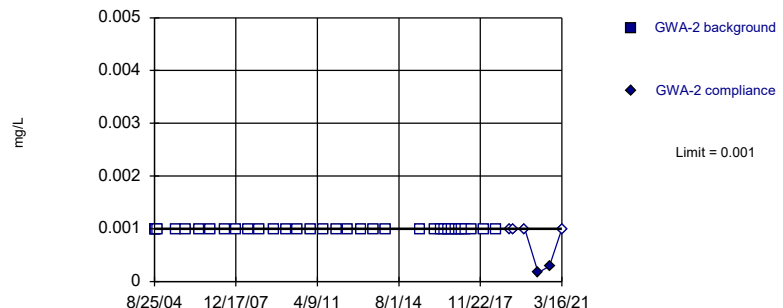
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 16) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Thallium Analysis Run 4/28/2021 3:29 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric



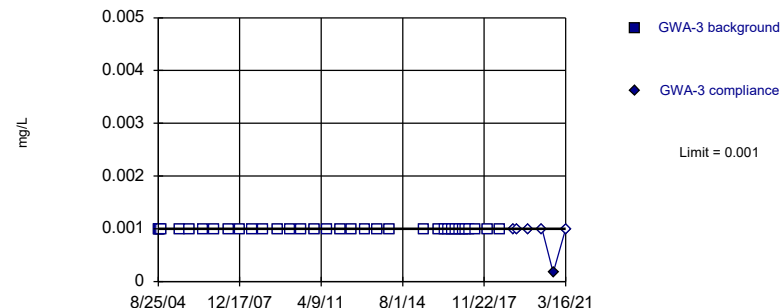
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 35) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0002369. Individual comparison alpha = 0.0001185 (1 of 3).

Constituent: Thallium Analysis Run 4/28/2021 3:29 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit Intrawell Non-parametric

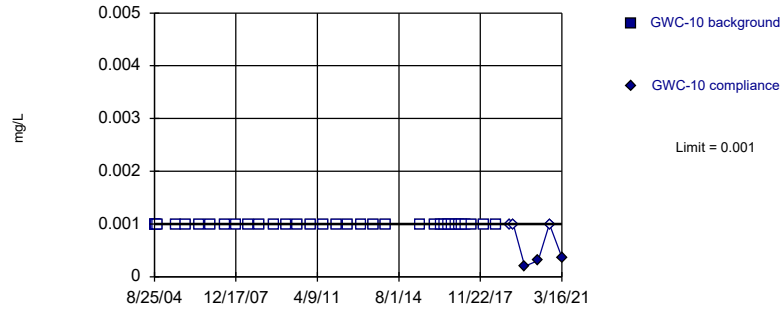


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 35) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0002369. Individual comparison alpha = 0.0001185 (1 of 3).

Constituent: Thallium Analysis Run 4/28/2021 3:29 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
 Hollow symbols indicate censored values.
 Within Limit

Prediction Limit
 Intrawell Non-parametric

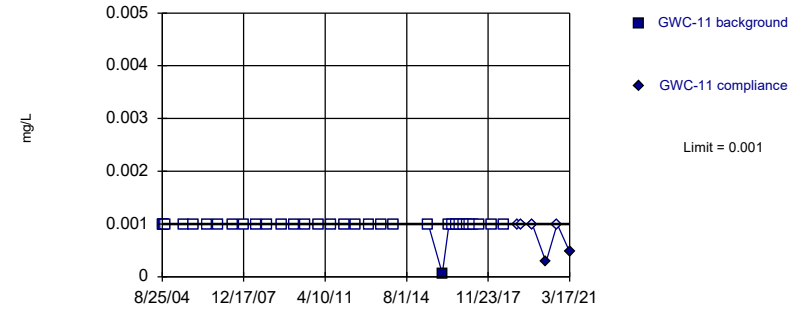


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 35) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0002369. Individual comparison alpha = 0.0001185 (1 of 3).

Constituent: Thallium Analysis Run 4/28/2021 3:29 PM View: EPD
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
 Hollow symbols indicate censored values.
 Within Limit

Prediction Limit
 Intrawell Non-parametric

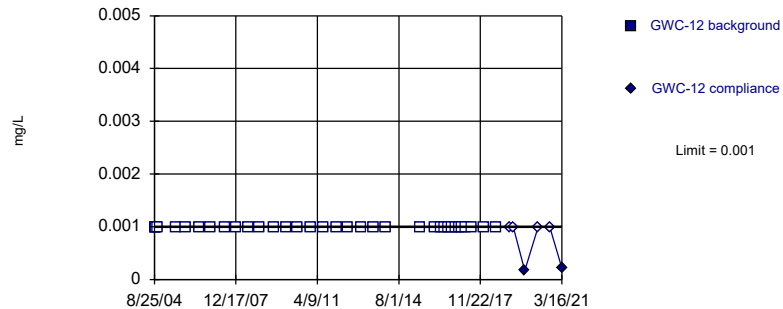


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 35 background values. 97.14% NDs. Well-constituent pair annual alpha = 0.0002369. Individual comparison alpha = 0.0001185 (1 of 3).

Constituent: Thallium Analysis Run 4/28/2021 3:29 PM View: EPD
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
 Hollow symbols indicate censored values.
 Within Limit

Prediction Limit
 Intrawell Non-parametric

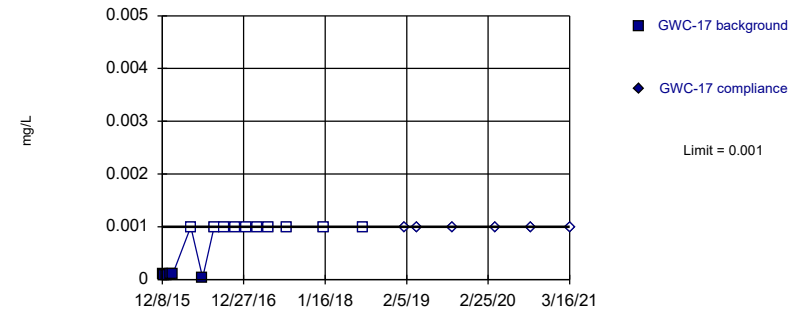


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 35) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0002369. Individual comparison alpha = 0.0001185 (1 of 3).

Constituent: Thallium Analysis Run 4/28/2021 3:29 PM View: EPD
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
 Hollow symbols indicate censored values.
 Within Limit

Prediction Limit
 Intrawell Non-parametric

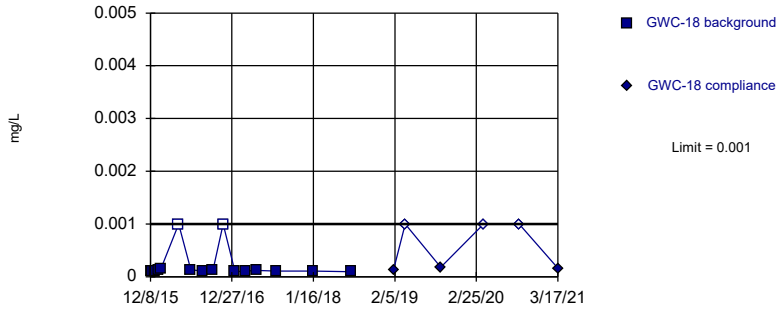


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 62.5% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Thallium Analysis Run 4/28/2021 3:29 PM View: EPD
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

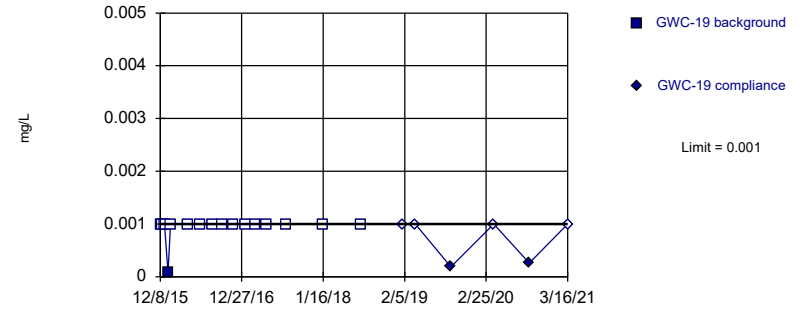


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 16 background values. 12.5% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Thallium Analysis Run 4/28/2021 3:29 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

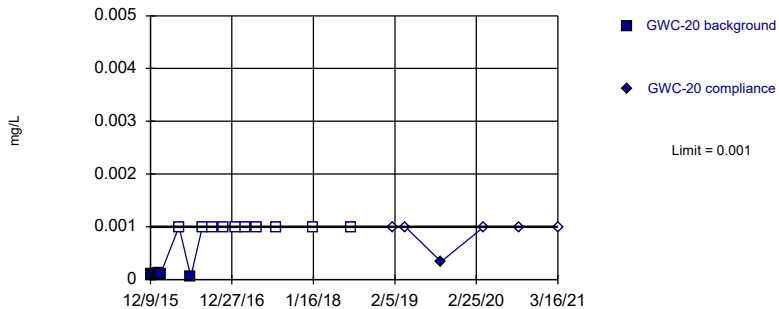


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 93.75% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Thallium Analysis Run 4/28/2021 3:29 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

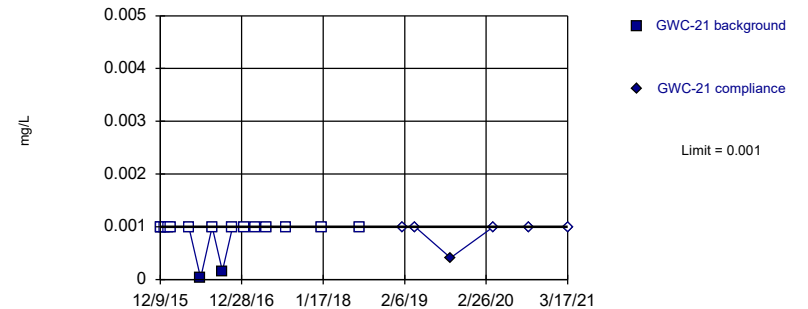


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 62.5% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Thallium Analysis Run 4/28/2021 3:29 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

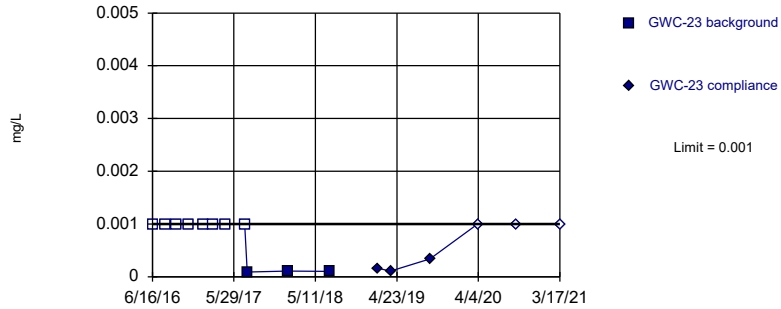


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 16 background values. 87.5% NDs. Well-constituent pair annual alpha = 0.002051. Individual comparison alpha = 0.001026 (1 of 3).

Constituent: Thallium Analysis Run 4/28/2021 3:29 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

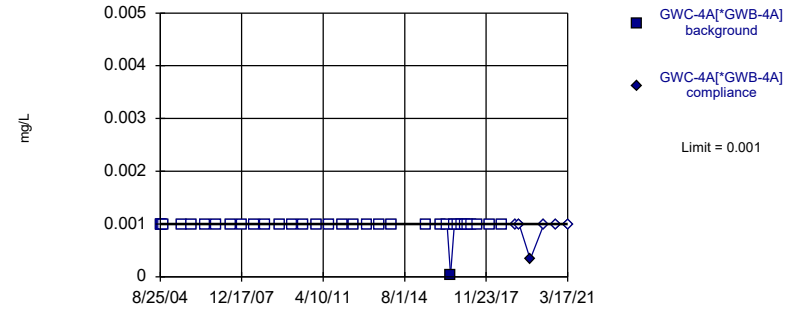


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 11 background values. 72.73% NDs. Well-constituent pair annual alpha = 0.005605. Individual comparison alpha = 0.002806 (1 of 3).

Constituent: Thallium Analysis Run 4/28/2021 3:29 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

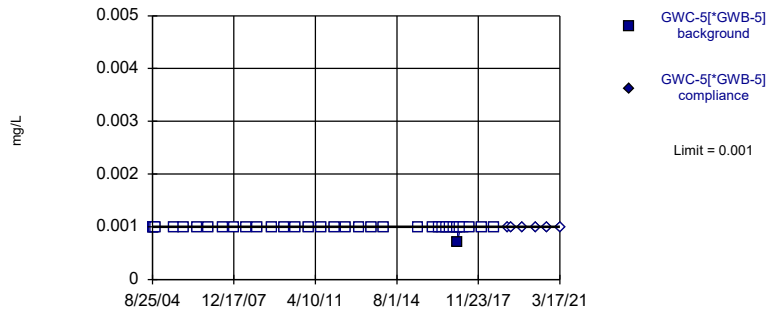


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 35 background values. 97.14% NDs. Well-constituent pair annual alpha = 0.0002369. Individual comparison alpha = 0.0001185 (1 of 3).

Constituent: Thallium Analysis Run 4/28/2021 3:29 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

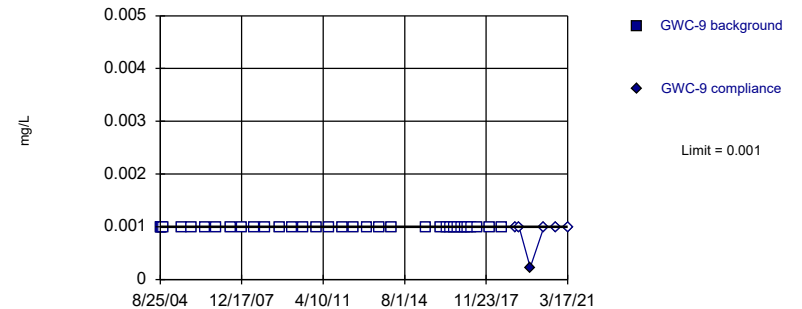


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 37 background values. 97.3% NDs. Well-constituent pair annual alpha = 0.0002069. Individual comparison alpha = 0.0001035 (1 of 3).

Constituent: Thallium Analysis Run 4/28/2021 3:29 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

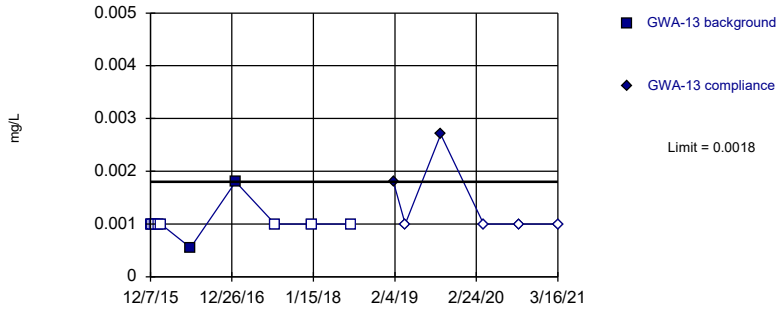


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. All background values (n = 35) were censored; limit is most recent reporting limit. Well-constituent pair annual alpha = 0.0002369. Individual comparison alpha = 0.0001185 (1 of 3).

Constituent: Thallium Analysis Run 4/28/2021 3:29 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

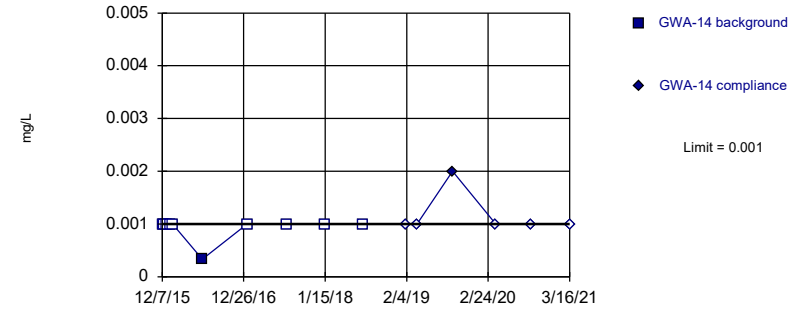


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 10 background values. 80% NDs. Well-constituent pair annual alpha = 0.006868. Individual comparison alpha = 0.00344 (1 of 3).

Constituent: Vanadium Analysis Run 4/28/2021 3:29 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

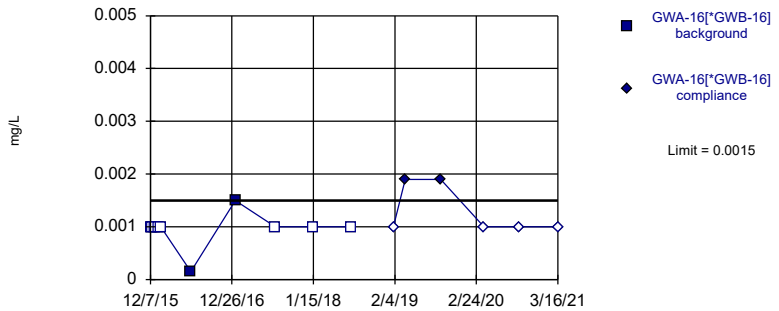


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 10 background values. 90% NDs. Well-constituent pair annual alpha = 0.006868. Individual comparison alpha = 0.00344 (1 of 3).

Constituent: Vanadium Analysis Run 4/28/2021 3:29 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

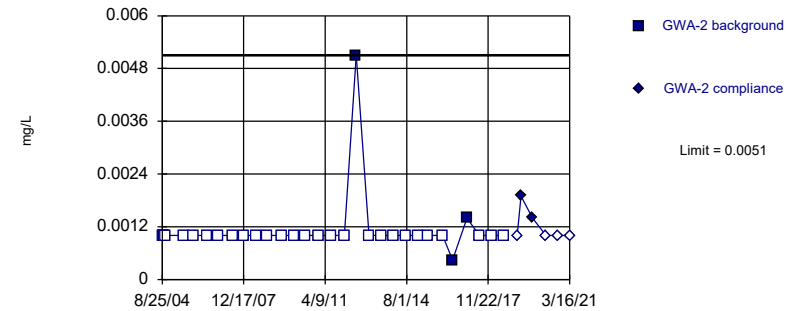


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 10 background values. 80% NDs. Well-constituent pair annual alpha = 0.006868. Individual comparison alpha = 0.00344 (1 of 3).

Constituent: Vanadium Analysis Run 4/28/2021 3:29 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

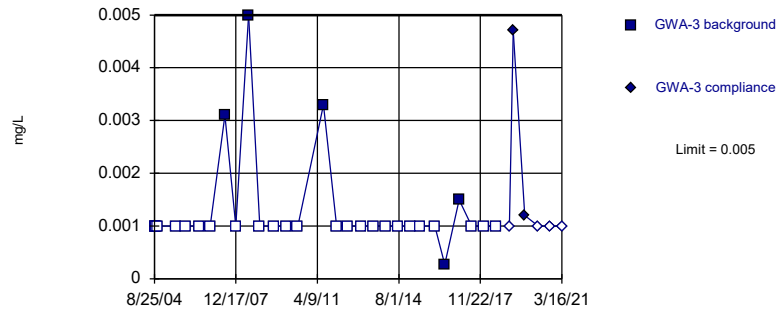


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 90.32% NDs. Well-constituent pair annual alpha = 0.0003403. Individual comparison alpha = 0.0001701 (1 of 3).

Constituent: Vanadium Analysis Run 4/28/2021 3:29 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

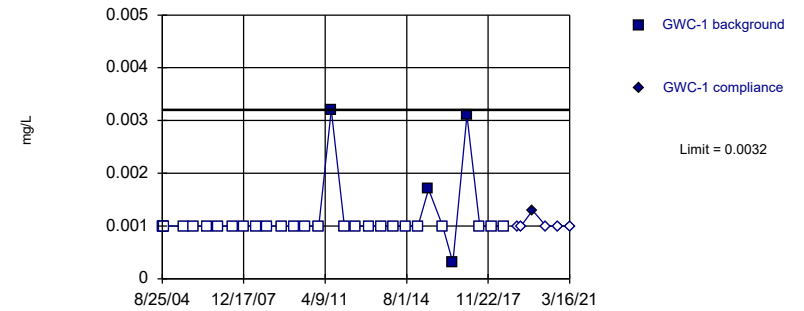


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 30 background values. 83.33% NDs. Well-constituent pair annual alpha = 0.0003661. Individual comparison alpha = 0.0001831 (1 of 3).

Constituent: Vanadium Analysis Run 4/28/2021 3:29 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

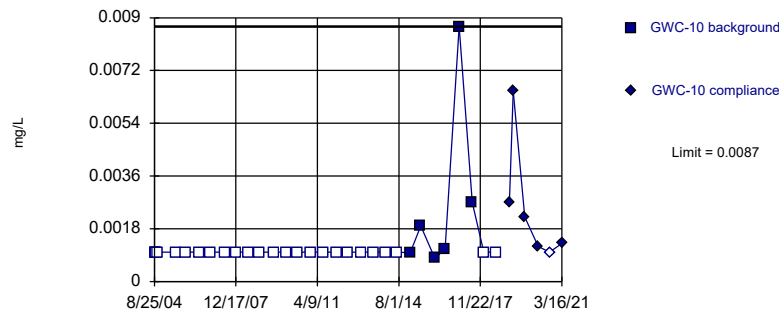


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 30 background values. 86.67% NDs. Well-constituent pair annual alpha = 0.0003661. Individual comparison alpha = 0.0001831 (1 of 3).

Constituent: Vanadium Analysis Run 4/28/2021 3:29 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

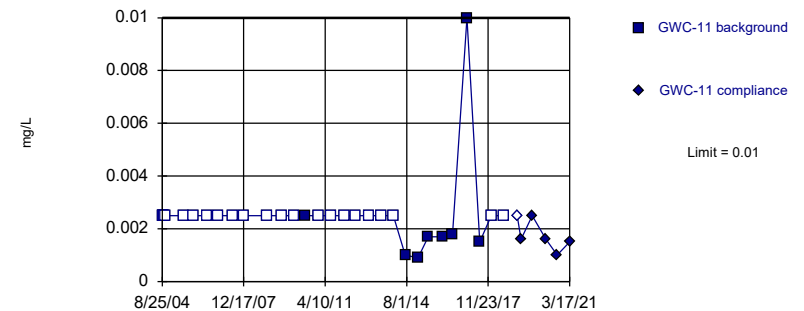


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 80.65% NDs. Well-constituent pair annual alpha = 0.0003403. Individual comparison alpha = 0.0001701 (1 of 3).

Constituent: Vanadium Analysis Run 4/28/2021 3:29 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

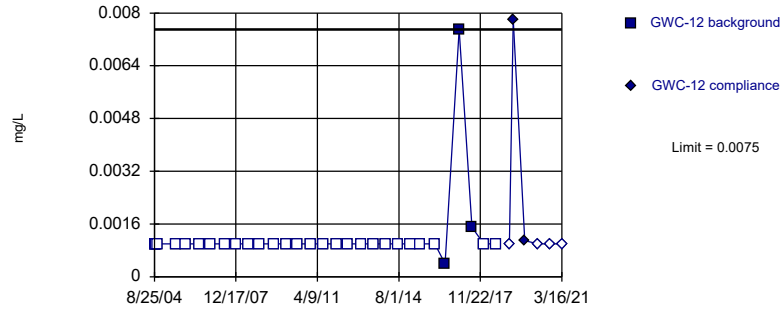


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 30 background values. 73.33% NDs. Well-constituent pair annual alpha = 0.0003661. Individual comparison alpha = 0.0001831 (1 of 3).

Constituent: Vanadium Analysis Run 4/28/2021 3:29 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

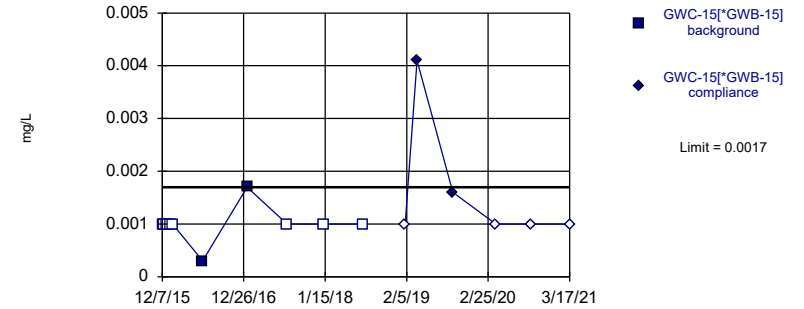


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 90.32% NDs. Well-constituent pair annual alpha = 0.0003403. Individual comparison alpha = 0.0001701 (1 of 3).

Constituent: Vanadium Analysis Run 4/28/2021 3:29 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

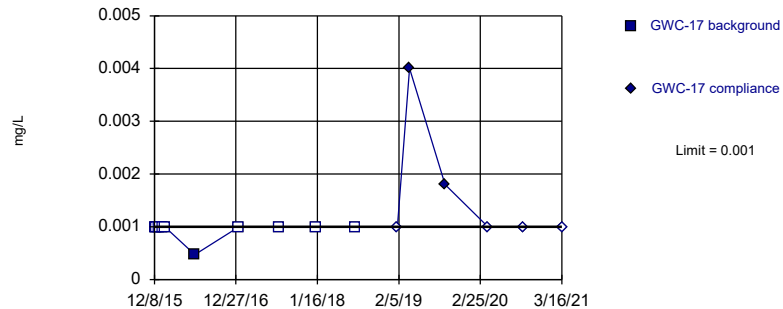


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 10 background values. 80% NDs. Well-constituent pair annual alpha = 0.006868. Individual comparison alpha = 0.00344 (1 of 3).

Constituent: Vanadium Analysis Run 4/28/2021 3:29 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

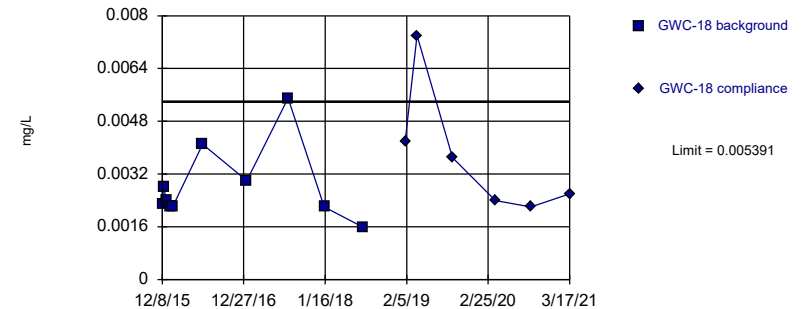


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 10 background values. 90% NDs. Well-constituent pair annual alpha = 0.006868. Individual comparison alpha = 0.00344 (1 of 3).

Constituent: Vanadium Analysis Run 4/28/2021 3:29 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
Within Limit

Prediction Limit
Intrawell Parametric



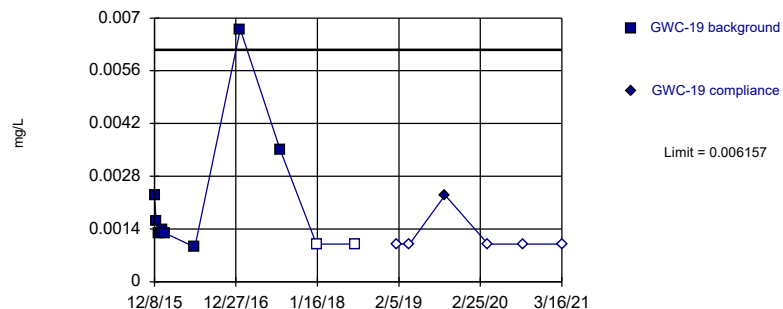
Background Data Summary: Mean=0.00283, Std. Dev.=0.001152, n=10. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8111, critical = 0.781. Kappa = 2.224 (c=15, w=9, 1 of 3, event alpha = 0.05132). Report alpha = 0.0003901.

Constituent: Vanadium Analysis Run 4/28/2021 3:29 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Parametric



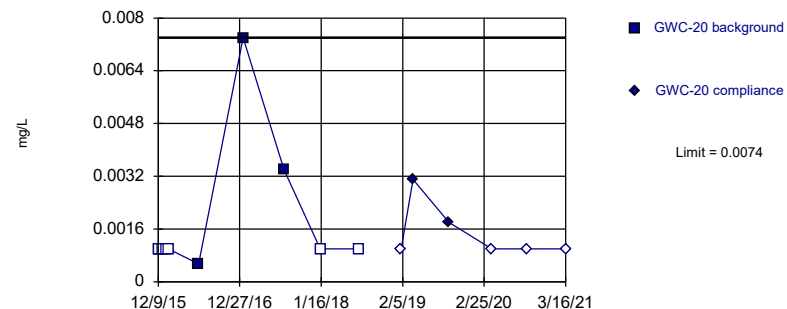
Background Data Summary (based on cube root transformation) (after Kaplan-Meier Adjustment): Mean=0.1199, Std. Dev.=0.02849, n=10, 20% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8028, critical = 0.781. Kappa = 2.224 (c=15, w=9, 1 of 3, event alpha = 0.05132). Report alpha = 0.0003901.

Constituent: Vanadium Analysis Run 4/28/2021 3:29 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



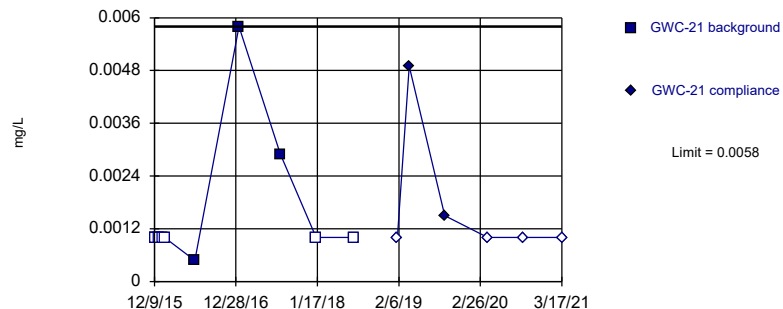
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 10 background values. 70% NDs. Well-constituent pair annual alpha = 0.006868. Individual comparison alpha = 0.00344 (1 of 3).

Constituent: Vanadium Analysis Run 4/28/2021 3:29 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



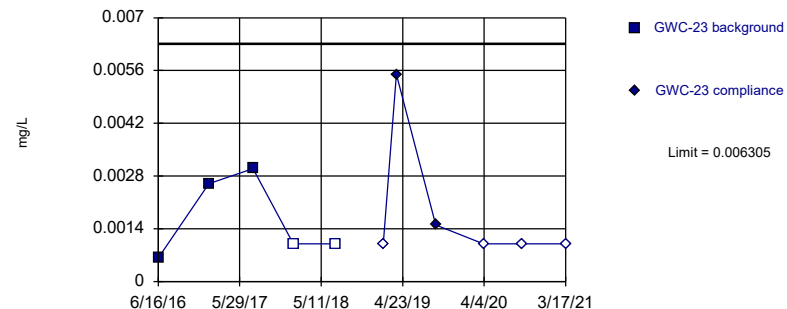
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 10 background values. 70% NDs. Well-constituent pair annual alpha = 0.006868. Individual comparison alpha = 0.00344 (1 of 3).

Constituent: Vanadium Analysis Run 4/28/2021 3:29 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Parametric



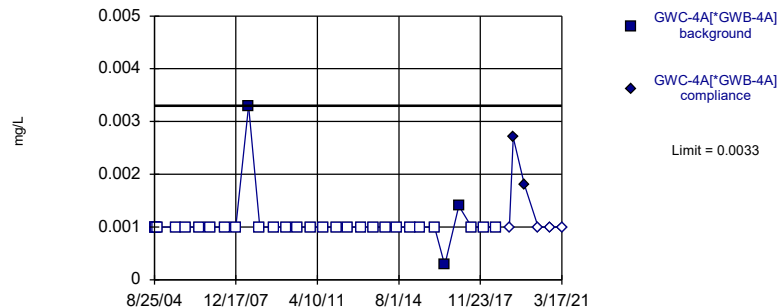
Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.001498, Std. Dev.=0.001071, n=5, 40% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8343, critical = 0.686. Kappa = 4.49 (c=15, w=9, 1 of 3, event alpha = 0.05132). Report alpha = 0.0003901.

Constituent: Vanadium Analysis Run 4/28/2021 3:29 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



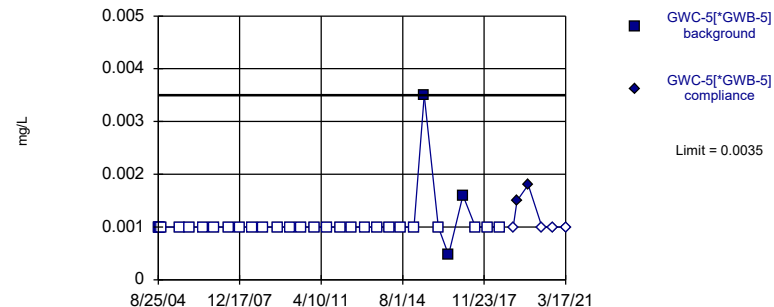
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 90.32% NDs. Well-constituent pair annual alpha = 0.0003403. Individual comparison alpha = 0.0001701 (1 of 3).

Constituent: Vanadium Analysis Run 4/28/2021 3:29 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



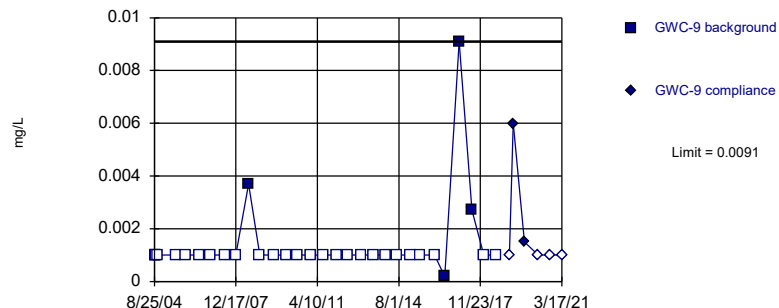
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 90.32% NDs. Well-constituent pair annual alpha = 0.0003403. Individual comparison alpha = 0.0001701 (1 of 3).

Constituent: Vanadium Analysis Run 4/28/2021 3:29 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



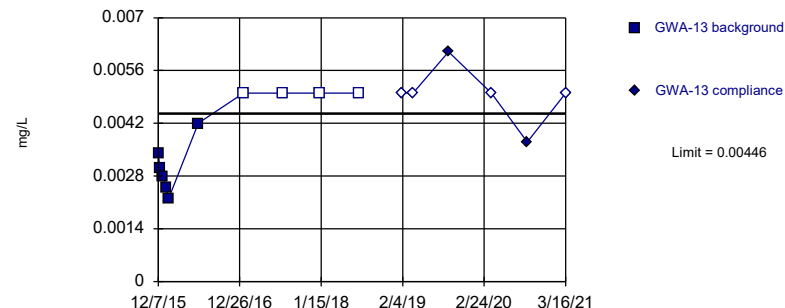
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 87.1% NDs. Well-constituent pair annual alpha = 0.0003403. Individual comparison alpha = 0.0001701 (1 of 3).

Constituent: Vanadium Analysis Run 4/28/2021 3:29 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Parametric

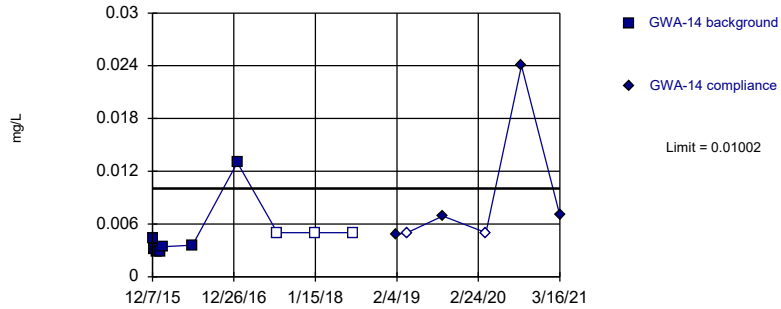


Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.003017, Std. Dev.=0.0006491, n=10, 40% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8435, critical = 0.781. Kappa = 2.224 (c=15, w=9, 1 of 3, event alpha = 0.05132). Report alpha = 0.0003901.

Constituent: Zinc Analysis Run 4/28/2021 3:29 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Within Limit

Prediction Limit
Intrawell Parametric

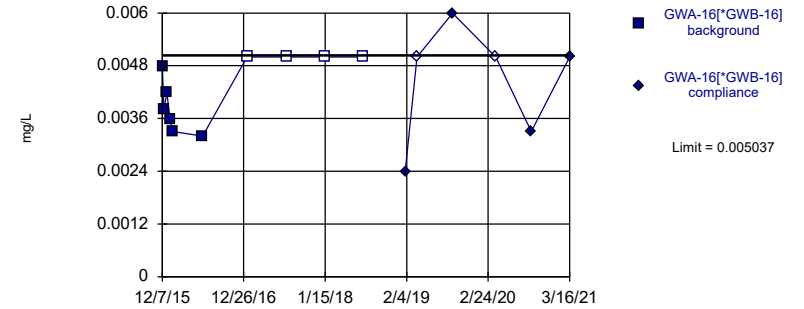


Background Data Summary (based on natural log transformation) (after Kaplan-Meier Adjustment): Mean=5.575, Std. Dev.=0.437, n=10, 30% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8151, critical = 0.781. Kappa = 2.224 (c=15, w=9, 1 of 3, event alpha = 0.05132). Report alpha = 0.0003901.

Constituent: Zinc Analysis Run 4/28/2021 3:29 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Within Limit

Prediction Limit
Intrawell Parametric

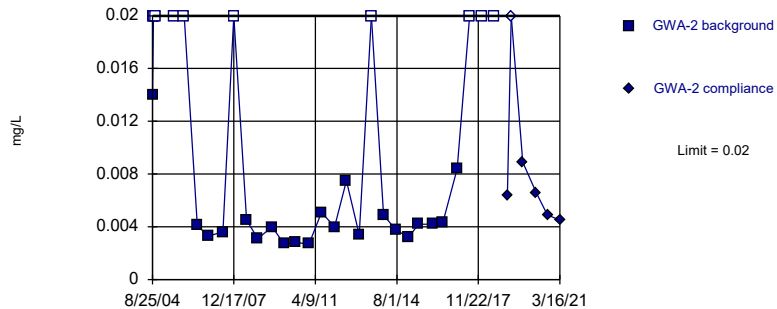


Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.003817, Std. Dev.=0.000549, n=10, 40% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8234, critical = 0.781. Kappa = 2.224 (c=15, w=9, 1 of 3, event alpha = 0.05132). Report alpha = 0.0003901.

Constituent: Zinc Analysis Run 4/28/2021 3:29 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

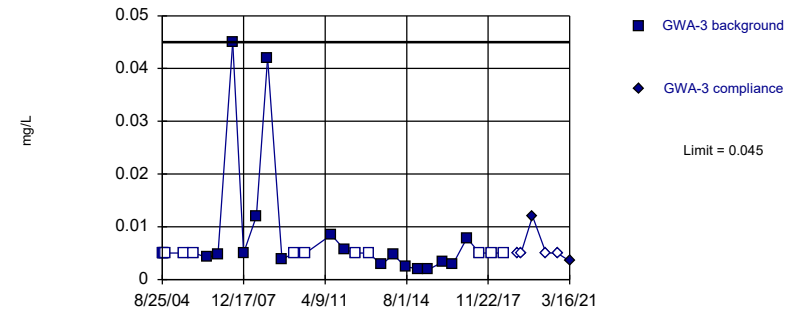


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 31 background values. 32.26% NDs. Well-constituent pair annual alpha = 0.0003403. Individual comparison alpha = 0.0001701 (1 of 3).

Constituent: Zinc Analysis Run 4/28/2021 3:29 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Within Limit

Prediction Limit
Intrawell Non-parametric

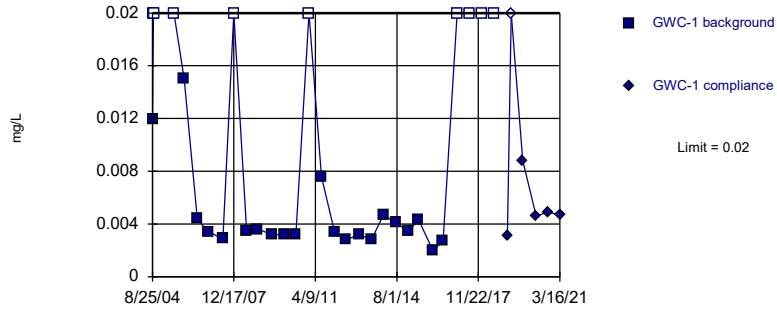


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 30 background values. 43.33% NDs. Well-constituent pair annual alpha = 0.0003661. Individual comparison alpha = 0.0001831 (1 of 3).

Constituent: Zinc Analysis Run 4/28/2021 3:29 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

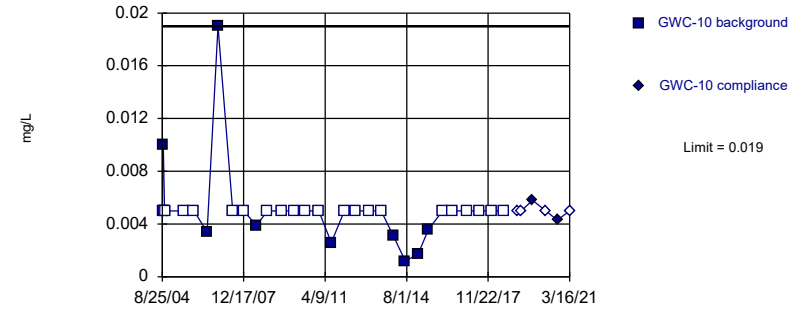


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 30 background values. 30% NDs. Well-constituent pair annual alpha = 0.0003661. Individual comparison alpha = 0.0001831 (1 of 3).

Constituent: Zinc Analysis Run 4/28/2021 3:29 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

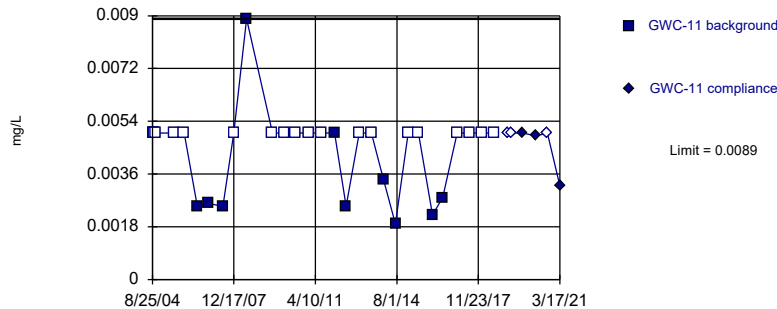


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 70.97% NDs. Well-constituent pair annual alpha = 0.0003403. Individual comparison alpha = 0.0001701 (1 of 3).

Constituent: Zinc Analysis Run 4/28/2021 3:29 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

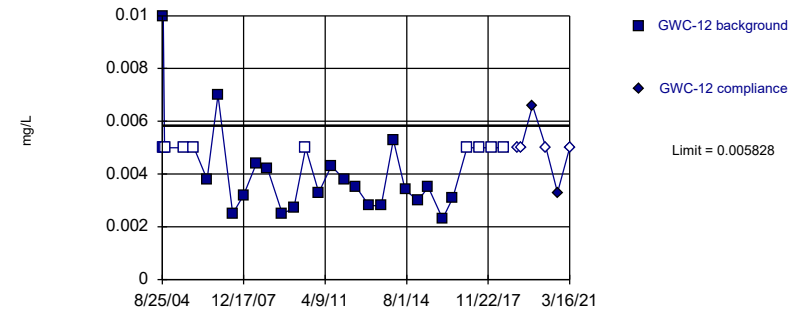


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 30 background values. 66.67% NDs. Well-constituent pair annual alpha = 0.0003661. Individual comparison alpha = 0.0001831 (1 of 3).

Constituent: Zinc Analysis Run 4/28/2021 3:30 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Parametric

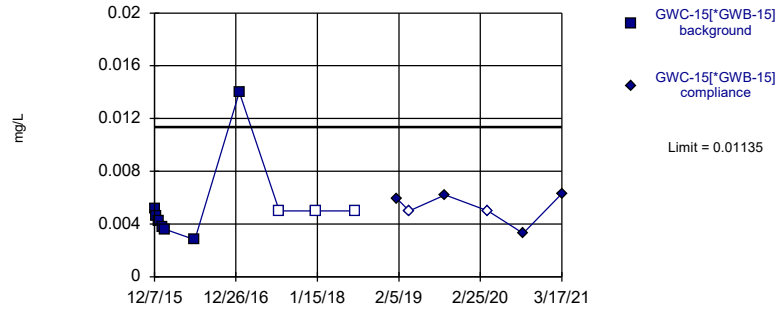


Background Data Summary (based on cube root transformation) (after Kaplan-Meier Adjustment): Mean=0.1507, Std. Dev.=0.01782, n=31, 32.26% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9134, critical = 0.902. Kappa = 1.641 (c=15, w=9, 1 of 3, event alpha = 0.05132). Report alpha = 0.0003901.

Constituent: Zinc Analysis Run 4/28/2021 3:30 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Parametric

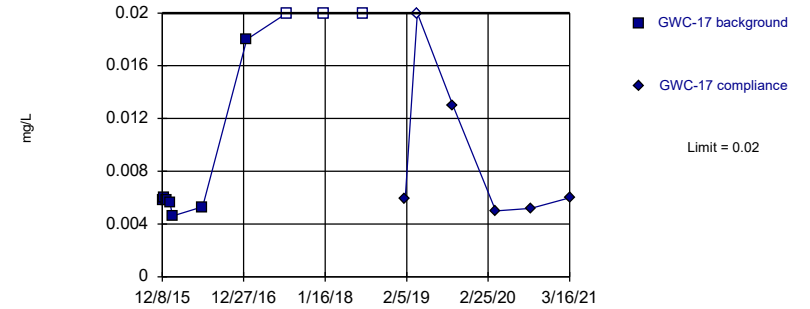


Background Data Summary (based on natural log transformation) (after Kaplan-Meier Adjustment): Mean=5.422, Std. Dev.=0.4242, n=10, 30% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.7931, critical = 0.781. Kappa = 2.224 (c=15, w=9, 1 of 3, event alpha = 0.05132). Report alpha = 0.0003901.

Constituent: Zinc Analysis Run 4/28/2021 3:30 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

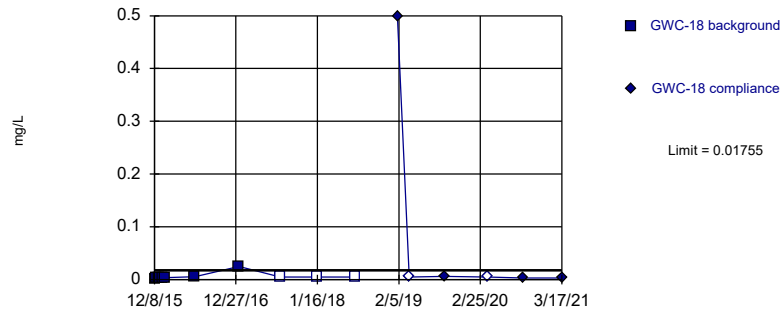


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 10 background values. 30% NDs. Well-constituent pair annual alpha = 0.006868. Individual comparison alpha = 0.00344 (1 of 3).

Constituent: Zinc Analysis Run 4/28/2021 3:30 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Parametric

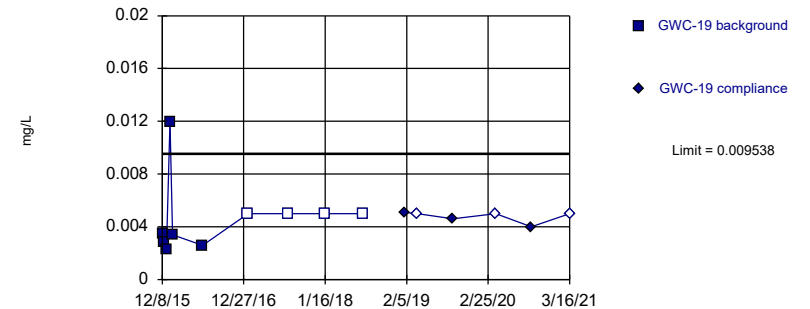


Background Data Summary (based on natural log transformation) (after Kaplan-Meier Adjustment): Mean=5.696, Std. Dev.=0.7436, n=10, 30% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8386, critical = 0.781. Kappa = 2.224 (c=15, w=9, 1 of 3, event alpha = 0.05132). Report alpha = 0.0003901.

Constituent: Zinc Analysis Run 4/28/2021 3:30 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Parametric

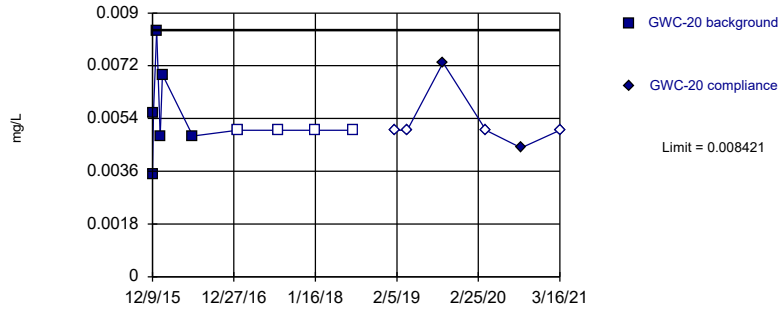


Background Data Summary (based on square root transformation) (after Kaplan-Meier Adjustment): Mean=0.05943, Std. Dev.=0.01719, n=10, 40% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8064, critical = 0.781. Kappa = 2.224 (c=15, w=9, 1 of 3, event alpha = 0.05132). Report alpha = 0.0003901.

Constituent: Zinc Analysis Run 4/28/2021 3:30 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Parametric

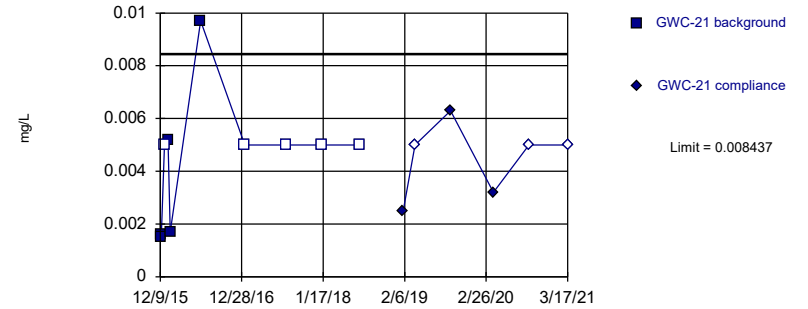


Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.004843, Std. Dev.=0.001609, n=10, 40% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8304, critical = 0.781. Kappa = 2.224 (c=15, w=9, 1 of 3, event alpha = 0.05132). Report alpha = 0.0003901.

Constituent: Zinc Analysis Run 4/28/2021 3:30 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Parametric

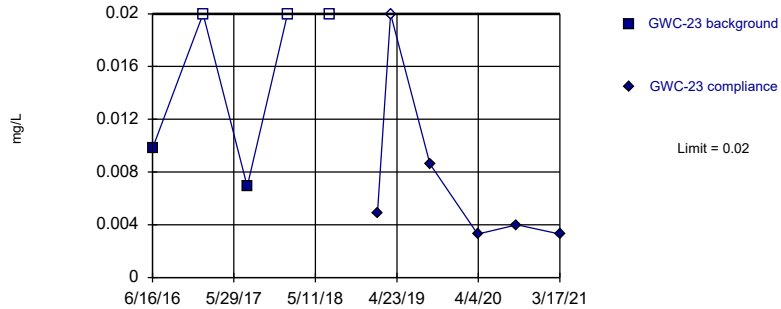


Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.00277, Std. Dev.=0.002548, n=10, 50% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8057, critical = 0.781. Kappa = 2.224 (c=15, w=9, 1 of 3, event alpha = 0.05132). Report alpha = 0.0003901.

Constituent: Zinc Analysis Run 4/28/2021 3:30 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

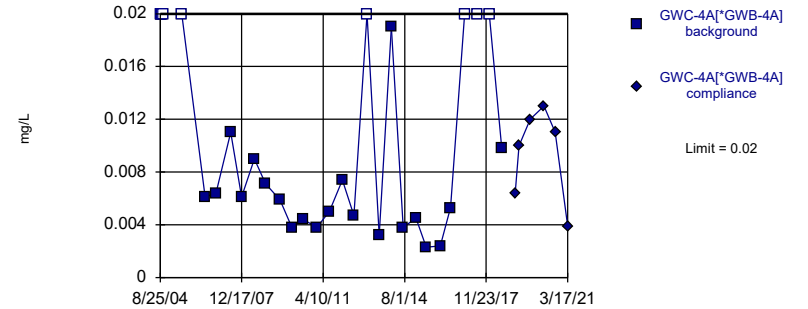


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 5 background values. 60% NDs. Well-constituent pair annual alpha = 0.03756. Individual comparison alpha = 0.01896 (1 of 3).

Constituent: Zinc Analysis Run 4/28/2021 3:30 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit

Prediction Limit
Intrawell Non-parametric

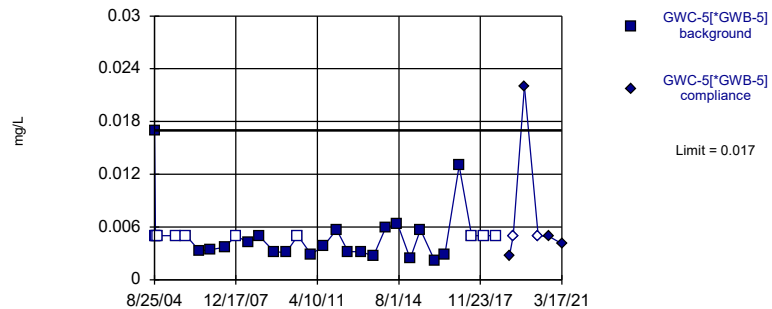


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 30 background values. 30% NDs. Well-constituent pair annual alpha = 0.0003661. Individual comparison alpha = 0.0001831 (1 of 3).

Constituent: Zinc Analysis Run 4/28/2021 3:30 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Within Limit

Prediction Limit
 Intrawell Non-parametric

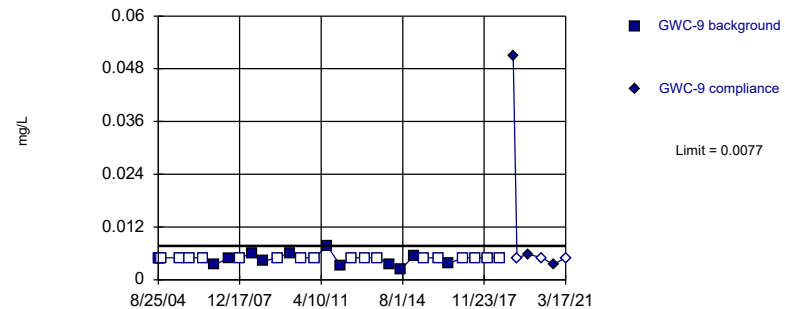


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 31 background values. 32.26% NDs. Well-constituent pair annual alpha = 0.0003403. Individual comparison alpha = 0.0001701 (1 of 3).

Constituent: Zinc Analysis Run 4/28/2021 3:30 PM View: EPD
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Within Limit

Prediction Limit
 Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 31 background values. 64.52% NDs. Well-constituent pair annual alpha = 0.0003403. Individual comparison alpha = 0.0001701 (1 of 3).

Constituent: Zinc Analysis Run 4/28/2021 3:30 PM View: EPD
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Prediction Limit

Constituent: Antimony Analysis Run 4/28/2021 3:44 PM View: EPD
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWA-13	GWA-13	GWA-14	GWA-14	GWA-2	GWA-2	GWA-3	GWA-3
8/25/2004					<0.002		<0.002	
9/11/2004					<0.002		<0.002	
9/26/2004					<0.002		<0.002	
10/13/2004					<0.002		<0.002	
7/11/2005					<0.002		<0.002	
12/7/2005					<0.002		<0.002	
6/22/2006					<0.002		<0.002	
11/28/2006					<0.002		<0.002	
7/6/2007					<0.002		<0.002	
12/13/2007					<0.002		<0.002	
6/20/2008					<0.002		<0.002	
12/7/2008					<0.002		<0.002	
7/9/2009					<0.002		<0.002	
12/28/2009					<0.002		<0.002	
6/22/2010					<0.002		<0.002	
1/4/2011					<0.002			
1/5/2011							<0.002	
7/9/2011					<0.002		<0.002	
1/20/2012							<0.002	
1/21/2012					<0.002			
7/11/2012					<0.002		<0.002	
1/19/2013							<0.002	
1/20/2013					<0.002			
7/18/2013							<0.002	
7/19/2013					<0.002			
1/15/2014					<0.002		<0.002	
7/11/2014					<0.002 (D)		<0.002 (D)	
1/15/2015							<0.002	
1/16/2015					<0.002			
6/19/2015							<0.002	
6/20/2015					<0.002			
12/7/2015	<0.002		<0.002					
12/15/2015	<0.002		<0.002					
12/29/2015	<0.002		<0.002					
1/13/2016	<0.002		<0.002					
1/16/2016					<0.002		<0.002	
1/25/2016	<0.002		<0.002					
4/19/2016					<0.002		<0.002	
4/20/2016	<0.002		<0.002					
6/14/2016	<0.002		<0.002		<0.002		<0.002	
8/9/2016	<0.002		<0.002		<0.002		<0.002	
9/26/2016					<0.002			
9/27/2016	<0.002		<0.002				<0.002	
11/14/2016							<0.002	
11/15/2016	<0.002		<0.002		<0.002			
1/10/2017					<0.002		<0.002	
1/11/2017			<0.002					
1/12/2017	<0.002							
2/28/2017	<0.002		<0.002		<0.002		<0.002	
4/19/2017					<0.002		<0.002	
4/20/2017	<0.002		<0.002					
7/17/2017					<0.002			

Prediction Limit

Constituent: Antimony Analysis Run 4/28/2021 3:44 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWA-13	GWA-13	GWA-14	GWA-14	GWA-2	GWA-2	GWA-3	GWA-3
7/18/2017	<0.002						0.0022 (J)	
7/19/2017			<0.002					
1/10/2018	<0.002				<0.002		<0.002	
1/11/2018			<0.002					
7/11/2018	<0.002		<0.002		<0.002		<0.002	
1/29/2019		<0.002		<0.002		<0.002		<0.002
3/26/2019		<0.002		<0.002				
3/27/2019						<0.002		<0.002
9/10/2019		0.00052 (J)		<0.002				
9/11/2019						<0.002		0.00081 (J)
3/31/2020		<0.002						
4/1/2020				<0.002		0.0004 (J)		<0.002
9/15/2020		<0.002		0.00039 (J)		<0.002		<0.002
3/16/2021		<0.002		<0.002		<0.002		<0.002

Prediction Limit

Constituent: Antimony, Arsenic Analysis Run 4/28/2021 3:44 PM View: EPD

Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-18	GWC-18	GWA-13	GWA-13	GWA-14	GWA-14	GWA-16[*GWB-16]	GWA-16[*GWB-16]
12/7/2015			<0.001		<0.001		<0.001	
12/8/2015	<0.002							
12/14/2015	<0.002						<0.001	
12/15/2015			<0.001		<0.001			
12/28/2015	<0.002						<0.001	
12/29/2015			<0.001		<0.001			
1/13/2016			<0.001		<0.001		<0.001	
1/14/2016	<0.002							
1/25/2016			<0.001		<0.001		<0.001	
1/26/2016	<0.002							
4/19/2016	<0.002							
4/20/2016			<0.001		<0.001		<0.001	
6/14/2016			<0.001		<0.001			
6/15/2016							<0.001	
6/16/2016	0.00022 (J)							
8/9/2016			<0.001		<0.001		<0.001	
8/11/2016	<0.002							
9/27/2016			<0.001		<0.001		<0.001	
9/28/2016	<0.002							
11/15/2016			<0.001		<0.001		<0.001	
11/16/2016	<0.002							
1/11/2017	<0.002				<0.001		<0.001	
1/12/2017			<0.001					
2/28/2017			<0.001		<0.001			
3/1/2017	<0.002						<0.001	
4/20/2017			<0.001		<0.001		<0.001	
4/25/2017	<0.002							
7/18/2017			<0.001					
7/19/2017					<0.001		<0.001	
7/25/2017	<0.002							
1/10/2018			<0.001					
1/11/2018					<0.001		<0.001	
1/12/2018	<0.002							
7/11/2018	<0.002		<0.001		<0.001		<0.001	
1/29/2019				<0.001		<0.001		<0.001
1/30/2019		<0.002						
3/26/2019				<0.001		<0.001		<0.001
3/27/2019		<0.002						
9/10/2019				0.00076 (J)		0.00043 (J)		0.00036 (J)
9/11/2019		<0.002						
3/31/2020				<0.001				
4/1/2020		<0.002				<0.001		<0.001
9/15/2020		<0.002		<0.001		<0.001		<0.001
3/16/2021				<0.001		<0.001		<0.001
3/17/2021		<0.002						

Prediction Limit

Constituent: Arsenic Analysis Run 4/28/2021 3:44 PM View: EPD
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWA-3	GWA-3	GWC-10	GWC-10	GWC-11	GWC-11	GWC-12	GWC-12
8/25/2004	<0.001		<0.0013		<0.005		<0.001	
9/11/2004	<0.001		<0.0013		<0.005		<0.001	
9/26/2004	<0.001		<0.0013		<0.005		<0.001	
10/13/2004	<0.001		<0.0013		<0.005		<0.001	
7/11/2005	<0.001		<0.0013		<0.005		<0.001	
12/7/2005	<0.001		<0.0013		<0.005		<0.001	
6/22/2006	<0.001		<0.0013		<0.005		<0.001	
11/28/2006	<0.001		<0.0013		<0.005		<0.001	
7/6/2007	<0.001		<0.0013		<0.005		<0.001	
12/13/2007	<0.001		<0.0013		<0.005		<0.001	
6/20/2008	<0.001		<0.0013		<0.005		<0.001	
12/7/2008	<0.001		<0.0013		<0.005		<0.001	
7/9/2009	<0.001							
7/10/2009			<0.0013		<0.005		<0.001	
12/28/2009	<0.001						<0.001	
12/29/2009			<0.0013		<0.005			
6/22/2010	<0.001		<0.0013		<0.005		<0.001	
1/4/2011			<0.0013				<0.001	
1/5/2011					<0.005			
7/9/2011	<0.001				<0.005		<0.001	
7/10/2011			<0.0013					
1/20/2012	<0.001						<0.001	
1/21/2012			<0.0013		<0.005			
7/11/2012	<0.001		<0.0013		<0.005		<0.001	
1/19/2013	<0.001				<0.005		<0.001	
1/20/2013			<0.0013					
7/18/2013	<0.001						<0.001	
7/19/2013			<0.0013		<0.005			
1/15/2014	<0.001				<0.005		<0.001	
1/16/2014			<0.0013					
7/10/2014			<0.0013					
7/11/2014	<0.001				<0.005		<0.001	
1/15/2015	<0.001						<0.001	
1/16/2015			<0.0013		<0.005			
6/19/2015	<0.001						<0.001	
6/20/2015			<0.0013		<0.005			
1/14/2016					<0.005			
1/16/2016	<0.001		<0.0013				<0.001	
4/19/2016	<0.001							
4/20/2016					0.00117 (J)		<0.001	
4/21/2016			<0.0013					
6/14/2016	<0.001							
6/15/2016					0.0013 (J)		<0.001	
6/16/2016			0.0004 (J)					
8/9/2016	<0.001							
8/10/2016			<0.0013		0.0013		<0.001	
9/27/2016	<0.001		<0.0013		0.0011 (J)		<0.001	
11/14/2016	<0.001							
11/15/2016			<0.0013		0.001 (J)		<0.001	
1/10/2017	<0.001							
1/12/2017			0.00077 (J)		0.0016		0.00062 (J)	
2/28/2017	0.00061 (J)							

Prediction Limit

Constituent: Arsenic Analysis Run 4/28/2021 3:44 PM View: EPD
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWA-3	GWA-3	GWC-10	GWC-10	GWC-11	GWC-11	GWC-12	GWC-12
3/1/2017			<0.0013		0.00092 (J)		<0.001	
4/19/2017	0.00069 (J)							
4/20/2017							<0.001	
4/24/2017			<0.0013		0.0011 (J)			
7/18/2017	<0.001							
7/20/2017							0.00053 (J)	
7/24/2017			<0.0013		0.00086 (J)			
1/10/2018	<0.001							
1/11/2018			0.00046 (J)		0.0012 (J)		<0.001	
7/11/2018	<0.001							
7/12/2018			<0.0013		0.001 (J)		<0.001	
1/29/2019		<0.001						
1/30/2019				<0.0013		0.0015 (J)		<0.001
3/27/2019		0.0011		0.0013		0.0013		0.0011
9/11/2019		<0.001		0.00082 (J)		0.0017		0.00032 (J)
4/1/2020		<0.001		0.00055 (J)				<0.001
4/2/2020						0.0014		
9/15/2020		<0.001		0.00041 (J)		0.0011		
9/16/2020								<0.001
3/16/2021		<0.001		0.00069 (J)				<0.001
3/17/2021						0.0014		

Prediction Limit

Constituent: Arsenic Analysis Run 4/28/2021 3:44 PM View: EPD
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-15[*GWB-15]	GWC-15[*GWB-15]	GWC-17	GWC-17	GWC-18	GWC-18	GWC-19	GWC-19
12/7/2015	<0.001							
12/8/2015			<0.001		<0.0013		<0.001	
12/14/2015			<0.001		<0.0013			
12/15/2015	<0.001						<0.001	
12/28/2015	<0.001		<0.001		<0.0013		<0.001	
1/13/2016	<0.001		<0.001					
1/14/2016					<0.0013		<0.001	
1/25/2016	<0.001							
1/26/2016			<0.001		<0.0013		<0.001	
4/19/2016					0.00112 (J)		<0.001	
4/20/2016			<0.001					
4/21/2016	<0.001							
6/15/2016	<0.001		0.00015 (J)					
6/16/2016					0.0011 (J)		0.00026 (J)	
8/9/2016	<0.001		<0.001					
8/10/2016							<0.001	
8/11/2016					0.001 (J)			
9/27/2016	<0.001		<0.001					
9/28/2016					0.00062 (J)		<0.001	
11/15/2016	<0.001		<0.001				<0.001	
11/16/2016					0.00046 (J)			
1/11/2017	<0.001		<0.001		0.00093 (J)			
1/16/2017							0.00067 (J)	
2/28/2017	<0.001							
3/1/2017			<0.001		0.0006 (J)		<0.001	
4/20/2017	<0.001		<0.001					
4/25/2017					0.0011 (J)		<0.001	
7/19/2017	0.00056 (J)		0.00047 (J)					
7/25/2017					0.001 (J)		<0.001	
1/11/2018	<0.001		<0.001					
1/12/2018					0.00095 (J)		<0.001	
7/11/2018	<0.001		<0.001		0.0007 (J)		<0.001	
1/29/2019		<0.001		<0.001				<0.001
1/30/2019						<0.0013		
3/26/2019		0.00075						
3/27/2019				0.00097		0.0019		<0.001
9/11/2019		0.00033 (J)		0.00038 (J)		0.0012		0.00057 (J)
4/1/2020		<0.001		<0.001		0.00067		<0.001
9/15/2020		<0.001		<0.001		0.00076 (J)		
9/16/2020								<0.001
3/16/2021				<0.001				<0.001
3/17/2021		<0.001				0.00072 (J)		

Prediction Limit

Constituent: Arsenic Analysis Run 4/28/2021 3:44 PM View: EPD
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-20	GWC-20	GWC-21	GWC-21	GWC-23	GWC-23	GWC-4A[*GWB-4A]GWC-4A[*GWB-4A]
8/25/2004							<0.001
9/11/2004							<0.001
9/26/2004							<0.001
10/13/2004							<0.001
7/11/2005							<0.001
12/7/2005							<0.001
6/22/2006							<0.001
11/28/2006							<0.001
7/6/2007							<0.001
12/13/2007							<0.001
6/20/2008							<0.001
12/7/2008							<0.001
7/9/2009							<0.001
12/30/2009							<0.001
6/22/2010							<0.001
1/4/2011							<0.001
7/10/2011							<0.001
1/21/2012							<0.001
7/11/2012							<0.001
1/20/2013							<0.001
7/19/2013							<0.001
1/16/2014							<0.001
7/10/2014							<0.001
1/16/2015							<0.001
6/20/2015							<0.001
12/9/2015	<0.001		<0.001				
12/14/2015	<0.001		<0.001				
12/29/2015	<0.001		0.0022 (J)				
1/14/2016	<0.001		0.002 (J)				<0.001
1/25/2016	<0.001		<0.001				
4/20/2016							<0.001
4/21/2016	<0.001		<0.001				
6/14/2016							0.00016 (J)
6/16/2016	0.00014 (J)		0.00046 (J)		0.00043 (J)		
8/10/2016	<0.001		<0.001		0.0021		
8/11/2016							0.00096 (J)
9/27/2016	<0.001		0.00084 (J)				0.0026
9/28/2016					0.0011 (J)		
11/14/2016							0.0017
11/15/2016	<0.001		<0.001				
11/16/2016					0.0011 (J)		
1/10/2017							0.0021
1/12/2017			<0.001				
1/13/2017	<0.001						
1/17/2017					0.00064 (J)		
2/28/2017							0.0027
3/1/2017	<0.001		<0.001				
3/2/2017					<0.001		
4/20/2017							0.0014
4/24/2017			<0.001				
4/25/2017	0.00046 (J)				0.0007 (J)		
7/13/2017					<0.001		

Prediction Limit

Constituent: Arsenic Analysis Run 4/28/2021 3:44 PM View: EPD
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-20	GWC-20	GWC-21	GWC-21	GWC-23	GWC-23	GWC-4A[*GWB-4A]GWC-4A[*GWB-4A]
7/18/2017							0.0012 (J)
7/25/2017	<0.001		<0.001		<0.001		
1/10/2018							0.00068 (J)
1/11/2018			<0.001				
1/12/2018	<0.001				<0.001		
7/11/2018	<0.001		<0.001				<0.001
7/12/2018					<0.001		
1/29/2019		<0.001					<0.001
1/30/2019				<0.001		<0.001	
3/26/2019							0.0005
3/27/2019		<0.001		0.00074		0.00079	
9/10/2019							0.00051 (J)
9/11/2019		0.00066 (J)		0.00064 (J)		0.00051 (J)	
3/31/2020							<0.001
4/1/2020		<0.001		<0.001		<0.001	
9/15/2020		<0.001		<0.001		<0.001	
9/16/2020							<0.001
3/16/2021		<0.001					
3/17/2021				<0.001		<0.001	<0.001

Prediction Limit

Constituent: Arsenic, Barium Analysis Run 4/28/2021 3:44 PM View: EPD

Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-5[*GWB-5]	GWC-5[*GWB-5]	GWC-9	GWC-9	GWA-13	GWA-13	GWA-14	GWA-14
8/25/2004	<0.001		<0.001					
9/11/2004	<0.001		<0.001					
9/26/2004	<0.001		<0.001					
10/13/2004	<0.001		<0.001					
7/11/2005	<0.001		<0.001					
12/7/2005	<0.001		<0.001					
6/22/2006	<0.001		<0.001					
11/28/2006	<0.001		<0.001					
7/6/2007	<0.001		<0.001					
12/13/2007	<0.001		<0.001					
6/20/2008	<0.001		<0.001					
12/7/2008	<0.001		<0.001					
7/9/2009	<0.001		<0.001					
12/29/2009	<0.001		<0.001					
6/22/2010	<0.001		<0.001					
1/4/2011	<0.001							
1/5/2011			<0.001					
7/9/2011	<0.001		<0.001					
1/21/2012	<0.001		<0.001					
7/11/2012	<0.001		<0.001					
1/19/2013	<0.001		<0.001					
7/18/2013	<0.001		<0.001					
1/15/2014	<0.001		<0.001					
7/10/2014	<0.001		<0.001					
1/15/2015	<0.001							
1/16/2015			<0.001					
6/19/2015	<0.001							
6/20/2015			<0.001					
12/7/2015					0.015		0.018	
12/15/2015					0.015		0.017	
12/29/2015					0.016		0.018	
1/13/2016					0.017		0.018	
1/14/2016	<0.001		<0.001					
1/25/2016					0.017		0.018	
4/19/2016			<0.001					
4/20/2016	<0.001				0.0144		0.0143	
6/14/2016	5E-05 (J)				0.015		0.012	
6/15/2016			<0.001					
8/9/2016	<0.001				0.013		0.011	
8/10/2016			<0.001					
9/27/2016	<0.001		<0.001		0.015		0.01	
11/15/2016	<0.001		<0.001		0.015		0.012	
1/11/2017	<0.001						0.011	
1/12/2017					0.012			
1/13/2017			0.00055 (J)					
1/19/2017	<0.001							
1/24/2017	0.0027							
2/28/2017	<0.001				0.016		0.011	
3/1/2017			<0.001					
4/20/2017	<0.001				0.015		0.011	
4/24/2017			<0.001					
7/18/2017	<0.001				0.015			

Prediction Limit

Constituent: Arsenic, Barium Analysis Run 4/28/2021 3:44 PM View: EPD
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-5[*GWB-5]	GWC-5[*GWB-5]	GWC-9	GWC-9	GWA-13	GWA-13	GWA-14	GWA-14
7/19/2017							0.012	
7/24/2017			<0.001					
1/10/2018	<0.001				0.015			
1/11/2018							0.012	
1/12/2018			<0.001					
7/11/2018	<0.001				0.015		0.012	
7/12/2018			<0.001					
1/29/2019		<0.001				0.019		0.013
1/30/2019				<0.001				
3/26/2019		<0.001				0.016		0.012
3/27/2019				0.00073				
9/10/2019		0.00035 (J)				0.03		0.016
9/11/2019				0.00044 (J)				
3/31/2020		<0.001				0.015		
4/1/2020				<0.001				0.013
9/15/2020		<0.001				0.014		0.012
9/16/2020				<0.001				
3/16/2021						0.018		0.013
3/17/2021		<0.001		<0.001				

Prediction Limit

Constituent: Barium Analysis Run 4/28/2021 3:44 PM View: EPD
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWA-16[*GWB-16]	GWA-16[*GWB-16]	GWA-2	GWA-2	GWA-3	GWA-3	GWC-1	GWC-1
8/25/2004					0.025			
9/11/2004					0.015			
9/26/2004					0.017			
10/13/2004					0.017			
7/11/2005					0.012			
12/7/2005					0.012			
6/22/2006					0.016			
11/28/2006					0.017			
12/13/2007					0.01			
6/20/2008					0.026			
7/9/2009					0.01			
12/28/2009					0.0091			
6/22/2010					0.011			
7/9/2011					0.035			
1/20/2012					0.021			
7/11/2012					0.009			
1/19/2013					0.01			
1/20/2013							0.027	
7/18/2013					0.014			
7/19/2013							0.037	
1/15/2014					0.016		0.032	
7/11/2014					0.016		0.034	
1/15/2015					0.014			
1/16/2015			0.021				0.032	
6/19/2015					0.013			
6/20/2015			0.031				0.037	
12/7/2015	0.027							
12/14/2015	0.028							
12/28/2015	0.029							
1/13/2016	0.028							
1/16/2016			0.031		0.021		0.051	
1/25/2016	0.027							
4/19/2016			0.0305		0.0217			
4/20/2016	0.0259						0.0554	
6/14/2016			0.03		0.024			
6/15/2016	0.024						0.046	
8/9/2016	0.023		0.032		0.023			
8/10/2016							0.042	
9/26/2016			0.031					
9/27/2016	0.021				0.016		0.042	
11/14/2016					0.014			
11/15/2016	0.023		0.033				0.042	
1/10/2017			0.031		0.015			
1/11/2017	0.021							
1/12/2017							0.046	
1/23/2017							0.023	
2/28/2017			0.033		0.017			
3/1/2017	0.022						0.048	
4/19/2017			0.032		0.013			
4/20/2017	0.022						0.046	
7/17/2017			0.033					
7/18/2017					0.012			

Prediction Limit

Constituent: Barium Analysis Run 4/28/2021 3:44 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWA-16[*GWB-16]	GWA-16[*GWB-16]	GWA-2	GWA-2	GWA-3	GWA-3	GWC-1	GWC-1
7/19/2017	0.024						0.045	
1/10/2018			0.034		0.016			
1/11/2018	0.022						0.046	
7/11/2018	0.023		0.035		0.015			
7/12/2018								0.045
1/29/2019		0.026		0.034		0.017		
1/30/2019								0.05
3/26/2019		0.023						
3/27/2019				0.03		0.014		0.045
9/10/2019		0.039						
9/11/2019				0.034		0.015		0.038
4/1/2020		0.022		0.037		0.014		0.041
9/15/2020		0.024		0.036		0.015		0.038
3/16/2021		0.025		0.035		0.015		0.039

Prediction Limit

Constituent: Barium Analysis Run 4/28/2021 3:44 PM View: EPD
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-10	GWC-10	GWC-11	GWC-11	GWC-12	GWC-12	GWC-15[*GWB-15]	GWC-15[*GWB-15]
8/25/2004	0.036		0.018		0.014			
9/11/2004	0.036		0.022		0.014			
9/26/2004	0.035		0.022		0.014			
10/13/2004	0.035		0.017		0.013			
7/11/2005	0.017		0.015		0.011			
12/7/2005	0.017		0.012		0.012			
6/22/2006	0.015		0.012		0.012			
11/28/2006	0.032		0.013		0.011			
7/6/2007	0.03		0.012		0.014			
12/13/2007	0.039		0.013		0.011			
6/20/2008	0.038		0.026		0.011			
12/7/2008	0.034				0.01			
7/10/2009	0.032		0.013		0.011			
12/28/2009					0.011			
12/29/2009	0.03		0.012					
6/22/2010	0.024		0.014		0.011			
1/4/2011	0.017				0.013			
1/5/2011			0.011					
7/9/2011			0.012		0.015			
7/10/2011	0.03							
1/20/2012					0.013			
1/21/2012	0.022		0.017					
7/11/2012	0.025		0.015		0.015			
1/19/2013			0.013		0.014			
1/20/2013	0.029							
7/18/2013					0.013			
7/19/2013	0.02		0.012					
1/15/2014			0.012		0.013			
1/16/2014	0.022							
7/10/2014	0.018							
7/11/2014			0.012		0.016			
1/15/2015					0.012			
1/16/2015	0.019		0.011					
6/19/2015					0.015			
6/20/2015	0.021		0.013					
12/7/2015							0.027	
12/15/2015							0.028	
12/28/2015							0.026	
1/13/2016							0.026	
1/14/2016			0.016					
1/16/2016	0.019				0.013			
1/25/2016							0.027	
4/20/2016			0.0113		0.0114			
4/21/2016	0.0178						0.0262	
6/15/2016			0.013		0.0095 (J)		0.024	
6/16/2016	0.022							
8/9/2016							0.023	
8/10/2016	0.015		0.01		0.0094			
9/27/2016	0.014		0.01		0.011		0.023	
11/15/2016	0.015		0.011		0.0096		0.023	
1/11/2017							0.022	
1/12/2017	0.015		0.01		0.01			

Prediction Limit

Constituent: Barium Analysis Run 4/28/2021 3:44 PM View: EPD
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-10	GWC-10	GWC-11	GWC-11	GWC-12	GWC-12	GWC-15[*GWB-15]	GWC-15[*GWB-15]
2/28/2017							0.023	
3/1/2017	0.017		0.011		0.011			
4/20/2017					0.01		0.024	
4/24/2017	0.014		0.01					
7/19/2017							0.025	
7/20/2017					0.011			
7/24/2017	0.015		0.0089					
1/11/2018	0.013		0.01		0.01		0.023	
7/11/2018							0.025	
7/12/2018	0.024		0.016		0.011			
1/29/2019								0.027
1/30/2019		0.023		0.014 (J)		0.011 (J)		
3/26/2019								0.028
3/27/2019		0.019		0.013		0.0099		
9/11/2019		0.021		0.011		0.01		0.023
4/1/2020		0.035				0.0097 (J)		0.026
4/2/2020				0.011				
9/15/2020		0.023		0.015				0.023
9/16/2020						0.011		
3/16/2021		0.019				0.01		
3/17/2021				0.016				0.028

Prediction Limit

Constituent: Barium Analysis Run 4/28/2021 3:44 PM View: EPD
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-17	GWC-17	GWC-18	GWC-18	GWC-19	GWC-19	GWC-20	GWC-20
12/8/2015	0.021		0.053		0.057			
12/9/2015							0.039	
12/14/2015	0.021		0.049				0.045	
12/15/2015					0.052			
12/28/2015	0.02		0.048		0.041			
12/29/2015							0.045	
1/13/2016	0.019							
1/14/2016			0.048		0.038		0.034	
1/25/2016							0.038	
1/26/2016	0.019		0.044		0.034			
4/19/2016			0.0308		0.023			
4/20/2016	0.0188							
4/21/2016							0.0325	
6/15/2016	0.017							
6/16/2016			0.029		0.017		0.027	
8/9/2016	0.018							
8/10/2016					0.013		0.025	
8/11/2016			0.023					
9/27/2016	0.016						0.023	
9/28/2016			0.024		0.013			
11/15/2016	0.017				0.013		0.022	
11/16/2016			0.022					
1/11/2017	0.017		0.017					
1/13/2017							0.021	
1/16/2017					0.014			
3/1/2017	0.017		0.02		0.017		0.021	
4/20/2017	0.016							
4/25/2017			0.02		0.015		0.02	
7/19/2017	0.017							
7/25/2017			0.017		0.012		0.02	
1/11/2018	0.017							
1/12/2018			0.015		0.014		0.021	
7/11/2018	0.017		0.013		0.018		0.021	
1/29/2019		0.02				0.016		0.017
1/30/2019				0.02				
3/27/2019		0.017		0.014		0.013		0.018
9/11/2019		0.021		0.018		0.015		0.021
4/1/2020		0.019		0.013		0.013		0.016
9/15/2020		0.018		0.014				0.021
9/16/2020						0.012		
3/16/2021		0.017				0.0099 (J)		0.016
3/17/2021				0.013				

Prediction Limit

Constituent: Barium Analysis Run 4/28/2021 3:44 PM View: EPD
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-21	GWC-21	GWC-23	GWC-23	GWC-4A[*GWB-4A]	GWC-4A[*GWB-4A]	GWC-5[*GWB-5]	GWC-5[*GWB-5]
2/28/2017					0.021		0.042	
3/1/2017	0.015							
3/2/2017			0.067					
4/20/2017					0.019		0.04	
4/24/2017	0.015							
4/25/2017			0.049					
7/13/2017			0.04					
7/18/2017					0.018		0.04	
7/25/2017	0.015		0.038					
1/10/2018					0.021		0.048	
1/11/2018	0.016							
1/12/2018			0.037					
7/11/2018	0.017				0.029		0.044	
7/12/2018			0.037					
1/29/2019						0.025		0.05
1/30/2019		0.017		0.034				
3/26/2019						0.023		0.046
3/27/2019		0.016		0.027				
9/10/2019						0.026		0.044
9/11/2019		0.019		0.023				
3/31/2020						0.017		0.044
4/1/2020		0.018		0.024				
9/15/2020		0.021		0.024				0.041
9/16/2020						0.016		
3/17/2021		0.019		0.024		0.014		0.04

Prediction Limit

Constituent: Barium, Beryllium Analysis Run 4/28/2021 3:44 PM View: EPD

Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-9	GWC-9	GWA-13	GWA-13	GWA-14	GWA-14	GWA-16[*GWB-16]	GWA-16[*GWB-16]
8/25/2004	0.029							
9/11/2004	0.031							
9/26/2004	0.03							
10/13/2004	0.024							
7/11/2005	0.022							
12/7/2005	0.032							
6/22/2006	0.026							
11/28/2006	0.02							
7/6/2007	0.018							
12/13/2007	0.017							
6/20/2008	0.018							
12/7/2008	0.016							
7/9/2009	0.019							
12/29/2009	0.02							
6/22/2010	0.022							
1/5/2011	0.021							
7/9/2011	0.021							
1/21/2012	0.021							
7/11/2012	0.021							
1/19/2013	0.024							
7/18/2013	0.024							
1/15/2014	0.022							
7/10/2014	0.023							
1/16/2015	0.015							
6/20/2015	0.024							
12/7/2015			<0.0025		<0.0025		<0.0025	
12/14/2015							<0.0025	
12/15/2015			<0.0025		<0.0025			
12/28/2015							<0.0025	
12/29/2015					<0.0025			
1/13/2016			<0.0025		<0.0025		<0.0025	
1/14/2016	0.026							
1/25/2016			<0.0025		<0.0025		<0.0025	
4/19/2016	0.0274							
4/20/2016			<0.0025		<0.0025		<0.0025	
6/14/2016			7.1E-05 (J)		4.4E-05 (J)			
6/15/2016	0.024						0.00011 (J)	
8/9/2016			<0.0025		<0.0025		<0.0025	
8/10/2016	0.031							
9/27/2016	0.029		<0.0025		<0.0025		<0.0025	
11/15/2016	0.029		<0.0025		<0.0025		<0.0025	
1/11/2017					<0.0025		<0.0025	
1/12/2017			<0.0025					
1/13/2017	0.025							
2/28/2017			<0.0025		<0.0025			
3/1/2017	0.03						<0.0025	
4/20/2017			<0.0025		<0.0025		<0.0025	
4/24/2017	0.024							
7/18/2017			<0.0025					
7/19/2017					<0.0025		<0.0025	
7/24/2017	0.026							
1/10/2018			<0.0025					

Prediction Limit

Constituent: Barium, Beryllium Analysis Run 4/28/2021 3:44 PM View: EPD
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-9	GWC-9	GWA-13	GWA-13	GWA-14	GWA-14	GWA-16[*GWB-16]	GWA-16[*GWB-16]
1/11/2018					<0.0025		<0.0025	
1/12/2018	0.027							
7/11/2018			<0.0025		<0.0025		<0.0025	
7/12/2018	0.031							
1/29/2019				<0.0025		<0.0025		<0.0025
1/30/2019		0.032						
3/26/2019				<0.0025		<0.0025		<0.0025
3/27/2019		0.023						
9/10/2019				0.0008 (J)		0.00025 (J)		0.00036 (J)
9/11/2019		0.029						
3/31/2020				<0.0025				
4/1/2020		0.021				<0.0025		<0.0025
9/15/2020				<0.0025		<0.0025		<0.0025
9/16/2020		0.033						
3/16/2021				0.0002 (J)		<0.0025		<0.0025
3/17/2021		0.041						

Prediction Limit

Constituent: Beryllium Analysis Run 4/28/2021 3:44 PM View: EPD
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWA-2	GWA-2	GWA-3	GWA-3	GWC-1	GWC-1	GWC-10	GWC-10
8/25/2004	<0.0025		<0.0025		<0.0025		<0.0025	
9/11/2004	<0.0025		<0.0025		<0.0025		<0.0025	
9/26/2004	<0.0025		<0.0025		<0.0025		<0.0025	
10/13/2004	<0.0025		<0.0025				<0.0025	
7/11/2005	<0.0025		<0.0025		<0.0025		<0.0025	
12/7/2005	<0.0025		<0.0025		<0.0025		<0.0025	
6/22/2006	<0.0025		<0.0025		<0.0025		<0.0025	
11/28/2006	<0.0025		<0.0025		<0.0025		<0.0025	
7/6/2007	<0.0025		<0.0025		<0.0025		<0.0025	
12/13/2007	<0.0025		<0.0025		<0.0025		<0.0025	
6/20/2008	<0.0025		<0.0025		<0.0025		<0.0025	
12/7/2008	<0.0025		<0.0025		<0.0025		<0.0025	
7/9/2009	<0.0025		<0.0025		<0.0025			
7/10/2009							<0.0025	
12/28/2009	<0.0025		<0.0025		<0.0025			
12/29/2009							<0.0025	
6/22/2010	<0.0025		<0.0025		<0.0025		<0.0025	
1/4/2011	<0.0025				<0.0025		<0.0025	
1/5/2011			0.0018					
7/9/2011	<0.0025		<0.0025		<0.0025			
7/10/2011							<0.0025	
1/20/2012			<0.0025					
1/21/2012	<0.0025				<0.0025		<0.0025	
7/11/2012	<0.0025		<0.0025		<0.0025		<0.0025	
1/19/2013			<0.0025					
1/20/2013	<0.0025				<0.0025		<0.0025	
7/18/2013			<0.0025					
7/19/2013	<0.0025				<0.0025		<0.0025	
1/15/2014	0.00011 (J)		<0.0025		0.00016 (J)			
1/16/2014							<0.0025	
7/10/2014							<0.0025	
7/11/2014	0.0001 (J)		<0.0025		0.00018 (J)			
1/15/2015			<0.0025					
1/16/2015	<0.0025				0.00016 (J)		<0.0025	
6/19/2015			<0.0025					
6/20/2015	<0.0025				0.00017 (J)		0.00013 (J)	
1/16/2016	<0.0025		<0.0025		8E-05 (J)		<0.0025	
4/19/2016	<0.0025		<0.0025					
4/20/2016					<0.0025			
4/21/2016							<0.0025	
6/14/2016	6.5E-05 (J)		3.2E-05 (J)					
6/15/2016					0.00012 (J)			
6/16/2016							8.5E-05 (J)	
8/9/2016	<0.0025		<0.0025					
8/10/2016					<0.0025		<0.0025	
9/26/2016	<0.0025							
9/27/2016			<0.0025		<0.0025		<0.0025	
11/14/2016			<0.0025					
11/15/2016	<0.0025				<0.0025		<0.0025	
1/10/2017	<0.0025		<0.0025					
1/12/2017					<0.0025		<0.0025	
1/23/2017					<0.0025			

Prediction Limit

Constituent: Beryllium Analysis Run 4/28/2021 3:44 PM View: EPD
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWA-2	GWA-2	GWA-3	GWA-3	GWC-1	GWC-1	GWC-10	GWC-10
2/28/2017	<0.0025		<0.0025					
3/1/2017					<0.0025		<0.0025	
4/19/2017	<0.0025		<0.0025					
4/20/2017					<0.0025			
4/24/2017							<0.0025	
7/17/2017	<0.0025							
7/18/2017			<0.0025					
7/19/2017					<0.0025			
7/24/2017							<0.0025	
1/10/2018	<0.0025		<0.0025					
1/11/2018					<0.0025		<0.0025	
7/11/2018	<0.0025		<0.0025					
7/12/2018					<0.0025		<0.0025	
1/29/2019		6.3E-05 (J)		<0.0025				
1/30/2019						<0.0025		<0.0025
3/27/2019		<0.0025		<0.0025		<0.0025		<0.0025
9/11/2019		<0.0025		<0.0025		0.00021 (J)		<0.0025
4/1/2020		<0.0025		<0.0025		<0.0025		<0.0025
9/15/2020		0.00024 (J)		<0.0025		<0.0025		<0.0025
3/16/2021		<0.0025		<0.0025		0.00022 (J)		0.00033 (J)

Prediction Limit

Constituent: Beryllium Analysis Run 4/28/2021 3:44 PM View: EPD
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-11	GWC-11	GWC-12	GWC-12	GWC-15[*GWB-15]	GWC-15[*GWB-15]	GWC-17	GWC-17
8/25/2004	<0.0025		<0.0025					
9/11/2004	<0.0025		<0.0025					
9/26/2004	<0.0025		<0.0025					
10/13/2004	<0.0025		<0.0025					
7/11/2005	<0.0025		<0.0025					
12/7/2005	<0.0025		<0.0025					
6/22/2006	<0.0025		<0.0025					
11/28/2006	<0.0025		<0.0025					
7/6/2007	<0.0025		<0.0025					
12/13/2007	<0.0025		<0.0025					
6/20/2008	<0.0025		<0.0025					
12/7/2008	<0.0025		<0.0025					
7/10/2009	<0.0025		<0.0025					
12/28/2009			<0.0025					
12/29/2009	<0.0025							
6/22/2010	<0.0025		<0.0025					
1/4/2011			<0.0025					
1/5/2011	<0.0025							
7/9/2011	<0.0025		<0.0025					
1/20/2012			<0.0025					
1/21/2012	<0.0025							
7/11/2012	<0.0025		<0.0025					
1/19/2013	<0.0025		<0.0025					
7/18/2013			<0.0025					
7/19/2013	<0.0025							
1/15/2014	<0.0025		0.00017 (J)					
7/11/2014	<0.0025		0.00024 (J)					
1/15/2015			0.00015 (J)					
1/16/2015	<0.0025							
6/19/2015			0.00016 (J)					
6/20/2015	<0.0025							
12/7/2015					<0.0025			
12/8/2015							0.00046 (J)	
12/14/2015							0.00052 (J)	
12/15/2015					<0.0025			
12/28/2015					<0.0025		0.00057 (J)	
1/13/2016					<0.0025		0.00056 (J)	
1/14/2016	<0.0025							
1/16/2016			0.00014 (J)					
1/25/2016					<0.0025			
1/26/2016							0.00057 (J)	
4/20/2016	<0.0025		<0.0025					
4/21/2016					<0.0025			
6/15/2016	<0.0025		0.00014 (J)		3.8E-05 (J)		0.00056 (J)	
8/9/2016					<0.0025		0.00054 (J)	
8/10/2016	<0.0025		<0.0025					
9/27/2016	<0.0025		<0.0025		<0.0025		0.00056 (J)	
11/15/2016	<0.0025		<0.0025		<0.0025		0.00047 (J)	
1/11/2017					<0.0025		0.00066 (J)	
1/12/2017	<0.0025		<0.0025					
2/28/2017					<0.0025			
3/1/2017	<0.0025		<0.0025				0.00066 (J)	

Prediction Limit

Constituent: Beryllium Analysis Run 4/28/2021 3:44 PM View: EPD
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-11	GWC-11	GWC-12	GWC-12	GWC-15[*GWB-15]	GWC-15[*GWB-15]	GWC-17	GWC-17
4/20/2017			<0.0025		<0.0025		0.00055 (J)	
4/24/2017	<0.0025							
7/19/2017					<0.0025		0.00061 (J)	
7/20/2017			<0.0025					
7/24/2017	<0.0025							
1/11/2018	<0.0025		<0.0025		<0.0025		0.00064 (J)	
7/11/2018					<0.0025		0.00065 (J)	
7/12/2018	<0.0025		<0.0025					
1/29/2019						<0.0025		0.00062 (J)
1/30/2019		<0.0025		<0.0025				
3/26/2019						<0.0025		
3/27/2019		<0.0025		<0.0025				0.00062
9/11/2019		<0.0025		0.00022 (J)		<0.0025		0.001
4/1/2020				<0.0025		<0.0025		0.00058 (J)
4/2/2020		0.00023 (J)						
9/15/2020		<0.0025				<0.0025		0.00063 (J)
9/16/2020				<0.0025				
3/16/2021				0.00037 (J)				0.00062 (J)
3/17/2021		0.00048 (J)				<0.0025		

Prediction Limit

Constituent: Beryllium Analysis Run 4/28/2021 3:44 PM View: EPD
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-18	GWC-18	GWC-19	GWC-19	GWC-20	GWC-20	GWC-21	GWC-21
12/8/2015	<0.0025		0.00018 (J)					
12/9/2015					0.00026 (J)		<0.0025	
12/14/2015	<0.0025				0.00032 (J)		<0.0025	
12/15/2015			0.00014 (J)					
12/28/2015	<0.0025		9E-05 (J)					
12/29/2015					0.00043 (J)		<0.0025	
1/14/2016	<0.0025		0.0001 (J)		0.00032 (J)		<0.0025	
1/25/2016					0.00038 (J)		<0.0025	
1/26/2016	<0.0025		0.00011 (J)					
4/19/2016	<0.0025		<0.0025					
4/21/2016					<0.0025		<0.0025	
6/16/2016	<0.0025		0.00011 (J)		0.00032 (J)		<0.0025	
8/10/2016			<0.0025		<0.0025		<0.0025	
8/11/2016	<0.0025							
9/27/2016					<0.0025		0.00064 (J)	
9/28/2016	<0.0025		<0.0025					
11/15/2016			<0.0025		<0.0025		<0.0025	
11/16/2016	<0.0025							
1/11/2017	<0.0025							
1/12/2017							<0.0025	
1/13/2017					<0.0025			
1/16/2017			<0.0025					
3/1/2017	<0.0025		<0.0025		<0.0025		<0.0025	
4/24/2017							<0.0025	
4/25/2017	<0.0025		<0.0025		<0.0025			
7/25/2017	<0.0025		<0.0025		<0.0025		<0.0025	
1/11/2018							<0.0025	
1/12/2018	<0.0025		<0.0025		<0.0025			
7/11/2018	<0.0025		<0.0025		<0.0025		<0.0025	
1/29/2019				0.00023 (J)		0.00016 (J)		
1/30/2019		<0.0025						<0.0025
3/27/2019		<0.0025		<0.0025		<0.0025		<0.0025
9/11/2019		0.00026 (J)		0.00058 (J)		0.00052 (J)		0.00054 (J)
4/1/2020		<0.0025		<0.0025		<0.0025		<0.0025
9/15/2020		<0.0025				0.00025 (J)		<0.0025
9/16/2020				0.00022 (J)				
3/16/2021				0.00024 (J)		0.00022 (J)		
3/17/2021		<0.0025						<0.0025

Prediction Limit

Constituent: Beryllium Analysis Run 4/28/2021 3:44 PM View: EPD
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-23	GWC-23	GWC-4A[*GWB-4A]	GWC-4A[*GWB-4A]	GWC-5[*GWB-5]	GWC-5[*GWB-5]	GWC-9	GWC-9
8/25/2004			<0.0025		<0.0025		<0.0025	
9/11/2004			<0.0025		<0.0025		<0.0025	
9/26/2004			<0.0025		<0.0025		<0.0025	
10/13/2004			<0.0025		<0.0025		<0.0025	
7/11/2005			<0.0025		0.0011		<0.0025	
12/7/2005			<0.0025		<0.0025		<0.0025	
6/22/2006			<0.0025		<0.0025		<0.0025	
11/28/2006			<0.0025		<0.0025		<0.0025	
7/6/2007			<0.0025		<0.0025		<0.0025	
12/13/2007			<0.0025		<0.0025		<0.0025	
6/20/2008			<0.0025		<0.0025		<0.0025	
12/7/2008			<0.0025		<0.0025		<0.0025	
7/9/2009			<0.0025		<0.0025		<0.0025	
12/29/2009					<0.0025		<0.0025	
12/30/2009			<0.0025					
6/22/2010			<0.0025		<0.0025		<0.0025	
1/4/2011			<0.0025		<0.0025			
1/5/2011							<0.0025	
7/9/2011					<0.0025		<0.0025	
7/10/2011			<0.0025					
1/21/2012			<0.0025		<0.0025		<0.0025	
7/11/2012			<0.0025		<0.0025		<0.0025	
1/19/2013					<0.0025		<0.0025	
1/20/2013			<0.0025					
7/18/2013					<0.0025		<0.0025	
7/19/2013			<0.0025					
1/15/2014					<0.0025		<0.0025	
1/16/2014			<0.0025					
7/10/2014			0.0001 (J)		<0.0025		0.0001 (J)	
1/15/2015					<0.0025			
1/16/2015			<0.0025				<0.0025	
6/19/2015					0.00013 (J)			
6/20/2015			<0.0025				<0.0025	
1/14/2016			<0.0025		<0.0025		<0.0025	
4/19/2016							<0.0025	
4/20/2016			<0.0025		<0.0025			
6/14/2016			8.7E-05 (J)		5.4E-05 (J)			
6/15/2016							7.7E-05 (J)	
6/16/2016	<0.0025							
8/9/2016					<0.0025			
8/10/2016	<0.0025						<0.0025	
8/11/2016			<0.0025					
9/27/2016			<0.0025		<0.0025		<0.0025	
9/28/2016	<0.0025							
11/14/2016			<0.0025					
11/15/2016					<0.0025		<0.0025	
11/16/2016	<0.0025							
1/10/2017			<0.0025					
1/11/2017					<0.0025			
1/13/2017							<0.0025	
1/17/2017	<0.0025							
1/19/2017					<0.0025			

Prediction Limit

Constituent: Beryllium Analysis Run 4/28/2021 3:44 PM View: EPD
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-23	GWC-23	GWC-4A[*GWB-4A]	GWC-4A[*GWB-4A]	GWC-5[*GWB-5]	GWC-5[*GWB-5]	GWC-9	GWC-9
1/24/2017					<0.0025			
2/28/2017			<0.0025		<0.0025			
3/1/2017							<0.0025	
3/2/2017	<0.0025							
4/20/2017			<0.0025		<0.0025			
4/24/2017							<0.0025	
4/25/2017	<0.0025							
7/13/2017	<0.0025							
7/18/2017			<0.0025		<0.0025			
7/24/2017							<0.0025	
7/25/2017	<0.0025							
1/10/2018			<0.0025		<0.0025			
1/12/2018	<0.0025						<0.0025	
7/11/2018			<0.0025		<0.0025			
7/12/2018	<0.0025						<0.0025	
1/29/2019				0.00011 (J)		<0.0025		
1/30/2019		<0.0025						<0.0025
3/26/2019			<0.0025			<0.0025		
3/27/2019		<0.0025						<0.0025
9/10/2019				0.0006 (J)		<0.0025		
9/11/2019		0.00026 (J)						0.00021 (J)
3/31/2020			<0.0025			<0.0025		
4/1/2020		<0.0025						<0.0025
9/15/2020		<0.0025				<0.0025		
9/16/2020			<0.0025					<0.0025
3/17/2021		0.00018 (J)	<0.0025			<0.0025		0.00024 (J)

Prediction Limit

Constituent: Cadmium Analysis Run 4/28/2021 3:44 PM View: EPD
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWA-13	GWA-13	GWA-14	GWA-14	GWA-16[*GWB-16]	GWA-16[*GWB-16]	GWC-17	GWC-17
12/7/2015	<0.0025		<0.0025		<0.0025			
12/8/2015							0.00049 (J)	
12/14/2015					<0.0025		0.00053 (J)	
12/15/2015	<0.0025		<0.0025					
12/28/2015					<0.0025		0.00061 (J)	
12/29/2015	<0.0025		<0.0025					
1/13/2016	<0.0025		<0.0025		<0.0025		0.00063 (J)	
1/25/2016	<0.0025		<0.0025		<0.0025			
1/26/2016							0.00072 (J)	
4/20/2016	<0.0025		<0.0025		<0.0025		0.000633 (J)	
6/14/2016	0.001		6.2E-05 (J)					
6/15/2016					<0.0025		0.00055 (J)	
8/9/2016	<0.0025		<0.0025		<0.0025		0.00046 (J)	
9/27/2016	<0.0025		<0.0025		<0.0025		0.00071 (J)	
11/15/2016	<0.0025		<0.0025		<0.0025		0.00056 (J)	
1/11/2017			<0.0025		<0.0025		0.0007 (J)	
1/12/2017	<0.0025							
2/28/2017	<0.0025		<0.0025					
3/1/2017					<0.0025		0.00063 (J)	
4/20/2017	<0.0025		<0.0025		<0.0025		0.00055 (J)	
7/18/2017	<0.0025							
7/19/2017			<0.0025		<0.0025		0.00072 (J)	
1/10/2018	<0.0025							
1/11/2018			<0.0025		<0.0025		0.00062 (J)	
7/11/2018	<0.0025		<0.0025		<0.0025		0.0004 (J)	
1/29/2019		<0.0025		<0.0025		<0.0025		0.00062 (J)
3/26/2019		<0.0025		<0.0025		<0.0025		
3/27/2019								0.00041
9/10/2019		0.00035 (J)		<0.0025		0.00015 (J)		
9/11/2019								0.00064 (J)
3/31/2020		<0.0025						
4/1/2020				<0.0025		<0.0025		0.00048 (J)
9/15/2020		<0.0025		<0.0025		<0.0025		0.00046 (J)
3/16/2021		<0.0025		<0.0025		<0.0025		0.00057 (J)

Prediction Limit

Constituent: Cadmium Analysis Run 4/28/2021 3:44 PM View: EPD
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-18	GWC-18	GWC-19	GWC-19	GWC-20	GWC-20	GWC-21	GWC-21
12/8/2015	<0.0025		<0.0025					
12/9/2015					<0.0025		<0.0025	
12/14/2015	<0.0025				0.00031 (J)		<0.0025	
12/15/2015			<0.0025					
12/28/2015	<0.0025		<0.0025					
12/29/2015					0.00075 (J)		<0.0025	
1/14/2016	<0.0025		<0.0025		0.00039 (J)		<0.0025	
1/25/2016					0.00078 (J)		<0.0025	
1/26/2016	<0.0025		<0.0025					
4/19/2016	<0.0025		0.00017 (J)					
4/21/2016					0.00052 (J)		<0.0025	
6/16/2016	8.5E-05 (J)		0.00018 (J)		0.00044 (J)		0.00012 (J)	
8/10/2016			<0.0025		<0.0025		<0.0025	
8/11/2016	<0.0025							
9/27/2016					<0.0025		0.00062 (J)	
9/28/2016	<0.0025		<0.0025					
11/15/2016			<0.0025		<0.0025		<0.0025	
11/16/2016	<0.0025							
1/11/2017	<0.0025							
1/12/2017							<0.0025	
1/13/2017					0.00036 (J)			
1/16/2017			<0.0025					
3/1/2017	<0.0025		<0.0025		<0.0025		<0.0025	
4/24/2017							<0.0025	
4/25/2017	<0.0025		<0.0025		<0.0025			
7/25/2017	<0.0025		<0.0025		<0.0025		<0.0025	
1/11/2018							<0.0025	
1/12/2018	<0.0025		<0.0025		<0.0025			
7/11/2018	<0.0025		<0.0025		<0.0025		<0.0025	
1/29/2019				0.0002 (J)		0.00016 (J)		
1/30/2019		<0.0025						0.00014 (J)
3/27/2019		<0.0025		<0.0025		<0.0025		<0.0025
9/11/2019		<0.0025		0.00031 (J)		0.00029 (J)		0.00029 (J)
4/1/2020		<0.0025		<0.0025		<0.0025		<0.0025
9/15/2020		<0.0025				<0.0025		<0.0025
9/16/2020				<0.0025				
3/16/2021				<0.0025		<0.0025		
3/17/2021		<0.0025						<0.0025

Prediction Limit

Constituent: Cadmium, Chromium Analysis Run 4/28/2021 3:44 PM View: EPD

Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-23	GWC-23	GWC-4A[GWB-4A]GWC-4A[GWB-4A]	GWA-13	GWA-13	GWA-14	GWA-14
8/25/2004			<0.0025				
9/11/2004			<0.0025				
9/26/2004			<0.0025				
10/13/2004			<0.0025				
7/11/2005			<0.0025				
12/7/2005			<0.0025				
6/22/2006			<0.0025				
11/28/2006			<0.0025				
7/6/2007			<0.0025				
12/13/2007			<0.0025				
6/20/2008			<0.0025				
12/7/2008			<0.0025				
7/9/2009			<0.0025				
12/30/2009			<0.0025				
6/22/2010			<0.0025				
1/4/2011			<0.0025				
7/10/2011			<0.0025				
1/21/2012			<0.0025				
7/11/2012			<0.0025				
1/20/2013			<0.0025				
7/19/2013			<0.0025				
1/16/2014			<0.0025				
7/10/2014			<0.0025				
1/16/2015			<0.0025				
6/20/2015			<0.0025				
12/7/2015				<0.002		<0.002	
12/15/2015				<0.002		<0.002	
12/29/2015				<0.002		<0.002	
1/14/2016			<0.0025				
1/25/2016				<0.002		<0.002	
4/20/2016			0.000111 (J)			<0.002	
6/14/2016			0.00013 (J)	0.0094 (J)		0.00086 (J)	
6/16/2016	<0.0025						
8/9/2016				<0.002		<0.002	
8/10/2016	<0.0025						
8/11/2016			<0.0025				
9/27/2016			<0.0025	<0.002		<0.002	
9/28/2016	<0.0025						
11/14/2016			<0.0025				
11/15/2016				<0.002		<0.002	
11/16/2016	<0.0025						
1/10/2017			<0.0025				
1/11/2017						<0.002	
1/12/2017				<0.002			
1/17/2017	<0.0025						
2/28/2017			<0.0025	0.0049		0.0047	
3/2/2017	<0.0025						
4/20/2017			<0.0025	0.0011 (J)		<0.002	
4/25/2017	<0.0025						
7/13/2017	<0.0025						
7/18/2017			<0.0025	<0.002			
7/19/2017						<0.002	

Prediction Limit

Constituent: Cadmium, Chromium Analysis Run 4/28/2021 3:44 PM View: EPD
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-23	GWC-23	GWC-4A[*GWB-4A]	GWC-4A[*GWB-4A]	GWA-13	GWA-13	GWA-14	GWA-14
7/25/2017	<0.0025							
1/10/2018			<0.0025		<0.002			
1/11/2018							<0.002	
1/12/2018	<0.0025							
7/11/2018			<0.0025		<0.002		<0.002	
7/12/2018	<0.0025							
1/29/2019				<0.0025		0.0037 (J)		<0.002
1/30/2019		0.00015 (J)						
3/26/2019				<0.0025		0.0014		<0.002
3/27/2019		<0.0025						
9/10/2019				0.00019 (J)		0.0052		0.004
9/11/2019		0.00018 (J)						
3/31/2020				<0.0025		0.0019 (J)		
4/1/2020		<0.0025						<0.002
9/15/2020		<0.0025				<0.002		<0.002
9/16/2020				<0.0025				
3/16/2021						<0.002		<0.002
3/17/2021		<0.0025		<0.0025				

Prediction Limit

Constituent: Chromium Analysis Run 4/28/2021 3:44 PM View: EPD
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWA-16[*GWB-16]	GWA-16[*GWB-16]	GWA-2	GWA-2	GWA-3	GWA-3	GWC-1	GWC-1
4/19/2017			0.0011 (J)		0.0011 (J)			
4/20/2017	0.0013 (J)						<0.002	
7/17/2017			0.0011 (J)					
7/18/2017					<0.002			
7/19/2017	0.0015 (J)						0.0017 (J)	
1/10/2018			0.0014 (J)		0.0012 (J)			
1/11/2018	0.0013 (J)						<0.002	
7/11/2018	0.0012 (J)		0.0011 (J)		0.0011 (J)			
7/12/2018							<0.002	
1/29/2019		<0.0025		<0.0025		<0.002		
1/30/2019								<0.002
3/26/2019		0.0015						
3/27/2019				0.0016		0.0014		<0.002
9/10/2019		0.004						
9/11/2019				0.004		0.0034		0.0035
4/1/2020		0.024		0.0017 (J)		<0.002		<0.002
9/15/2020		0.0015 (J)		0.0015 (J)		<0.002		<0.002
3/16/2021		0.0017 (J)		0.0015 (J)		0.0015 (J)		<0.002

Prediction Limit

Constituent: Chromium Analysis Run 4/28/2021 3:45 PM View: EPD
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-10	GWC-10	GWC-11	GWC-11	GWC-12	GWC-12	GWC-15[*GWB-15]	GWC-15[*GWB-15]
3/1/2017	0.01		0.0088		0.0055			
4/20/2017					0.0016 (J)		0.0012 (J)	
4/24/2017	0.0053		0.0049					
7/19/2017							0.0013 (J)	
7/20/2017					0.0017 (J)			
7/24/2017	0.0055		0.0049					
1/11/2018	0.0055		0.0044		0.0016 (J)		0.0011 (J)	
7/11/2018							<0.002	
7/12/2018	0.0017 (J)		0.0023 (J)		0.0015 (J)			
1/29/2019								<0.002
1/30/2019		0.0071 (J)		0.006 (J)		0.0039 (J)		
3/26/2019								0.0016
3/27/2019		0.0035		0.0031		0.0019		
9/11/2019		0.004		0.0071		0.0036		0.0038
4/1/2020		0.0084				0.0019 (J)		0.0015 (J)
4/2/2020				0.0055				
9/15/2020		0.0018 (J)		0.0028				<0.002
9/16/2020						0.0016 (J)		
3/16/2021		0.0054				0.0019 (J)		
3/17/2021				0.0031				<0.002

Prediction Limit

Constituent: Chromium Analysis Run 4/28/2021 3:45 PM View: EPD
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-17	GWC-17	GWC-18	GWC-18	GWC-19	GWC-19	GWC-20	GWC-20
12/8/2015	<0.01		0.0012 (J)		0.0026			
12/9/2015							<0.002	
12/14/2015	<0.01		0.0018				<0.002	
12/15/2015					0.0017			
12/28/2015	<0.01		0.0017		0.0016			
12/29/2015							<0.002	
1/25/2016							<0.002	
1/26/2016	<0.01		0.0013		0.0016			
4/19/2016			0.00277 (J)		0.002			
4/20/2016	<0.01							
4/21/2016							<0.002	
6/15/2016	0.0018 (J)							
6/16/2016			0.0021 (J)		0.0016 (J)		0.0008 (J)	
8/9/2016	0.002 (J)							
8/10/2016					0.0016 (J)		<0.002	
8/11/2016			0.0023 (J)					
9/27/2016	0.0021 (J)						<0.002	
9/28/2016			0.0022 (J)		<0.0025			
11/15/2016	0.002 (J)				<0.0025		<0.002	
11/16/2016			0.0019 (J)					
1/11/2017	0.0025		0.0025					
1/13/2017							<0.002	
1/16/2017					0.0013 (J)			
3/1/2017	0.0067		0.0065		0.0056		0.005	
4/20/2017	0.0024 (J)							
4/25/2017			0.0026		0.0019 (J)		<0.002	
7/19/2017	0.0025							
7/25/2017			0.0023 (J)		0.0013 (J)		<0.002	
1/11/2018	0.0026							
1/12/2018			0.002 (J)		0.0017 (J)		<0.002	
7/11/2018	0.0025		0.0022 (J)		0.0011 (J)		<0.002	
1/29/2019		0.0041 (J)				<0.0025		<0.002
1/30/2019				0.0049 (J)				
3/27/2019		0.0028		0.0025		0.0014		<0.002
9/11/2019		0.0059		0.0049		0.0043		0.0034
4/1/2020		0.0032		0.0025		0.0018 (J)		<0.002
9/15/2020		0.0027		0.0025				<0.002
9/16/2020						0.0015 (J)		
3/16/2021		0.0031				0.0017 (J)		<0.002
3/17/2021				0.0027				

Prediction Limit

Constituent: Chromium Analysis Run 4/28/2021 3:45 PM View: EPD
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-21	GWC-21	GWC-23	GWC-23	GWC-4A[*GWB-4A]	GWC-4A[*GWB-4A]	GWC-5[*GWB-5]	GWC-5[*GWB-5]
8/25/2004					0.0022			
9/11/2004					<0.002		<0.002	
9/26/2004					<0.002		<0.002	
10/13/2004					<0.002		<0.002	
7/11/2005					<0.002		0.0023	
12/7/2005					<0.002		<0.002	
6/22/2006					<0.002		<0.002	
11/28/2006					<0.002		<0.002	
7/6/2007					<0.002		<0.002	
12/13/2007					<0.002		<0.002	
6/20/2008					<0.002		<0.002	
12/7/2008					<0.002		<0.002	
7/9/2009					<0.002		<0.002	
12/29/2009							0.004	
12/30/2009					0.0078			
6/22/2010					<0.002		<0.002	
1/4/2011					0.0037		0.0027	
7/9/2011							<0.002	
7/10/2011					<0.002			
1/21/2012					<0.002		<0.002	
7/11/2012					0.0096		0.0038	
1/19/2013							0.002	
1/20/2013					0.0052			
7/18/2013							0.0023	
7/19/2013					0.002			
1/15/2014							0.0012 (J)	
1/16/2014					0.0061			
7/10/2014					<0.002		0.0012 (J)	
1/15/2015							<0.002	
1/16/2015					0.002			
6/19/2015							0.0037	
6/20/2015					0.0011 (J)			
12/9/2015	<0.002							
12/14/2015	<0.002							
12/29/2015	<0.002							
1/14/2016					0.0011 (J)		<0.002	
1/25/2016	<0.002							
4/20/2016					<0.002		<0.002	
4/21/2016	<0.002							
6/14/2016					0.0013 (J)		0.0011 (J)	
6/16/2016	0.00031 (J)		0.00023 (J)					
8/9/2016							<0.002	
8/10/2016	<0.002		<0.0025					
8/11/2016					<0.002			
9/27/2016					<0.002		<0.002	
9/28/2016			<0.0025					
11/14/2016					<0.002			
11/15/2016	<0.002						<0.002	
11/16/2016			<0.0025					
1/10/2017					<0.002			
1/11/2017							<0.002	
1/12/2017	<0.002							

Prediction Limit

Constituent: Chromium Analysis Run 4/28/2021 3:45 PM View: EPD
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-21	GWC-21	GWC-23	GWC-23	GWC-4A[*GWB-4A]	GWC-4A[*GWB-4A]	GWC-5[*GWB-5]	GWC-5[*GWB-5]
1/17/2017			<0.0025					
1/19/2017							0.002 (J)	
1/24/2017							<0.002	
2/28/2017					0.0048		0.0054	
3/1/2017	0.0044							
3/2/2017			0.0017 (J)					
4/20/2017					<0.002		0.0013 (J)	
4/24/2017	<0.002							
4/25/2017			<0.0025					
7/13/2017			<0.0025					
7/18/2017					<0.002		<0.002	
7/25/2017	<0.002		<0.0025					
1/10/2018					<0.002		<0.002	
1/11/2018	<0.002							
1/12/2018			<0.0025					
7/11/2018	<0.002				<0.002		<0.002	
7/12/2018			<0.0025					
1/29/2019						<0.002		<0.002
1/30/2019		<0.002		<0.0025				
3/26/2019						<0.002		<0.002
3/27/2019		<0.002		<0.0025				
9/10/2019						0.0031		0.0041
9/11/2019		0.0025		0.004				
3/31/2020						<0.002		<0.002
4/1/2020		<0.002		0.0022				
9/15/2020		<0.002		0.0023				<0.002
9/16/2020						<0.002		
3/17/2021		<0.002		0.0027		<0.002		<0.002

Prediction Limit

Constituent: Chromium, Cobalt Analysis Run 4/28/2021 3:45 PM View: EPD

Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-9	GWC-9	GWA-13	GWA-13	GWA-14	GWA-14	GWA-16[*GWB-16]	GWA-16[*GWB-16]
8/25/2004	<0.002							
9/11/2004	<0.002							
9/26/2004	<0.002							
10/13/2004	<0.002							
7/11/2005	<0.002							
12/7/2005	<0.002							
6/22/2006	<0.002							
11/28/2006	<0.002							
7/6/2007	0.0017							
12/13/2007	0.0021							
6/20/2008	0.0021							
12/7/2008	0.0018							
7/9/2009	0.0024							
12/29/2009	0.0021							
6/22/2010	<0.002							
1/5/2011	0.0034							
7/9/2011	0.0018							
1/21/2012	<0.002							
7/11/2012	0.0038							
7/18/2013	0.0029							
1/15/2014	<0.002							
7/10/2014	<0.002							
1/16/2015	<0.002							
6/20/2015	<0.002							
12/7/2015			0.0012 (J)		0.001 (J)		0.0012 (J)	
12/14/2015							0.001 (J)	
12/15/2015			0.00099 (J)		0.00078 (J)			
12/28/2015							0.0012 (J)	
12/29/2015			0.0012 (J)		0.00094 (J)			
1/13/2016			0.0012 (J)		0.001 (J)		0.001 (J)	
1/14/2016	<0.002							
1/25/2016			0.00095 (J)		0.00085 (J)		0.00089 (J)	
4/19/2016	<0.002							
4/20/2016			<0.0025		<0.0025		<0.0025	
6/14/2016			0.00072 (J)		0.00048 (J)			
6/15/2016	0.00021						0.00063 (J)	
8/9/2016			0.00041 (J)		0.00045 (J)		0.00055 (J)	
8/10/2016	<0.002							
9/27/2016	<0.002		0.00058 (J)		0.00046 (J)		0.00059 (J)	
11/15/2016	<0.002		0.00048 (J)		<0.0025		0.0005 (J)	
1/11/2017					<0.0025		0.00044 (J)	
1/12/2017			0.0014 (J)					
1/13/2017	0.0012 (J)							
2/28/2017			0.00075 (J)		0.00051 (J)			
3/1/2017	0.0043						0.00066 (J)	
4/20/2017			0.0005 (J)		<0.0025		0.00045 (J)	
4/24/2017	<0.002							
7/18/2017			0.00051 (J)					
7/19/2017					<0.0025		0.00047 (J)	
7/24/2017	<0.002							
1/10/2018			0.00049 (J)					
1/11/2018					<0.0025		0.00043 (J)	

Prediction Limit

Constituent: Chromium, Cobalt Analysis Run 4/28/2021 3:45 PM View: EPD
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-9	GWC-9	GWA-13	GWA-13	GWA-14	GWA-14	GWA-16[*GWB-16]	GWA-16[*GWB-16]
1/12/2018	<0.002							
7/11/2018			<0.0025		<0.0025		0.00043 (J)	
7/12/2018	<0.002							
1/29/2019				0.00043 (J)		0.00029 (J)		0.00044 (J)
1/30/2019		<0.002						
3/26/2019				<0.0025		<0.0025		<0.0025
3/27/2019		<0.002						
9/10/2019				0.00064		0.00042 (J)		0.0005
9/11/2019		0.0025						
3/31/2020				0.00034 (J)				
4/1/2020		<0.002				0.00033 (J)		0.00036 (J)
9/15/2020				<0.0025		<0.0025		<0.0025
9/16/2020		<0.002						
3/16/2021				0.0005 (J)		0.00035 (J)		0.00047 (J)
3/17/2021		<0.002						

Prediction Limit

Constituent: Cobalt Analysis Run 4/28/2021 3:45 PM View: EPD
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWA-2	GWA-2	GWA-3	GWA-3	GWC-1	GWC-1	GWC-10	GWC-10
8/25/2004	<0.01		<0.0025		<0.0025		<0.0025	
9/11/2004	<0.01		<0.0025		<0.0025		<0.0025	
9/26/2004	<0.01		<0.0025		<0.0025		<0.0025	
10/13/2004	<0.01		<0.0025				<0.0025	
7/11/2005	<0.01		<0.0025		<0.0025		<0.0025	
12/7/2005	<0.01		<0.0025		<0.0025		<0.0025	
6/22/2006	<0.01		<0.0025		<0.0025		<0.0025	
11/28/2006	<0.01		<0.0025		<0.0025		<0.0025	
7/6/2007	<0.01		<0.0025		<0.0025		<0.0025	
12/13/2007	<0.01		<0.0025		<0.0025		<0.0025	
6/20/2008	<0.01		<0.0025		<0.0025		<0.0025	
12/7/2008	<0.01		<0.0025		<0.0025		<0.0025	
7/9/2009	<0.01		<0.0025		<0.0025			
7/10/2009							<0.0025	
12/28/2009	<0.01		<0.0025		<0.0025			
12/29/2009							<0.0025	
6/22/2010	<0.01		<0.0025		<0.0025		<0.0025	
1/4/2011	<0.01				<0.0025		<0.0025	
7/9/2011	<0.01		<0.0025		<0.0025			
7/10/2011							<0.0025	
1/20/2012			<0.0025					
1/21/2012	<0.01				<0.0025		<0.0025	
7/11/2012	0.0017		<0.0025		0.0013		<0.0025	
1/19/2013			<0.0025					
1/20/2013	<0.01				0.0013		<0.0025	
7/18/2013			<0.0025					
7/19/2013	<0.01				0.0015		<0.0025	
1/15/2014	0.0011 (J)		<0.0025		0.0017			
1/16/2014							<0.0025	
7/10/2014							<0.0025	
7/11/2014	0.0012 (J)		<0.0025		0.0018			
1/15/2015			<0.0025					
1/16/2015	0.00083 (J)				0.0019		<0.0025	
6/19/2015			<0.0025					
6/20/2015	0.0013				0.002		0.0006 (J)	
1/16/2016	0.0012 (J)		<0.0025		0.0015		<0.0025	
4/19/2016	<0.01		<0.0025					
4/20/2016					<0.0025			
4/21/2016							<0.0025	
6/14/2016	0.001 (J)		0.00044 (J)					
6/15/2016					0.0015 (J)			
6/16/2016							1E-05 (J)	
8/9/2016	0.0012 (J)		0.00042 (J)					
8/10/2016					0.0016 (J)		<0.0025	
9/26/2016	0.0012 (J)							
9/27/2016			0.00042 (J)		0.0016 (J)		<0.0025	
11/14/2016			<0.0025					
11/15/2016	0.0013 (J)				0.0015 (J)		<0.0025	
1/10/2017	0.0011 (J)		<0.0025					
1/12/2017					0.0016 (J)		<0.0025	
1/23/2017					<0.0025			
2/28/2017	0.0014 (J)		0.00048 (J)					

Prediction Limit

Constituent: Cobalt Analysis Run 4/28/2021 3:45 PM View: EPD
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWA-2	GWA-2	GWA-3	GWA-3	GWC-1	GWC-1	GWC-10	GWC-10
3/1/2017					0.0021 (J)		<0.0025	
4/19/2017	0.0012 (J)		<0.0025					
4/20/2017					0.0018 (J)			
4/24/2017							<0.0025	
7/17/2017	0.0013 (J)							
7/18/2017			<0.0025					
7/19/2017					0.0015 (J)			
7/24/2017							<0.0025	
1/10/2018	0.0013 (J)		<0.0025					
1/11/2018					0.0019 (J)		<0.0025	
7/11/2018	0.0013 (J)		<0.0025					
7/12/2018					0.0018 (J)		<0.0025	
1/29/2019		0.001 (J)		0.00035 (J)				
1/30/2019						<0.0025		<0.0025
3/27/2019		0.0011		<0.0025		0.0017		<0.0025
9/11/2019		0.0015		0.00039 (J)		0.002		0.0001 (J)
4/1/2020		0.0013 (J)		0.00024 (J)		0.0016 (J)		<0.0025
9/15/2020		0.00099 (J)		<0.0025		0.0014 (J)		<0.0025
3/16/2021		0.0013 (J)		0.00033 (J)		0.0017 (J)		<0.0025

Prediction Limit

Constituent: Cobalt Analysis Run 4/28/2021 3:45 PM View: EPD
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-11	GWC-11	GWC-12	GWC-12	GWC-15[*GWB-15]	GWC-15[*GWB-15]	GWC-17	GWC-17
8/25/2004	<0.0025		<0.0025					
9/11/2004	<0.0025		<0.0025					
9/26/2004	<0.0025		<0.0025					
10/13/2004	<0.0025		<0.0025					
7/11/2005	<0.0025		<0.0025					
12/7/2005	<0.0025		<0.0025					
6/22/2006	<0.0025		<0.0025					
11/28/2006	<0.0025		<0.0025					
7/6/2007	<0.0025		<0.0025					
12/13/2007	<0.0025		<0.0025					
6/20/2008	<0.0025		<0.0025					
12/7/2008	<0.0025		<0.0025					
7/10/2009	<0.0025		<0.0025					
12/28/2009			<0.0025					
12/29/2009	0.0071							
6/22/2010	<0.0025		<0.0025					
1/4/2011			<0.0025					
1/5/2011	<0.0025							
7/9/2011	0.0037		0.0039					
1/20/2012			<0.0025					
1/21/2012	0.0062							
7/11/2012	0.007		0.012					
1/19/2013	<0.0025		<0.0025					
7/18/2013			<0.0025					
7/19/2013	<0.0025							
1/15/2014	0.0028		0.005					
7/11/2014	<0.0025		0.00079 (J)					
1/15/2015			0.00069 (J)					
1/16/2015	0.0048							
6/19/2015			0.0007 (J)					
6/20/2015	<0.0025							
12/7/2015					0.0011 (J)			
12/8/2015							0.0018	
12/14/2015							0.0016	
12/15/2015					0.0011 (J)			
12/28/2015					0.0016		0.0015	
1/13/2016					0.0016		0.0013	
1/14/2016	<0.0025							
1/16/2016			0.00061 (J)					
1/25/2016					0.0014			
1/26/2016							0.0012 (J)	
4/20/2016	<0.0025		<0.0025				<0.0025	
4/21/2016					<0.0025			
6/15/2016	0.00011 (J)		0.00051 (J)		0.00047 (J)		0.00073 (J)	
8/9/2016					<0.0025		0.00069 (J)	
8/10/2016	<0.0025		0.00052 (J)					
9/27/2016	<0.0025		0.00077 (J)		0.00045 (J)		0.00081 (J)	
11/15/2016	<0.0025		0.00055 (J)		0.00048 (J)		0.00071 (J)	
1/11/2017					0.00046 (J)		0.00062 (J)	
1/12/2017	<0.0025		0.0005 (J)					
2/28/2017					0.00061 (J)			
3/1/2017	<0.0025		0.00079 (J)				0.00081 (J)	

Prediction Limit

Constituent: Cobalt Analysis Run 4/28/2021 3:45 PM View: EPD
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-11	GWC-11	GWC-12	GWC-12	GWC-15[*GWB-15]	GWC-15[*GWB-15]	GWC-17	GWC-17
4/20/2017			0.00056 (J)		0.00042 (J)		0.00053 (J)	
4/24/2017	<0.0025							
7/19/2017					0.00041 (J)		0.00051 (J)	
7/20/2017			0.00051 (J)					
7/24/2017	<0.0025							
1/11/2018	<0.0025		0.0006 (J)		0.00044 (J)		0.00046 (J)	
7/11/2018					0.0004 (J)		<0.0025	
7/12/2018	<0.0025		0.00056 (J)					
1/29/2019						0.00037 (J)		0.00038 (J)
1/30/2019		<0.0025		<0.0025				
3/26/2019						<0.0025		
3/27/2019		<0.0025		0.00051				<0.0025
9/11/2019		<0.0025		0.00067		0.00044 (J)		0.00034 (J)
4/1/2020				0.00051 (J)		0.00036 (J)		0.00023 (J)
4/2/2020		<0.0025						
9/15/2020		<0.0025				<0.0025		<0.0025
9/16/2020				0.00023 (J)				
3/16/2021				0.00058 (J)				0.00027 (J)
3/17/2021		0.00016 (J)				0.0004 (J)		

Prediction Limit

Constituent: Cobalt Analysis Run 4/28/2021 3:45 PM View: EPD
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-18	GWC-18	GWC-19	GWC-19	GWC-20	GWC-20	GWC-21	GWC-21
12/8/2015	<0.0025		0.00084 (J)					
12/9/2015					0.0055		0.0013	
12/14/2015	<0.0025				0.0073		0.0014	
12/15/2015			0.00063 (J)					
12/28/2015	<0.0025		0.00071 (J)					
12/29/2015					0.0076		0.0018	
1/14/2016	<0.0025		<0.0025		0.0056		0.0018	
1/25/2016					0.0061		0.0019	
1/26/2016	<0.0025		<0.0025					
4/19/2016	<0.0025		<0.0025					
4/21/2016					0.00468 (J)		<0.0025	
6/16/2016	0.00017 (J)		6.7E-05 (J)		0.0032 (J)		0.0021 (J)	
8/10/2016			<0.0025		0.0025		0.0015 (J)	
8/11/2016	<0.0025							
9/27/2016					0.0023 (J)			
9/28/2016	<0.0025		<0.0025					
11/15/2016			<0.0025		0.0019 (J)		0.0017 (J)	
11/16/2016	<0.0025							
1/11/2017	<0.0025							
1/12/2017							0.0014 (J)	
1/13/2017					0.0017 (J)			
1/16/2017			<0.0025					
3/1/2017	<0.0025		<0.0025		0.0021 (J)		0.0019 (J)	
4/24/2017							0.0015 (J)	
4/25/2017	<0.0025		<0.0025		0.0016 (J)			
7/25/2017	<0.0025		<0.0025		0.0016 (J)		0.0014 (J)	
1/11/2018							0.0013 (J)	
1/12/2018	<0.0025		<0.0025		0.0014 (J)			
7/11/2018	<0.0025		<0.0025		0.0013 (J)		0.0012 (J)	
1/29/2019				<0.0025		0.00084 (J)		
1/30/2019		<0.0025						<0.0025
3/27/2019		<0.0025		<0.0025		0.0012		0.001
9/11/2019		8.2E-05 (J)		9.9E-05 (J)		0.0014		0.0012
4/1/2020		<0.0025		<0.0025		0.00094 (J)		0.00088 (J)
9/15/2020		<0.0025				0.00097 (J)		0.00088 (J)
9/16/2020				<0.0025				
3/16/2021				<0.0025		0.0009 (J)		
3/17/2021		<0.0025						0.00092 (J)

Prediction Limit

Constituent: Cobalt Analysis Run 4/28/2021 3:45 PM View: EPD
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-23	GWC-23	GWC-4A[*GWB-4A]	GWC-4A[*GWB-4A]	GWC-5[*GWB-5]	GWC-5[*GWB-5]	GWC-9	GWC-9
8/25/2004			<0.0025		<0.01		<0.0025	
9/11/2004			<0.0025		<0.01		<0.0025	
9/26/2004			<0.0025		<0.01		<0.0025	
10/13/2004			<0.0025		<0.01		<0.0025	
7/11/2005			<0.0025		<0.01		<0.0025	
12/7/2005			<0.0025		<0.01		<0.0025	
6/22/2006			<0.0025		<0.01		<0.0025	
11/28/2006			<0.0025		<0.01		<0.0025	
7/6/2007			<0.0025		<0.01		<0.0025	
12/13/2007			<0.0025		<0.01		<0.0025	
6/20/2008			<0.0025		<0.01		<0.0025	
12/7/2008			<0.0025		<0.01		<0.0025	
7/9/2009			<0.0025		<0.01		<0.0025	
12/29/2009					0.011		<0.0025	
12/30/2009			0.013					
6/22/2010			<0.0025		<0.01		<0.0025	
1/4/2011			<0.0025		<0.01			
1/5/2011							<0.0025	
7/9/2011					<0.01		<0.0025	
7/10/2011			<0.0025					
1/21/2012			0.0061		<0.01		<0.0025	
7/11/2012			0.01		0.0072		0.0013	
1/19/2013					<0.01		0.0055	
1/20/2013			0.0033					
7/18/2013					<0.01		<0.0025	
7/19/2013			<0.0025					
1/15/2014					0.00075 (J)		0.00052 (J)	
1/16/2014			0.0027					
7/10/2014			<0.0025		0.0007 (J)		0.00055 (J)	
1/15/2015					0.0007 (J)			
1/16/2015			0.0077				<0.0025	
6/19/2015					0.0011 (J)			
6/20/2015			<0.0025				0.00052 (J)	
1/14/2016			<0.0025		0.00064 (J)		0.00051 (J)	
4/19/2016							<0.0025	
4/20/2016			<0.0025		<0.01			
6/14/2016			0.0004 (J)		0.0006 (J)			
6/15/2016							0.00052 (J)	
6/16/2016	0.0019 (J)							
8/9/2016					0.00062 (J)			
8/10/2016	0.0051						0.0006 (J)	
8/11/2016			0.0046					
9/27/2016			0.001 (J)		0.00059 (J)		0.00063 (J)	
9/28/2016	0.0058							
11/14/2016			<0.0025					
11/15/2016					0.00064 (J)		0.00053 (J)	
11/16/2016	0.0063							
1/10/2017			0.00044 (J)					
1/11/2017					0.00064 (J)			
1/13/2017							0.00052 (J)	
1/17/2017	0.0057							
1/19/2017					0.00046 (J)			

Prediction Limit

Constituent: Cobalt Analysis Run 4/28/2021 3:45 PM View: EPD
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-23	GWC-23	GWC-4A[*GWB-4A]	GWC-4A[*GWB-4A]	GWC-5[*GWB-5]	GWC-5[*GWB-5]	GWC-9	GWC-9
1/24/2017					0.009			
2/28/2017			0.001 (J)		0.00078 (J)			
3/1/2017							0.00084 (J)	
3/2/2017	0.0095							
4/20/2017			0.00059 (J)		0.00065 (J)			
4/24/2017							0.00055 (J)	
4/25/2017	0.0078							
7/13/2017	0.0061							
7/18/2017			0.00079 (J)		0.00069 (J)			
7/24/2017							0.00058 (J)	
7/25/2017	0.0074							
1/10/2018			0.0018 (J)		0.00068 (J)			
1/12/2018	0.0072						0.00054 (J)	
7/11/2018			0.0044		0.00071 (J)			
7/12/2018	0.0077						0.00072 (J)	
1/29/2019			0.0033			0.00064 (J)		
1/30/2019		0.0061						<0.0025
3/26/2019			0.0037			0.00064		
3/27/2019		0.006						0.00051
9/10/2019			0.0031			0.00074		
9/11/2019		0.0059						0.00083
3/31/2020			0.0038			0.00067 (J)		
4/1/2020		0.0037						0.00042 (J)
9/15/2020		0.0032				0.0005 (J)		
9/16/2020			0.0014 (J)					0.00037 (J)
3/17/2021		0.0035	0.0014 (J)			0.00083 (J)		0.00092 (J)

Prediction Limit

Constituent: Copper Analysis Run 4/28/2021 3:45 PM View: EPD
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWA-13	GWA-13	GWA-14	GWA-14	GWA-16[*GWB-16]	GWA-16[*GWB-16]	GWA-2	GWA-2
8/25/2004							<0.002	
9/11/2004							0.003	
9/26/2004							<0.002	
10/13/2004							<0.002	
7/11/2005							<0.002	
12/7/2005							<0.002	
6/22/2006							<0.002	
11/28/2006							<0.002	
7/6/2007							<0.002	
12/13/2007							<0.002	
6/20/2008							<0.002	
12/7/2008							<0.002	
7/9/2009							<0.002	
12/28/2009							<0.002	
6/22/2010							<0.002	
1/4/2011							<0.002	
7/9/2011							<0.002	
1/21/2012							<0.002	
7/11/2012							<0.002	
1/20/2013							<0.002	
7/19/2013							<0.002	
1/15/2014							<0.002	
7/11/2014							<0.002	
1/16/2015							<0.002	
6/20/2015							<0.002	
12/7/2015	<0.002		<0.002		0.001 (J)			
12/14/2015					<0.002			
12/15/2015	<0.002		<0.002					
12/28/2015					<0.002			
12/29/2015	<0.002		<0.002					
1/13/2016	<0.002		<0.002		<0.002			
1/16/2016							<0.002	
1/25/2016	<0.002		0.0014 (J)		0.00081 (J)			
6/14/2016	<0.002		<0.002				<0.002	
6/15/2016					<0.002			
1/10/2017							<0.002	
1/11/2017			<0.002		<0.002			
1/12/2017	<0.002							
7/17/2017							<0.002	
7/18/2017	<0.002							
7/19/2017			<0.002		<0.002			
1/10/2018	<0.002						<0.002	
1/11/2018			<0.002		<0.002			
7/11/2018	<0.002		<0.002		<0.002		<0.002	
1/29/2019		<0.002		<0.002		<0.002		<0.002
3/26/2019		<0.002		<0.002		<0.002		
3/27/2019								<0.002
9/10/2019		0.00066 (J)		0.00076 (J)		<0.002		
9/11/2019								<0.002
3/31/2020		<0.002						
4/1/2020				<0.002		<0.002		<0.002
9/15/2020		<0.002		<0.002		<0.002		<0.002

Prediction Limit

Constituent: Copper Analysis Run 4/28/2021 3:45 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWA-13	GWA-13	GWA-14	GWA-14	GWA-16[*GWB-16]	GWA-16[*GWB-16]	GWA-2	GWA-2
3/16/2021		<0.002		<0.002		<0.002		<0.002

Prediction Limit

Constituent: Copper Analysis Run 4/28/2021 3:45 PM View: EPD
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWA-3	GWA-3	GWC-1	GWC-1	GWC-11	GWC-11	GWC-12	GWC-12
8/25/2004	<0.002		<0.002		<0.002		<0.002	
9/11/2004	<0.002		<0.002		<0.002		<0.002	
9/26/2004	0.0029		<0.002		<0.002		<0.002	
10/13/2004	<0.002				<0.002		<0.002	
7/11/2005	<0.002		<0.002		<0.002		<0.002	
12/7/2005	<0.002		<0.002		<0.002		<0.002	
6/22/2006	0.0026		<0.002		<0.002		<0.002	
11/28/2006	<0.002		<0.002		0.0027		<0.002	
7/6/2007	0.0034		<0.002		<0.002		<0.002	
12/13/2007	<0.002		<0.002		<0.002		<0.002	
6/20/2008	<0.002		<0.002		<0.002		<0.002	
12/7/2008	<0.002		<0.002		<0.002		<0.002	
7/9/2009	<0.002		<0.002					
7/10/2009					<0.002		<0.002	
12/28/2009	<0.002		<0.002				<0.002	
12/29/2009					<0.002			
6/22/2010	<0.002		<0.002		<0.002		<0.002	
1/4/2011			<0.002				<0.002	
1/5/2011					<0.002			
7/9/2011	<0.002		<0.002		<0.002		<0.002	
1/20/2012	<0.002						<0.002	
1/21/2012			<0.002		<0.002			
7/11/2012	<0.002		<0.002		<0.002		<0.002	
1/19/2013	<0.002				<0.002		<0.002	
1/20/2013			<0.002					
7/18/2013	<0.002						<0.002	
7/19/2013			<0.002		<0.002			
1/15/2014	<0.002		<0.002		<0.002		<0.002	
7/11/2014	<0.002		<0.002		0.0014 (J)		<0.002	
1/15/2015	<0.002						<0.002	
1/16/2015			<0.002		<0.002			
6/19/2015	<0.002						<0.002	
6/20/2015			<0.002		<0.002			
1/14/2016					<0.002			
1/16/2016	<0.002		<0.002				<0.002	
6/14/2016	<0.002							
6/15/2016			<0.002		<0.002		<0.002	
1/10/2017	<0.002							
1/12/2017			<0.002		<0.002		<0.002	
7/18/2017	<0.002							
7/19/2017			<0.002					
7/20/2017							<0.002	
7/24/2017					<0.002			
1/10/2018	<0.002							
1/11/2018			<0.002		<0.002		<0.002	
7/11/2018	<0.002							
7/12/2018			<0.002		<0.002		<0.002	
1/29/2019		<0.002						
1/30/2019				<0.002		<0.002		<0.002
3/27/2019		<0.002		<0.002		<0.002		<0.002
9/11/2019		0.00092 (J)		0.001 (J)		<0.002		0.00069 (J)
4/1/2020		<0.002		<0.002				<0.002

Prediction Limit

Constituent: Copper Analysis Run 4/28/2021 3:45 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWA-3	GWA-3	GWC-1	GWC-1	GWC-11	GWC-11	GWC-12	GWC-12
4/2/2020						0.0013 (J)		
9/15/2020		0.00095 (J)		<0.002		<0.002		
9/16/2020								<0.002
3/16/2021		<0.002		<0.002				<0.002
3/17/2021						0.0019 (J)		

Prediction Limit

Constituent: Copper Analysis Run 4/28/2021 3:45 PM View: EPD
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-15[*GWB-15]	GWC-15[*GWB-15]	GWC-17	GWC-17	GWC-18	GWC-18	GWC-19	GWC-19
12/7/2015	0.00084 (J)							
12/8/2015			0.0021 (J)		<0.002		<0.002	
12/14/2015			0.0018 (J)		0.00096 (J)			
12/15/2015	<0.002						<0.002	
12/28/2015	<0.002		<0.002		<0.002		<0.002	
1/13/2016	<0.002		<0.002					
1/14/2016					<0.002		<0.002	
1/25/2016	<0.002							
1/26/2016			<0.002		<0.002		<0.002	
6/15/2016	<0.002		<0.002					
6/16/2016					0.00068 (J)		0.00024 (J)	
1/11/2017	<0.002		<0.002		<0.002			
1/16/2017							<0.002	
7/19/2017	<0.002		<0.002					
7/25/2017					<0.002		<0.002	
1/11/2018	<0.002		<0.002					
1/12/2018					<0.002		<0.002	
7/11/2018	<0.002		<0.002		<0.002		<0.002	
1/29/2019		<0.002		<0.002				<0.002
1/30/2019						0.0021 (J)		
3/26/2019		<0.002						
3/27/2019				<0.002		<0.002		<0.002
9/11/2019		<0.002		0.0012 (J)		0.0011 (J)		0.00085 (J)
4/1/2020		<0.002		<0.002		<0.002		<0.002
9/15/2020		<0.002		<0.002		<0.002		
9/16/2020								<0.002
3/16/2021				<0.002				<0.002
3/17/2021		<0.002				0.001 (J)		

Prediction Limit

Constituent: Copper Analysis Run 4/28/2021 3:45 PM View: EPD
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-20	GWC-20	GWC-21	GWC-21	GWC-23	GWC-23	GWC-4A[*GWB-4A]GWC-4A[*GWB-4A]
8/25/2004							0.0023
9/11/2004							<0.0025
9/26/2004							<0.0025
10/13/2004							<0.0025
7/11/2005							<0.0025
12/7/2005							<0.0025
6/22/2006							<0.0025
11/28/2006							<0.0025
7/6/2007							<0.0025
12/13/2007							<0.0025
6/20/2008							<0.0025
12/7/2008							<0.0025
7/9/2009							<0.0025
12/30/2009							<0.0025
6/22/2010							<0.0025
1/4/2011							<0.0025
7/10/2011							<0.0025
1/21/2012							<0.0025
7/11/2012							<0.0025
1/20/2013							<0.0025
7/19/2013							<0.0025
1/16/2014							<0.0025
7/10/2014							<0.0025
1/16/2015							<0.0025
6/20/2015							<0.0025
12/9/2015	<0.002		<0.002				
12/14/2015	<0.002		<0.002				
12/29/2015	<0.002		0.00082 (J)				
1/14/2016	<0.002						<0.0025
1/25/2016	<0.002		<0.002				
6/14/2016							<0.0025
6/16/2016	0.00032 (J)		0.00042 (J)		0.0011 (J)		
1/10/2017							<0.0025
1/12/2017			<0.002				
1/13/2017	<0.002						
1/17/2017					<0.002		
7/18/2017							<0.0025
7/25/2017	<0.002		<0.002		<0.002		
1/10/2018							<0.0025
1/11/2018			<0.002				
1/12/2018	<0.002				<0.002		
7/11/2018	<0.002		<0.002				<0.0025
7/12/2018					<0.002		
1/29/2019		<0.002					<0.0025
1/30/2019				<0.002		<0.002	
3/26/2019							0.0021
3/27/2019		<0.002		<0.002		<0.002	
9/10/2019							0.0016 (J)
9/11/2019		0.0012 (J)		0.00066 (J)		0.00092 (J)	
3/31/2020							0.0051
4/1/2020		<0.002		<0.002		<0.002	
9/15/2020		<0.002		<0.002		<0.002	

Prediction Limit

Constituent: Copper Analysis Run 4/28/2021 3:45 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-20	GWC-20	GWC-21	GWC-21	GWC-23	GWC-23	GWC-4A[*GWB-4A]GWC-4A[*GWB-4A]
9/16/2020							0.00079 (J)
3/16/2021		<0.002					
3/17/2021				<0.002		<0.002	0.0012 (J)

Prediction Limit

Constituent: Copper, Lead Analysis Run 4/28/2021 3:45 PM View: EPD

Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-5[*GWB-5]	GWC-5[*GWB-5]	GWC-9	GWC-9	GWA-13	GWA-13	GWA-14	GWA-14
8/25/2004	<0.002		<0.002					
9/11/2004	<0.002		<0.002					
9/26/2004	<0.002		0.0021					
10/13/2004	<0.002		<0.002					
7/11/2005	<0.002		<0.002					
12/7/2005	<0.002		<0.002					
6/22/2006	<0.002		<0.002					
11/28/2006	<0.002		<0.002					
7/6/2007	<0.002		<0.002					
12/13/2007	<0.002		<0.002					
6/20/2008	<0.002		<0.002					
12/7/2008	<0.002		<0.002					
7/9/2009	<0.002		<0.002					
12/29/2009	<0.002		<0.002					
6/22/2010	<0.002		<0.002					
1/4/2011	<0.002							
1/5/2011			<0.002					
7/9/2011	<0.002		<0.002					
1/21/2012	<0.002		<0.002					
7/11/2012	<0.002		<0.002					
1/19/2013	<0.002		<0.002					
7/18/2013	<0.002		<0.002					
1/15/2014	<0.002		<0.002					
7/10/2014	<0.002		<0.002					
1/15/2015	<0.002							
1/16/2015			<0.002					
6/19/2015	<0.002							
6/20/2015			<0.002					
12/7/2015					<0.001		<0.001	
12/15/2015					<0.001		<0.001	
12/29/2015					<0.001		<0.001	
1/13/2016					<0.001		<0.001	
1/14/2016	0.00084 (J)		<0.002					
1/25/2016					<0.001		<0.001	
4/20/2016					<0.001		<0.001	
6/14/2016	0.0021 (J)				<0.001		<0.001	
6/15/2016			<0.002					
8/9/2016					<0.001		<0.001	
9/27/2016					<0.001		<0.001	
11/15/2016					<0.001		<0.001	
1/11/2017	<0.002						<0.001	
1/12/2017					<0.001			
1/13/2017			<0.002					
2/28/2017					<0.001		<0.001	
4/20/2017					<0.001		<0.001	
7/18/2017	<0.002				<0.001			
7/19/2017							<0.001	
7/24/2017			<0.002					
1/10/2018	<0.002				<0.001			
1/11/2018							<0.001	
1/12/2018			<0.002					
7/11/2018	<0.002				<0.001		<0.001	

Prediction Limit

Constituent: Copper, Lead Analysis Run 4/28/2021 3:45 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-5[*GWB-5]	GWC-5[*GWB-5]	GWC-9	GWC-9	GWA-13	GWA-13	GWA-14	GWA-14
7/12/2018			<0.002					
1/29/2019		<0.002				<0.001		<0.001
1/30/2019				0.002 (J)				
3/26/2019		<0.002				<0.001		<0.001
3/27/2019				<0.002				
9/10/2019		<0.002				0.00058 (J)		0.00013 (J)
9/11/2019				0.00092 (J)				
3/31/2020		<0.002				<0.001		
4/1/2020				<0.002				<0.001
9/15/2020		<0.002				<0.001		<0.001
9/16/2020				<0.002				
3/16/2021						<0.001		<0.001
3/17/2021		<0.002		<0.002				

Prediction Limit

Constituent: Lead Analysis Run 4/28/2021 3:45 PM View: EPD
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWA-16[*GWB-16]	GWA-16[*GWB-16]	GWC-11	GWC-11	GWC-18	GWC-18	GWC-20	GWC-20
8/25/2004			<0.001					
9/11/2004			<0.001					
9/26/2004			<0.001					
10/13/2004			<0.001					
7/11/2005			<0.001					
12/7/2005			<0.001					
6/22/2006			<0.001					
11/28/2006			<0.001					
7/6/2007			<0.001					
12/13/2007			<0.001					
6/20/2008			<0.001					
12/7/2008			<0.001					
7/10/2009			<0.001					
12/29/2009			<0.001					
6/22/2010			<0.001					
1/5/2011			<0.001					
7/9/2011			<0.001					
1/21/2012			<0.001					
7/11/2012			<0.001					
1/19/2013			<0.001					
7/19/2013			<0.001					
1/15/2014			<0.001					
7/11/2014			<0.001					
1/16/2015			<0.001					
6/20/2015			<0.001					
12/7/2015	<0.001							
12/8/2015					<0.001			
12/9/2015							<0.001	
12/14/2015	<0.001				<0.001		<0.001	
12/28/2015	<0.001				<0.001			
12/29/2015							<0.001	
1/13/2016	<0.001							
1/14/2016			<0.001		<0.001		<0.001	
1/25/2016	<0.001						<0.001	
1/26/2016					<0.001			
4/19/2016					<0.001			
4/20/2016	<0.001		<0.001					
4/21/2016							<0.001	
6/15/2016	<0.001		0.0002 (J)					
6/16/2016					0.00015 (J)		<0.001	
8/9/2016	<0.001							
8/10/2016			<0.001				<0.001	
8/11/2016					<0.001			
9/27/2016	<0.001		<0.001				<0.001	
9/28/2016					<0.001			
11/15/2016	<0.001		<0.001				<0.001	
11/16/2016					<0.001			
1/11/2017	<0.001				<0.001			
1/12/2017			<0.001					
1/13/2017							<0.001	
3/1/2017	<0.001		<0.001		<0.001		<0.001	
4/20/2017	<0.001							

Prediction Limit

Constituent: Lead Analysis Run 4/28/2021 3:45 PM View: EPD
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWA-16[*GWB-16]	GWA-16[*GWB-16]	GWC-11	GWC-11	GWC-18	GWC-18	GWC-20	GWC-20
4/24/2017			0.00037 (J)					
4/25/2017					<0.001		<0.001	
7/19/2017	<0.001							
7/24/2017			<0.001					
7/25/2017					<0.001		<0.001	
1/11/2018	<0.001		<0.001					
1/12/2018					<0.001		<0.001	
7/11/2018	<0.001				<0.001		<0.001	
7/12/2018			<0.001					
1/29/2019		<0.001						<0.001
1/30/2019				<0.001		0.00067 (J)		
3/26/2019		<0.001						
3/27/2019				<0.001		<0.001		<0.001
9/10/2019		0.00013 (J)						
9/11/2019				<0.001		0.00017 (J)		0.00024 (J)
4/1/2020		<0.001				<0.001		<0.001
4/2/2020				0.00025 (J)				
9/15/2020		0.00024 (J)		<0.001		<0.001		<0.001
3/16/2021		<0.001						<0.001
3/17/2021				0.00031 (J)		0.00015 (J)		

Prediction Limit

Constituent: Lead Analysis Run 4/28/2021 3:45 PM View: EPD
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-21	GWC-21	GWC-23	GWC-23	GWC-4A[*GWB-4A]	GWC-4A[*GWB-4A]	GWC-5[*GWB-5]	GWC-5[*GWB-5]
8/25/2004					<0.001		<0.001	
9/11/2004					<0.001		<0.001	
9/26/2004					<0.001		<0.001	
10/13/2004					<0.001		<0.001	
7/11/2005					<0.001		<0.001	
12/7/2005					<0.001		<0.001	
6/22/2006					<0.001		<0.001	
11/28/2006					<0.001		<0.001	
7/6/2007					<0.001		<0.001	
12/13/2007					<0.001		<0.001	
6/20/2008					<0.001		<0.001	
12/7/2008					<0.001		<0.001	
7/9/2009					<0.001		<0.001	
12/29/2009							<0.001	
12/30/2009					<0.001			
6/22/2010					<0.001		<0.001	
1/4/2011					<0.001		<0.001	
7/9/2011							<0.001	
7/10/2011					<0.001			
1/21/2012					<0.001		<0.001	
7/11/2012					<0.001		<0.001	
1/19/2013							<0.001	
1/20/2013					<0.001			
7/18/2013							<0.001	
7/19/2013					<0.001			
1/15/2014							<0.001	
1/16/2014					<0.001			
7/10/2014					<0.001		<0.001	
1/15/2015							<0.001	
1/16/2015					<0.001			
6/19/2015							<0.001	
6/20/2015					<0.001			
12/9/2015	<0.001							
12/14/2015	<0.001							
12/29/2015	<0.001							
1/14/2016	<0.001				<0.001		<0.001	
1/25/2016	<0.001							
4/20/2016					<0.001		<0.001	
4/21/2016	<0.001							
6/14/2016					<0.001		0.00019 (J)	
6/16/2016	<0.001		<0.001					
8/9/2016							<0.001	
8/10/2016	<0.001		<0.001					
8/11/2016					<0.001			
9/27/2016	0.00079 (J)				<0.001		<0.001	
9/28/2016			<0.001					
11/14/2016					<0.001			
11/15/2016	<0.001						<0.001	
11/16/2016			<0.001					
1/10/2017					<0.001			
1/11/2017							<0.001	
1/12/2017	<0.001							

Prediction Limit

Constituent: Lead Analysis Run 4/28/2021 3:45 PM View: EPD
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-21	GWC-21	GWC-23	GWC-23	GWC-4A[*GWB-4A]	GWC-4A[*GWB-4A]	GWC-5[*GWB-5]	GWC-5[*GWB-5]
1/17/2017			<0.001					
1/19/2017							0.001 (J)	
1/24/2017							<0.001	
2/28/2017					<0.001		<0.001	
3/1/2017	<0.001							
3/2/2017			<0.001					
4/20/2017					<0.001		0.00041 (J)	
4/24/2017	<0.001							
4/25/2017			<0.001					
7/13/2017			<0.001					
7/18/2017					<0.001		<0.001	
7/25/2017	<0.001		<0.001					
1/10/2018					<0.001		<0.001	
1/11/2018	<0.001							
1/12/2018			<0.001					
7/11/2018	<0.001				<0.001		<0.001	
7/12/2018			<0.001					
1/29/2019						<0.001		<0.001
1/30/2019		<0.001		0.00013 (J)				
3/26/2019						<0.001		<0.001
3/27/2019		<0.001		<0.001				
9/10/2019						0.00051 (J)		0.00074 (J)
9/11/2019		0.00021 (J)		0.00018 (J)				
3/31/2020						0.00024 (J)		<0.001
4/1/2020		<0.001		<0.001				
9/15/2020		<0.001		<0.001				<0.001
9/16/2020						<0.001		
3/17/2021		<0.001		<0.001		<0.001		<0.001

Prediction Limit

Constituent: Nickel Analysis Run 4/28/2021 3:45 PM View: EPD
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWA-13	GWA-13	GWA-14	GWA-14	GWA-16[*GWB-16]	GWA-16[*GWB-16]	GWA-2	GWA-2
8/25/2004							<0.0025	
9/11/2004							<0.0025	
9/26/2004							<0.0025	
10/13/2004							<0.0025	
7/11/2005							<0.0025	
12/7/2005							<0.0025	
6/22/2006							<0.0025	
11/28/2006							<0.0025	
7/6/2007							<0.0025	
12/13/2007							<0.0025	
6/20/2008							<0.0025	
12/7/2008							<0.0025	
7/9/2009							0.0043	
12/28/2009							<0.0025	
6/22/2010							<0.0025	
1/4/2011							<0.0025	
7/9/2011							<0.0025	
1/21/2012							<0.0025	
7/11/2012							<0.0025	
1/20/2013							<0.0025	
7/19/2013							<0.0025	
1/15/2014							0.0016 (J)	
7/11/2014							<0.0025	
1/16/2015							<0.0025	
6/20/2015							<0.0025	
12/7/2015	<0.001		<0.0025		<0.001			
12/14/2015					<0.001			
12/15/2015	<0.001		<0.0025					
12/28/2015					<0.001			
12/29/2015	<0.001		<0.0025					
1/13/2016	<0.001		<0.0025		<0.001			
1/16/2016							<0.0025	
1/25/2016	<0.001		<0.0025		<0.001			
6/14/2016	<0.001		0.00052 (J)				0.0006 (J)	
6/15/2016					<0.001			
1/10/2017							<0.0025	
1/11/2017			<0.0025		<0.001			
1/12/2017	<0.001							
7/17/2017							<0.0025	
7/18/2017	<0.001							
7/19/2017			<0.0025		<0.001			
1/10/2018	<0.001						0.0026	
1/11/2018			<0.0025		<0.001			
7/11/2018	<0.001		<0.0025		<0.001		<0.0025	
1/29/2019		0.00033 (J)		0.0004 (J)		0.0004 (J)		0.00063 (J)
3/26/2019		<0.001		<0.0025		<0.001		
3/27/2019								<0.0025
9/10/2019		0.0004 (J)		0.00056 (J)		0.00036 (J)		
9/11/2019								0.00091 (J)
3/31/2020		<0.001						
4/1/2020				0.00043 (J)		<0.001		0.00077 (J)
9/15/2020		0.00037 (J)		0.00075 (J)		0.00045 (J)		0.00094 (J)

Prediction Limit

Constituent: Nickel Analysis Run 4/28/2021 3:45 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWA-13	GWA-13	GWA-14	GWA-14	GWA-16[*GWB-16]	GWA-16[*GWB-16]	GWA-2	GWA-2
3/16/2021		<0.001		0.00045 (J)		0.00043 (J)		0.00072 (J)

Prediction Limit

Constituent: Nickel Analysis Run 4/28/2021 3:45 PM View: EPD
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWA-3	GWA-3	GWC-1	GWC-1	GWC-10	GWC-10	GWC-11	GWC-11
8/25/2004	<0.001		<0.0025		<0.001		<0.0025	
9/11/2004			<0.0025		<0.001		<0.0025	
9/26/2004	<0.001		<0.0025		<0.001		<0.0025	
10/13/2004	<0.001				<0.001		<0.0025	
7/11/2005	<0.001		<0.0025		<0.001		<0.0025	
12/7/2005	<0.001		<0.0025		<0.001		<0.0025	
6/22/2006	<0.001		<0.0025		<0.001		<0.0025	
11/28/2006	<0.001		<0.0025		<0.001		<0.0025	
7/6/2007	<0.001		<0.0025		<0.001		<0.0025	
12/13/2007	<0.001		<0.0025		<0.001		<0.0025	
6/20/2008	<0.001		<0.0025		<0.001		<0.0025	
12/7/2008	<0.001		<0.0025		<0.001		<0.0025	
7/9/2009	<0.001		<0.0025					
7/10/2009					<0.001		<0.0025	
12/28/2009	<0.001		<0.0025					
12/29/2009					<0.001		<0.0025	
6/22/2010	<0.001		<0.0025		<0.001		<0.0025	
1/4/2011			<0.0025		<0.001			
1/5/2011							<0.0025	
7/9/2011	<0.001		<0.0025				<0.0025	
7/10/2011					<0.001			
1/20/2012	<0.001							
1/21/2012			<0.0025		<0.001		<0.0025	
7/11/2012	<0.001		<0.0025		<0.001		0.0049	
1/19/2013	<0.001						<0.0025	
1/20/2013			<0.0025		<0.001			
7/18/2013	<0.001							
7/19/2013			<0.0025		<0.001		<0.0025	
1/15/2014	<0.001		0.0013 (J)				<0.0025	
1/16/2014					<0.001			
7/10/2014					<0.001			
7/11/2014	<0.001		0.0013 (J)				0.0029	
1/15/2015	<0.001							
1/16/2015			<0.0025		<0.001		0.0014 (J)	
6/19/2015	<0.001							
6/20/2015			0.0016 (J)		0.0013 (J)		<0.0025	
1/14/2016							<0.0025	
1/16/2016	<0.001		<0.0025		<0.001			
6/14/2016	<0.001							
6/15/2016			0.00088 (J)				0.00085 (J)	
6/16/2016					<0.001			
1/10/2017	<0.001							
1/12/2017			<0.0025		<0.001		<0.0025	
7/18/2017	<0.001							
7/19/2017			<0.0025					
7/24/2017					<0.001		<0.0025	
1/10/2018	<0.001							
1/11/2018			<0.0025		<0.001		<0.0025	
7/11/2018	<0.001							
7/12/2018			<0.0025		<0.001		<0.0025	
1/29/2019		0.00034 (J)						
1/30/2019				<0.0025		<0.001		<0.0025

Prediction Limit

Constituent: Nickel Analysis Run 4/28/2021 3:45 PM View: EPD
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-12	GWC-12	GWC-15[*GWB-15]	GWC-15[*GWB-15]	GWC-17	GWC-17	GWC-18	GWC-18
8/25/2004	<0.0025							
9/11/2004	<0.0025							
9/26/2004	<0.0025							
10/13/2004	<0.0025							
7/11/2005	<0.0025							
12/7/2005	<0.0025							
6/22/2006	<0.0025							
11/28/2006	<0.0025							
7/6/2007	<0.0025							
12/13/2007	<0.0025							
6/20/2008	<0.0025							
12/7/2008	<0.0025							
7/10/2009	<0.0025							
12/28/2009	<0.0025							
6/22/2010	<0.0025							
1/4/2011	<0.0025							
7/9/2011	<0.0025							
1/20/2012	<0.0025							
7/11/2012	0.0057							
1/19/2013	<0.0025							
7/18/2013	<0.0025							
1/15/2014	0.0043							
7/11/2014	0.0026							
1/15/2015	<0.0025							
6/19/2015	<0.0025							
12/7/2015			<0.001					
12/8/2015					0.0036		<0.0025	
12/14/2015					0.0035		0.0019 (J)	
12/15/2015			<0.001					
12/28/2015			<0.001		0.0032		0.0018 (J)	
1/13/2016			<0.001		0.0029			
1/14/2016							0.0017 (J)	
1/16/2016	<0.0025							
1/25/2016			<0.001					
1/26/2016					0.0027		0.0019 (J)	
6/15/2016	0.00068 (J)		<0.001		0.0018 (J)			
6/16/2016							0.0014 (J)	
1/11/2017			<0.001		0.002 (J)		<0.0025	
1/12/2017	<0.0025							
7/19/2017			<0.001		0.002 (J)			
7/20/2017	<0.0025							
7/25/2017							<0.0025	
1/11/2018	<0.0025		<0.001		0.0019 (J)			
1/12/2018							<0.0025	
7/11/2018			<0.001		<0.0025		<0.0025	
7/12/2018	<0.0025							
1/29/2019				0.00046 (J)		0.0016 (J)		
1/30/2019		<0.0025						<0.0025
3/26/2019				<0.001				
3/27/2019		<0.0025				0.0018		<0.0025
9/11/2019		0.001		0.00042 (J)		0.0018		0.0012
4/1/2020		0.0008 (J)		<0.001		0.0016		0.00095

Prediction Limit

Constituent: Nickel Analysis Run 4/28/2021 3:45 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-12	GWC-12	GWC-15[*GWB-15]	GWC-15[*GWB-15]	GWC-17	GWC-17	GWC-18	GWC-18
9/15/2020				0.00047 (J)		0.0016		0.00092 (J)
9/16/2020		0.00088 (J)						
3/16/2021		0.00093 (J)				0.0015		
3/17/2021				0.00047 (J)				0.0011

Prediction Limit

Constituent: Nickel Analysis Run 4/28/2021 3:45 PM View: EPD
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-19	GWC-19	GWC-20	GWC-20	GWC-21	GWC-21	GWC-23	GWC-23
12/8/2015	0.0022 (J)							
12/9/2015			0.0042		<0.0025			
12/14/2015			0.0067		<0.0025			
12/15/2015	0.0019 (J)							
12/28/2015	0.0017 (J)							
12/29/2015			0.0067		<0.0025			
1/14/2016	0.0029		0.0039		<0.0025			
1/25/2016			0.0049		<0.0025			
1/26/2016	0.0014 (J)							
6/16/2016	0.0013 (J)		0.003 (J)		0.0012 (J)		0.0009 (J)	
1/12/2017					<0.0025			
1/13/2017			<0.0025					
1/16/2017	0.0018 (J)							
1/17/2017							<0.0025	
7/25/2017	0.002 (J)		<0.0025		<0.0025		0.002 (J)	
1/11/2018					<0.0025			
1/12/2018	0.002 (J)		<0.0025				0.0023 (J)	
7/11/2018	0.0018 (J)		<0.0025		<0.0025			
7/12/2018							0.0026	
1/29/2019		0.0017 (J)		0.00093 (J)				
1/30/2019						<0.0025		<0.0025
3/27/2019		<0.0025		<0.0025		<0.0025		0.0018
9/11/2019		0.0018		0.0014		0.00097 (J)		0.0023
4/1/2020		0.0014		0.001		0.00067 (J)		0.0013
9/15/2020				0.0011		0.0007 (J)		0.0013
9/16/2020		0.0012						
3/16/2021		0.0012		0.00093 (J)				
3/17/2021						0.00068 (J)		0.0014

Prediction Limit

Constituent: Nickel, Selenium Analysis Run 4/28/2021 3:45 PM View: EPD

Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-4A[*GWB-4A]	GWC-4A[*GWB-4A]	GWC-5[*GWB-5]	GWC-5[*GWB-5]	GWC-9	GWC-9	GWA-13	GWA-13
8/25/2004	<0.0025		<0.001		<0.001			
9/11/2004	<0.0025		<0.001		<0.001			
9/26/2004	<0.0025		<0.001		<0.001			
10/13/2004	<0.0025		<0.001		<0.001			
7/11/2005	<0.0025		<0.001		<0.001			
12/7/2005	<0.0025		<0.001		<0.001			
6/22/2006	<0.0025		<0.001		<0.001			
11/28/2006	<0.0025		<0.001		<0.001			
7/6/2007	<0.0025		<0.001		<0.001			
12/13/2007	<0.0025		<0.001		<0.001			
6/20/2008	<0.0025		<0.001		0.003			
12/7/2008	<0.0025		<0.001		<0.001			
7/9/2009	<0.0025		<0.001		<0.001			
12/29/2009			<0.001		<0.001			
12/30/2009	0.0048							
6/22/2010	<0.0025		<0.001		<0.001			
1/4/2011	<0.0025		<0.001					
1/5/2011					<0.001			
7/9/2011			<0.001		<0.001			
7/10/2011	<0.0025							
1/21/2012	0.0026		<0.001		<0.001			
7/11/2012	0.0072		0.0031		0.0033			
1/19/2013			<0.001		0.0026			
1/20/2013	0.0025							
7/18/2013			<0.001		<0.001			
7/19/2013	<0.0025							
1/15/2014			<0.001		<0.001			
1/16/2014	0.0031							
7/10/2014	<0.0025		<0.001		<0.001			
1/15/2015			<0.001					
1/16/2015	0.0024 (J)				<0.001			
6/19/2015			<0.001					
6/20/2015	<0.0025				<0.001			
12/7/2015							<0.005	
12/15/2015							<0.005	
12/29/2015							<0.005	
1/13/2016							<0.005	
1/14/2016	<0.0025		<0.001		<0.001			
1/25/2016							<0.005	
4/20/2016							<0.005	
6/14/2016	0.0013 (J)		0.00054 (J)				<0.005	
6/15/2016					<0.001			
8/9/2016							<0.005	
9/27/2016							<0.005	
11/15/2016							<0.005	
1/10/2017	<0.0025							
1/11/2017			<0.001					
1/12/2017							<0.005	
1/13/2017					<0.001			
2/28/2017							<0.005	
4/20/2017							<0.005	
7/18/2017	<0.0025		<0.001				<0.005	

Prediction Limit

Constituent: Nickel, Selenium Analysis Run 4/28/2021 3:45 PM View: EPD
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-4A[*GWB-4A]	GWC-4A[*GWB-4A]	GWC-5[*GWB-5]	GWC-5[*GWB-5]	GWC-9	GWC-9	GWA-13	GWA-13
7/24/2017					<0.001			
1/10/2018	<0.0025		<0.001				0.00025 (J)	
1/12/2018					<0.001			
7/11/2018	0.003		<0.001				<0.005	
7/12/2018					<0.001			
1/29/2019		0.0021 (J)		<0.001				<0.005
1/30/2019						<0.001		
3/26/2019		0.0021		<0.001				<0.005
3/27/2019						<0.001		
9/10/2019		0.002		0.00043 (J)				<0.005
9/11/2019						0.00065 (J)		
3/31/2020		0.0028		<0.001				<0.005
4/1/2020						<0.001		
9/15/2020				0.00056 (J)				<0.005
9/16/2020		0.00096 (J)				0.00075 (J)		
3/16/2021								<0.005
3/17/2021		0.00083 (J)		0.00041 (J)		0.0006 (J)		

Prediction Limit

Constituent: Selenium Analysis Run 4/28/2021 3:45 PM View: EPD
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWA-16[*GWB-16]	GWA-16[*GWB-16]	GWA-2	GWA-2	GWA-3	GWA-3	GWC-1	GWC-1
8/25/2004			<0.005		<0.005		<0.005	
9/11/2004			<0.005		<0.005		<0.005	
9/26/2004			<0.005		<0.005		<0.005	
10/13/2004			<0.005		<0.005			
7/11/2005			<0.005		<0.005		<0.005	
12/7/2005			<0.005		<0.005		<0.005	
6/22/2006			<0.005		<0.005		<0.005	
11/28/2006			<0.005		<0.005		<0.005	
7/6/2007			<0.005		<0.005		<0.005	
12/13/2007			<0.005		<0.005		<0.005	
6/20/2008			<0.005		<0.005		<0.005	
12/7/2008			<0.005		<0.005		<0.005	
7/9/2009			<0.005		<0.005		<0.005	
12/28/2009			<0.005		<0.005		<0.005	
6/22/2010			<0.005		<0.005		<0.005	
1/4/2011			<0.005				<0.005	
1/5/2011					<0.005			
7/9/2011			<0.005		<0.005		<0.005	
1/20/2012					<0.005			
1/21/2012			<0.005				<0.005	
7/11/2012			<0.005		<0.005		<0.005	
1/19/2013					<0.005			
1/20/2013			<0.005				<0.005	
7/18/2013					<0.005			
7/19/2013			<0.005				<0.005	
1/15/2014			<0.005		<0.005		<0.005	
7/11/2014			<0.005		<0.005		<0.005	
1/15/2015					<0.005			
1/16/2015			<0.005				<0.005	
6/19/2015					<0.005			
6/20/2015			<0.005				<0.005	
12/7/2015	<0.005							
12/14/2015	<0.005							
12/28/2015	<0.005							
1/13/2016	<0.005							
1/16/2016			<0.005		<0.005		<0.005	
1/25/2016	<0.005							
4/19/2016			<0.005		<0.005			
4/20/2016	<0.005						<0.005	
6/14/2016			<0.005		<0.005			
6/15/2016	<0.005						<0.005	
8/9/2016	<0.005		<0.005		<0.005			
8/10/2016							<0.005	
9/26/2016			<0.005					
9/27/2016	<0.005				0.00045 (J)		<0.005	
11/14/2016					<0.005			
11/15/2016	<0.005		<0.005				<0.005	
1/10/2017			<0.005		<0.005			
1/11/2017	<0.005							
1/12/2017							0.00035 (J)	
1/23/2017							<0.005	
2/28/2017			<0.005		0.0027			

Prediction Limit

Constituent: Selenium Analysis Run 4/28/2021 3:45 PM View: EPD
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWA-16[*GWB-16]	GWA-16[*GWB-16]	GWA-2	GWA-2	GWA-3	GWA-3	GWC-1	GWC-1
3/1/2017	<0.005						<0.005	
4/19/2017			0.00065 (J)		0.002			
4/20/2017	<0.005						<0.005	
7/17/2017			0.00047 (J)					
7/18/2017					0.0017			
7/19/2017	0.00025 (J)						0.00026 (J)	
1/10/2018			0.00052 (J)		0.00079 (J)			
1/11/2018	<0.005						<0.005	
7/11/2018	<0.005		<0.005		<0.005			
7/12/2018							<0.005	
1/29/2019		<0.005		<0.005		<0.005		
1/30/2019								<0.005
3/26/2019		<0.005						
3/27/2019				<0.005		<0.005		<0.005
9/10/2019		<0.005						
9/11/2019				<0.005		<0.005		<0.005
4/1/2020		<0.005		<0.005		<0.005		<0.005
9/15/2020		<0.005		<0.005		<0.005		<0.005
3/16/2021		<0.005		<0.005		<0.005		<0.005

Prediction Limit

Constituent: Selenium Analysis Run 4/28/2021 3:45 PM View: EPD
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-10	GWC-10	GWC-11	GWC-11	GWC-15[*GWB-15]	GWC-15[*GWB-15]	GWC-18	GWC-18
8/25/2004	<0.005		<0.005					
9/11/2004	<0.005		<0.005					
9/26/2004	<0.005		<0.005					
10/13/2004	<0.005		<0.005					
7/11/2005	<0.005		<0.005					
12/7/2005	<0.005		<0.005					
6/22/2006	<0.005		<0.005					
11/28/2006	<0.005		<0.005					
7/6/2007	<0.005		<0.005					
12/13/2007	<0.005		<0.005					
6/20/2008	<0.005		<0.005					
12/7/2008	<0.005		<0.005					
7/10/2009	<0.005		<0.005					
12/29/2009	<0.005		<0.005					
6/22/2010	<0.005		<0.005					
1/4/2011	<0.005							
1/5/2011			<0.005					
7/9/2011			<0.005					
7/10/2011	<0.005							
1/21/2012	<0.005		<0.005					
7/11/2012	<0.005		<0.005					
1/19/2013			<0.005					
1/20/2013	<0.005							
7/19/2013	<0.005		<0.005					
1/15/2014			<0.005					
1/16/2014	<0.005							
7/10/2014	<0.005							
7/11/2014			<0.005					
1/16/2015	<0.005		<0.005					
6/20/2015	<0.005		<0.005					
12/7/2015					<0.005			
12/8/2015							<0.005	
12/14/2015							<0.005	
12/15/2015					<0.005			
12/28/2015					<0.005		<0.005	
1/13/2016					<0.005			
1/14/2016			<0.005				<0.005	
1/16/2016	<0.005							
1/25/2016					<0.005			
1/26/2016							<0.005	
4/19/2016							<0.005	
4/20/2016			<0.005					
4/21/2016	<0.005				<0.005			
6/15/2016			0.00052 (J)		<0.005			
6/16/2016	<0.005						<0.005	
8/9/2016					<0.005			
8/10/2016	0.00026 (J)		0.00053 (J)					
8/11/2016							<0.005	
9/27/2016	0.00024 (J)		0.00047 (J)		<0.005			
9/28/2016							<0.005	
11/15/2016	<0.005		<0.005		<0.005			
11/16/2016							<0.005	

Prediction Limit

Constituent: Selenium Analysis Run 4/28/2021 3:45 PM View: EPD
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-10	GWC-10	GWC-11	GWC-11	GWC-15[*GWB-15]	GWC-15[*GWB-15]	GWC-18	GWC-18
1/11/2017					<0.005		<0.005	
1/12/2017	<0.005		0.00025 (J)					
2/28/2017					<0.005			
3/1/2017	<0.005		<0.005				<0.005	
4/20/2017					<0.005			
4/24/2017	<0.005		<0.005					
4/25/2017							<0.005	
7/19/2017					0.00071 (J)			
7/24/2017	<0.005		0.00032 (J)					
7/25/2017							<0.005	
1/11/2018	<0.005		<0.005		<0.005			
1/12/2018							<0.005	
7/11/2018					<0.005		0.00044 (J)	
7/12/2018	<0.005		0.00025 (J)					
1/29/2019						<0.005		
1/30/2019		<0.005		<0.005				<0.005
3/26/2019						<0.005		
3/27/2019		<0.005		<0.005				<0.005
9/11/2019		<0.005		<0.005		<0.005		<0.005
4/1/2020		<0.005				<0.005		<0.005
4/2/2020				<0.005				
9/15/2020		<0.005		<0.005		<0.005		<0.005
3/16/2021		<0.005						
3/17/2021				<0.005		<0.005		<0.005

Prediction Limit

Constituent: Selenium Analysis Run 4/28/2021 3:45 PM View: EPD
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-19	GWC-19	GWC-20	GWC-20	GWC-21	GWC-21	GWC-4A[*GWB-4A]GWC-4A[*GWB-4A]
4/24/2017					<0.005		
4/25/2017	0.00052 (J)		0.0021				
7/18/2017							0.00026 (J)
7/25/2017	<0.005		<0.005		<0.005		
1/10/2018							0.00069 (J)
1/11/2018					<0.005		
1/12/2018	<0.005		<0.005				
7/11/2018	<0.005		<0.005		<0.005		<0.005
1/29/2019		<0.005		<0.005			<0.005
1/30/2019						<0.005	
3/26/2019							<0.005
3/27/2019		<0.005		<0.005		<0.005	
9/10/2019							<0.005
9/11/2019		<0.005		<0.005		<0.005	
3/31/2020							<0.005
4/1/2020		<0.005		<0.005		<0.005	
9/15/2020				<0.005		<0.005	
9/16/2020		<0.005					<0.005
3/16/2021		<0.005		<0.005			
3/17/2021						<0.005	<0.005

Prediction Limit

Constituent: Selenium, Silver, Thallium Analysis Run 4/28/2021 3:45 PM View: EPD

Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-5[*GWB-5]	GWC-5[*GWB-5]	GWC-9	GWC-9	GWC-11	GWC-11	GWA-13	GWA-13
8/25/2004	<0.005		<0.005		<0.001			
9/11/2004	<0.005		<0.005		<0.001			
9/26/2004	<0.005		<0.005		<0.001			
10/13/2004	<0.005		<0.005		<0.001			
7/11/2005	<0.005		0.0058		<0.001			
12/7/2005	<0.005		<0.005		<0.001			
6/22/2006	<0.005		<0.005		<0.001			
11/28/2006	<0.005		<0.005		<0.001			
7/6/2007	<0.005		<0.005		<0.001			
12/13/2007	<0.005		<0.005		<0.001			
6/20/2008	<0.005		<0.005		<0.001			
12/7/2008	<0.005		<0.005		<0.001			
7/9/2009	<0.005		<0.005					
7/10/2009					<0.001			
12/29/2009	<0.005		<0.005		<0.001			
6/22/2010	<0.005		<0.005		<0.001			
1/4/2011	<0.005							
1/5/2011			<0.005		<0.001			
7/9/2011	<0.005		<0.005		<0.001			
1/21/2012	<0.005		<0.005		<0.001			
7/11/2012	<0.005		<0.005		<0.001			
1/19/2013	<0.005		<0.005		<0.001			
7/18/2013	<0.005		<0.005					
7/19/2013					<0.001			
1/15/2014	<0.005		<0.005		<0.001			
7/10/2014	<0.005		<0.005					
7/11/2014					0.00061 (J)			
1/15/2015	<0.005							
1/16/2015			<0.005		<0.001			
6/19/2015	<0.005							
6/20/2015			<0.005		<0.001			
12/7/2015							<0.001	
12/15/2015							<0.001	
12/29/2015							0.0001 (J)	
1/13/2016							6E-05 (J)	
1/14/2016	<0.005		<0.005		<0.001			
1/25/2016							<0.001	
4/19/2016			<0.005					
4/20/2016	<0.005						<0.001	
6/14/2016	<0.005						<0.001	
6/15/2016			<0.005		<0.001			
8/9/2016	<0.005						<0.001	
8/10/2016			<0.005					
9/27/2016	<0.005		<0.005				<0.001	
11/15/2016	<0.005		<0.005				<0.001	
1/11/2017	<0.005							
1/12/2017					<0.001		<0.001	
1/13/2017			<0.005					
1/19/2017	0.0006 (J)							
2/28/2017	<0.005						<0.001	
3/1/2017			<0.005					
4/20/2017	<0.005						<0.001	

Prediction Limit

Constituent: Selenium, Silver, Thallium Analysis Run 4/28/2021 3:45 PM View: EPD
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-5[*GWB-5]	GWC-5[*GWB-5]	GWC-9	GWC-9	GWC-11	GWC-11	GWA-13	GWA-13
4/24/2017			<0.005					
7/18/2017	<0.005						<0.001	
7/24/2017			<0.005		<0.001			
1/10/2018	<0.005						<0.001	
1/11/2018					<0.001			
1/12/2018			<0.005					
7/11/2018	<0.005						<0.001	
7/12/2018			<0.005		<0.001			
1/29/2019		<0.005						<0.001
1/30/2019				<0.005		<0.001		
3/26/2019		<0.005						<0.001
3/27/2019				<0.005		<0.001		
9/10/2019		<0.005						0.00057 (J)
9/11/2019				<0.005		<0.001		
3/31/2020		<0.005						<0.001
4/1/2020				<0.005				
4/2/2020						<0.001		
9/15/2020		<0.005				<0.001		<0.001
9/16/2020				<0.005				
3/16/2021								<0.001
3/17/2021		<0.005		<0.005		<0.001		

Prediction Limit

Constituent: Thallium Analysis Run 4/28/2021 3:45 PM View: EPD
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWA-14	GWA-14	GWA-16[*GWB-16]	GWA-16[*GWB-16]	GWA-2	GWA-2	GWA-3	GWA-3
8/25/2004					<0.001		<0.001	
9/11/2004					<0.001		<0.001	
9/26/2004					<0.001		<0.001	
10/13/2004					<0.001		<0.001	
7/11/2005					<0.001		<0.001	
12/7/2005					<0.001		<0.001	
6/22/2006					<0.001		<0.001	
11/28/2006					<0.001		<0.001	
7/6/2007					<0.001		<0.001	
12/13/2007					<0.001		<0.001	
6/20/2008					<0.001		<0.001	
12/7/2008					<0.001		<0.001	
7/9/2009					<0.001		<0.001	
12/28/2009					<0.001		<0.001	
6/22/2010					<0.001		<0.001	
1/4/2011					<0.001		<0.001	
7/9/2011					<0.001		<0.001	
1/20/2012							<0.001	
1/21/2012					<0.001			
7/11/2012					<0.001		<0.001	
1/19/2013							<0.001	
1/20/2013					<0.001			
7/18/2013							<0.001	
7/19/2013					<0.001			
1/15/2014					<0.001		<0.001	
6/19/2015							<0.001	
6/20/2015					<0.001			
12/7/2015	<0.001		<0.001					
12/14/2015			<0.001					
12/15/2015	<0.001							
12/28/2015			<0.001					
12/29/2015	<0.001							
1/13/2016	7.9E-05 (J)		<0.001					
1/16/2016					<0.001		<0.001	
1/25/2016	<0.001		<0.001					
4/19/2016					<0.001		<0.001	
4/20/2016	<0.001		<0.001					
6/14/2016	<0.001				<0.001		<0.001	
6/15/2016			<0.001					
8/9/2016	<0.001		<0.001		<0.001		<0.001	
9/26/2016					<0.001			
9/27/2016	<0.001		<0.001				<0.001	
11/14/2016							<0.001	
11/15/2016	<0.001		<0.001		<0.001			
1/10/2017					<0.001		<0.001	
1/11/2017	<0.001		<0.001					
2/28/2017	<0.001				<0.001		<0.001	
3/1/2017			<0.001					
4/19/2017					<0.001		<0.001	
4/20/2017	<0.001		<0.001					
7/17/2017					<0.001			
7/18/2017							<0.001	

Prediction Limit

Constituent: Thallium Analysis Run 4/28/2021 3:45 PM View: EPD
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWA-14	GWA-14	GWA-16[*GWB-16]	GWA-16[*GWB-16]	GWA-2	GWA-2	GWA-3	GWA-3
7/19/2017	<0.001		<0.001					
1/10/2018					<0.001		<0.001	
1/11/2018	<0.001		<0.001					
7/11/2018	<0.001		<0.001		<0.001		<0.001	
1/29/2019		<0.001		<0.001		<0.001		<0.001
3/26/2019		<0.001		<0.001				
3/27/2019						<0.001		<0.001
9/10/2019		0.00021 (J)		0.0002 (J)				
9/11/2019						<0.001		<0.001
4/1/2020		0.00018 (J)		<0.001		0.00017 (J)		<0.001
9/15/2020		<0.001		<0.001		0.00029 (J)		0.00017 (J)
3/16/2021		<0.001		<0.001		<0.001		<0.001

Prediction Limit

Constituent: Thallium Analysis Run 4/28/2021 3:45 PM View: EPD
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-10	GWC-10	GWC-11	GWC-11	GWC-12	GWC-12	GWC-17	GWC-17
8/25/2004	<0.001		<0.001		<0.001			
9/11/2004	<0.001		<0.001		<0.001			
9/26/2004	<0.001		<0.001		<0.001			
10/13/2004	<0.001		<0.001		<0.001			
7/11/2005	<0.001		<0.001		<0.001			
12/7/2005	<0.001		<0.001		<0.001			
6/22/2006	<0.001		<0.001		<0.001			
11/28/2006	<0.001		<0.001		<0.001			
7/6/2007	<0.001		<0.001		<0.001			
12/13/2007	<0.001		<0.001		<0.001			
6/20/2008	<0.001		<0.001		<0.001			
12/7/2008	<0.001		<0.001		<0.001			
7/10/2009	<0.001		<0.001		<0.001			
12/28/2009					<0.001			
12/29/2009	<0.001		<0.001					
6/22/2010	<0.001		<0.001		<0.001			
1/4/2011	<0.001				<0.001			
1/5/2011			<0.001					
7/9/2011	<0.001		<0.001		<0.001			
1/20/2012					<0.001			
1/21/2012	<0.001		<0.001					
7/11/2012	<0.001		<0.001		<0.001			
1/19/2013			<0.001		<0.001			
1/20/2013	<0.001							
7/18/2013	<0.001				<0.001			
7/19/2013			<0.001					
1/15/2014			<0.001		<0.001			
1/16/2014	<0.001							
6/19/2015					<0.001			
6/20/2015	<0.001		<0.001					
12/8/2015							0.0001 (J)	
12/14/2015							9E-05 (J)	
12/28/2015							9E-05 (J)	
1/13/2016							0.0001 (J)	
1/14/2016			6.1E-05 (J)					
1/16/2016	<0.001				<0.001			
1/26/2016							9.5E-05 (J)	
4/20/2016			<0.001		<0.001		<0.001	
4/21/2016	<0.001							
6/15/2016			<0.001		<0.001		3.8E-05 (J)	
6/16/2016	<0.001							
8/9/2016							<0.001	
8/10/2016	<0.001		<0.001		<0.001			
9/27/2016	<0.001		<0.001		<0.001		<0.001	
11/15/2016	<0.001		<0.001		<0.001		<0.001	
1/11/2017							<0.001	
1/12/2017	<0.001		<0.001		<0.001			
3/1/2017	<0.001		<0.001		<0.001		<0.001	
4/20/2017					<0.001		<0.001	
4/24/2017	<0.001		<0.001					
7/19/2017							<0.001	
7/20/2017					<0.001			

Prediction Limit

Constituent: Thallium Analysis Run 4/28/2021 3:45 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-10	GWC-10	GWC-11	GWC-11	GWC-12	GWC-12	GWC-17	GWC-17
7/24/2017	<0.001		<0.001					
1/11/2018	<0.001		<0.001		<0.001		<0.001	
7/11/2018							<0.001	
7/12/2018	<0.001		<0.001		<0.001			
1/29/2019								<0.001
1/30/2019		<0.001		<0.001		<0.001		
3/27/2019		<0.001		<0.001		<0.001		<0.001
9/11/2019		0.0002 (J)		<0.001		0.00017 (J)		<0.001
4/1/2020		0.00031 (J)				<0.001		<0.001
4/2/2020				0.00028 (J)				
9/15/2020		<0.001		<0.001				<0.001
9/16/2020						<0.001		
3/16/2021		0.00037 (J)				0.00022 (J)		<0.001
3/17/2021				0.00047 (J)				

Prediction Limit

Constituent: Thallium Analysis Run 4/28/2021 3:45 PM View: EPD
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-18	GWC-18	GWC-19	GWC-19	GWC-20	GWC-20	GWC-21	GWC-21
12/8/2015	0.0001 (J)		<0.001					
12/9/2015					0.0001 (J)		<0.001	
12/14/2015	0.0001 (J)				9E-05 (J)		<0.001	
12/15/2015			<0.001					
12/28/2015	0.0001 (J)		<0.001					
12/29/2015					0.0001 (J)		<0.001	
1/14/2016	0.000137 (J)		7.9E-05 (J)		0.000118 (J)		<0.001	
1/25/2016					0.000102 (J)		<0.001	
1/26/2016	0.000142 (J)		<0.001					
4/19/2016	<0.001		<0.001					
4/21/2016					<0.001		<0.001	
6/16/2016	0.00013 (J)		<0.001		5.2E-05 (J)		2.7E-05 (J)	
8/10/2016			<0.001		<0.001		<0.001	
8/11/2016	0.00011 (J)							
9/27/2016					<0.001		0.00016 (J)	
9/28/2016	0.00012 (J)		<0.001					
11/15/2016			<0.001		<0.001		<0.001	
11/16/2016	<0.001							
1/11/2017	9.5E-05 (J)							
1/12/2017							<0.001	
1/13/2017					<0.001			
1/16/2017			<0.001					
3/1/2017	0.00011 (J)		<0.001		<0.001		<0.001	
4/24/2017							<0.001	
4/25/2017	0.00012 (J)		<0.001		<0.001			
7/25/2017	0.00011 (J)		<0.001		<0.001		<0.001	
1/11/2018							<0.001	
1/12/2018	0.00011 (J)		<0.001		<0.001			
7/11/2018	9.5E-05 (J)		<0.001		<0.001		<0.001	
1/29/2019				<0.001		<0.001		
1/30/2019		0.00012 (J)						<0.001
3/27/2019		<0.001		<0.001		<0.001		<0.001
9/11/2019		0.00018 (J)		0.00019 (J)		0.00034 (J)		0.00041 (J)
4/1/2020		<0.001		<0.001		<0.001		<0.001
9/15/2020		<0.001				<0.001		<0.001
9/16/2020				0.00026 (J)				
3/16/2021				<0.001		<0.001		
3/17/2021		0.00016 (J)						<0.001

Prediction Limit

Constituent: Thallium Analysis Run 4/28/2021 3:45 PM View: EPD
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-23	GWC-23	GWC-4A[*GWB-4A]	GWC-4A[*GWB-4A]	GWC-5[*GWB-5]	GWC-5[*GWB-5]	GWC-9	GWC-9
8/25/2004			<0.001		<0.001		<0.001	
9/11/2004			<0.001		<0.001		<0.001	
9/26/2004			<0.001		<0.001		<0.001	
10/13/2004			<0.001		<0.001		<0.001	
7/11/2005			<0.001		<0.001		<0.001	
12/7/2005			<0.001		<0.001		<0.001	
6/22/2006			<0.001		<0.001		<0.001	
11/28/2006			<0.001		<0.001		<0.001	
7/6/2007			<0.001		<0.001		<0.001	
12/13/2007			<0.001		<0.001		<0.001	
6/20/2008			<0.001		<0.001		<0.001	
12/7/2008			<0.001		<0.001		<0.001	
7/9/2009			<0.001		<0.001		<0.001	
12/29/2009					<0.001		<0.001	
12/30/2009			<0.001					
6/22/2010			<0.001		<0.001		<0.001	
1/4/2011			<0.001		<0.001			
1/5/2011							<0.001	
7/9/2011			<0.001		<0.001		<0.001	
1/21/2012			<0.001		<0.001		<0.001	
7/11/2012			<0.001		<0.001		<0.001	
1/19/2013					<0.001		<0.001	
1/20/2013			<0.001					
7/18/2013					<0.001		<0.001	
7/19/2013			<0.001					
1/15/2014					<0.001		<0.001	
1/16/2014			<0.001					
6/19/2015					<0.001			
6/20/2015			<0.001				<0.001	
1/14/2016			<0.001		<0.001		<0.001	
4/19/2016							<0.001	
4/20/2016			<0.001		<0.001			
6/14/2016			3.6E-05 (J)		<0.001			
6/15/2016							<0.001	
6/16/2016	<0.001							
8/9/2016					<0.001			
8/10/2016	<0.001						<0.001	
8/11/2016			<0.001					
9/27/2016			<0.001		<0.001		<0.001	
9/28/2016	<0.001							
11/14/2016			<0.001					
11/15/2016					<0.001		<0.001	
11/16/2016	<0.001							
1/10/2017			<0.001					
1/11/2017					<0.001			
1/13/2017							<0.001	
1/17/2017	<0.001							
1/19/2017					<0.001			
1/24/2017					0.00072			
2/28/2017			<0.001		<0.001			
3/1/2017							<0.001	
3/2/2017	<0.001							

Prediction Limit

Constituent: Thallium Analysis Run 4/28/2021 3:45 PM View: EPD
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-23	GWC-23	GWC-4A[*GWB-4A]	GWC-4A[*GWB-4A]	GWC-5[*GWB-5]	GWC-5[*GWB-5]	GWC-9	GWC-9
4/20/2017			<0.001		<0.001			
4/24/2017							<0.001	
4/25/2017	<0.001							
7/13/2017	<0.001							
7/18/2017			<0.001		<0.001			
7/24/2017							<0.001	
7/25/2017	9E-05 (J)							
1/10/2018			<0.001		<0.001			
1/12/2018	0.00011 (J)						<0.001	
7/11/2018			<0.001		<0.001			
7/12/2018	0.0001 (J)						<0.001	
1/29/2019				<0.001		<0.001		
1/30/2019		0.00016 (J)						<0.001
3/26/2019				<0.001		<0.001		
3/27/2019		0.00011						<0.001
9/10/2019				0.00033 (J)		<0.001		
9/11/2019		0.00034 (J)						0.00023 (J)
3/31/2020				<0.001		<0.001		
4/1/2020		<0.001						<0.001
9/15/2020		<0.001				<0.001		
9/16/2020				<0.001				<0.001
3/17/2021		<0.001		<0.001		<0.001		<0.001

Prediction Limit

Constituent: Vanadium Analysis Run 4/28/2021 3:45 PM View: EPD
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWA-13	GWA-13	GWA-14	GWA-14	GWA-16[*GWB-16]	GWA-16[*GWB-16]	GWA-2	GWA-2
8/25/2004							<0.001	
9/11/2004							<0.001	
9/26/2004							<0.001	
10/13/2004							<0.001	
7/11/2005							<0.001	
12/7/2005							<0.001	
6/22/2006							<0.001	
11/28/2006							<0.001	
7/6/2007							<0.001	
12/13/2007							<0.001	
6/20/2008							<0.001	
12/7/2008							<0.001	
7/9/2009							<0.001	
12/28/2009							<0.001	
6/22/2010							<0.001	
1/4/2011							<0.001	
7/9/2011							<0.001	
1/21/2012							<0.001	
7/11/2012							0.0051	
1/20/2013							<0.001	
7/19/2013							<0.001	
1/15/2014							<0.001	
7/11/2014							<0.001	
1/16/2015							<0.001	
6/20/2015							<0.001	
12/7/2015	<0.001		<0.001		<0.001			
12/14/2015					<0.001			
12/15/2015	<0.001		<0.001					
12/28/2015					<0.001			
12/29/2015	<0.001		<0.001					
1/13/2016	<0.001		<0.001		<0.001			
1/16/2016							<0.001	
1/25/2016	<0.001		<0.001		<0.001			
6/14/2016	0.00055 (J)		0.00033 (J)				0.00044 (J)	
6/15/2016					0.00015 (J)			
1/10/2017							0.0014 (J)	
1/11/2017			<0.001		0.0015 (J)			
1/12/2017	0.0018 (J)							
7/17/2017							<0.001	
7/18/2017	<0.001							
7/19/2017			<0.001		<0.001			
1/10/2018	<0.001						<0.001	
1/11/2018			<0.001		<0.001			
7/11/2018	<0.001		<0.001		<0.001		<0.001	
1/29/2019		0.0018 (J)		<0.001		<0.001		<0.001
3/26/2019		<0.001		<0.001		0.0019		
3/27/2019								0.0019
9/10/2019		0.0027		0.002		0.0019		
9/11/2019								0.0014
3/31/2020		<0.001						
4/1/2020				<0.001		<0.001		<0.001
9/15/2020		<0.001		<0.001		<0.001		<0.001

Prediction Limit

Constituent: Vanadium Analysis Run 4/28/2021 3:45 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWA-13	GWA-13	GWA-14	GWA-14	GWA-16[*GWB-16]	GWA-16[*GWB-16]	GWA-2	GWA-2
3/16/2021		<0.001		<0.001		<0.001		<0.001

Prediction Limit

Constituent: Vanadium Analysis Run 4/28/2021 3:45 PM View: EPD
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWA-3	GWA-3	GWC-1	GWC-1	GWC-10	GWC-10	GWC-11	GWC-11
8/25/2004	<0.001		<0.001		<0.001		<0.0025	
9/11/2004	<0.001		<0.001		<0.001		<0.0025	
9/26/2004	<0.001		<0.001		<0.001		<0.0025	
10/13/2004	<0.001				<0.001		<0.0025	
7/11/2005	<0.001		<0.001		<0.001		<0.0025	
12/7/2005	<0.001		<0.001		<0.001		<0.0025	
6/22/2006	<0.001		<0.001		<0.001		<0.0025	
11/28/2006	<0.001		<0.001		<0.001		<0.0025	
7/6/2007	0.0031		<0.001		<0.001		<0.0025	
12/13/2007	<0.001		<0.001		<0.001		<0.0025	
6/20/2008	0.005		<0.001		<0.001			
12/7/2008	<0.001		<0.001		<0.001		<0.0025	
7/9/2009	<0.001		<0.001					
7/10/2009					<0.001		<0.0025	
12/28/2009	<0.001		<0.001					
12/29/2009					<0.001		<0.0025	
6/22/2010	<0.001		<0.001		<0.001		0.0025	
1/4/2011			<0.001		<0.001			
1/5/2011							<0.0025	
7/9/2011	0.0033		0.0032				<0.0025	
7/10/2011					<0.001			
1/20/2012	<0.001							
1/21/2012			<0.001		<0.001		<0.0025	
7/11/2012	<0.001		<0.001		<0.001		<0.0025	
1/19/2013	<0.001						<0.0025	
1/20/2013			<0.001		<0.001			
7/18/2013	<0.001							
7/19/2013			<0.001		<0.001		<0.0025	
1/15/2014	<0.001		<0.001				<0.0025	
1/16/2014					<0.001			
7/10/2014					<0.001			
7/11/2014	<0.001		<0.001				0.001 (J)	
1/15/2015	<0.001							
1/16/2015			<0.001		0.00098 (J)		0.00089 (J)	
6/19/2015	<0.001							
6/20/2015			0.0017 (J)		0.0019 (J)		0.0017 (J)	
1/14/2016							0.0017 (J)	
1/16/2016	<0.001		<0.001		0.0008 (J)			
6/14/2016	0.00027 (J)							
6/15/2016			0.00031 (J)				0.0018 (J)	
6/16/2016					0.0011 (J)			
1/10/2017	0.0015 (J)							
1/12/2017			0.0031		0.0087		0.01	
7/18/2017	<0.001							
7/19/2017			<0.001					
7/24/2017					0.0027		0.0015 (J)	
1/10/2018	<0.001							
1/11/2018			<0.001		<0.001		<0.0025	
7/11/2018	<0.001							
7/12/2018			<0.001		<0.001		<0.0025	
1/29/2019		<0.001						
1/30/2019				<0.001		0.0027 (J)		<0.0025

Prediction Limit

Constituent: Vanadium Analysis Run 4/28/2021 3:45 PM View: EPD
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-12	GWC-12	GWC-15[*GWB-15]	GWC-15[*GWB-15]	GWC-17	GWC-17	GWC-18	GWC-18
8/25/2004	<0.001							
9/11/2004	<0.001							
9/26/2004	<0.001							
10/13/2004	<0.001							
7/11/2005	<0.001							
12/7/2005	<0.001							
6/22/2006	<0.001							
11/28/2006	<0.001							
7/6/2007	<0.001							
12/13/2007	<0.001							
6/20/2008	<0.001							
12/7/2008	<0.001							
7/10/2009	<0.001							
12/28/2009	<0.001							
6/22/2010	<0.001							
1/4/2011	<0.001							
7/9/2011	<0.001							
1/20/2012	<0.001							
7/11/2012	<0.001							
1/19/2013	<0.001							
7/18/2013	<0.001							
1/15/2014	<0.001							
7/11/2014	<0.001							
1/15/2015	<0.001							
6/19/2015	<0.001							
12/7/2015			<0.001					
12/8/2015					<0.001		0.0023 (J)	
12/14/2015					<0.001		0.0028 (J)	
12/15/2015			<0.001					
12/28/2015			<0.001		<0.001		0.0024 (J)	
1/13/2016			<0.001		<0.001			
1/14/2016							0.0022 (J)	
1/16/2016	<0.001							
1/25/2016			<0.001					
1/26/2016					<0.001		0.0022 (J)	
6/15/2016	0.0004 (J)		0.0003 (J)		0.00047 (J)			
6/16/2016							0.0041 (J)	
1/11/2017			0.0017 (J)		<0.001		0.003	
1/12/2017	0.0075							
7/19/2017			<0.001		<0.001			
7/20/2017	0.0015 (J)							
7/25/2017							0.0055	
1/11/2018	<0.001		<0.001		<0.001			
1/12/2018							0.0022 (J)	
7/11/2018			<0.001		<0.001		0.0016 (J)	
7/12/2018	<0.001							
1/29/2019				<0.001		<0.001		
1/30/2019		<0.001						0.0042 (J)
3/26/2019				0.0041				
3/27/2019		0.0078				0.004		0.0074
9/11/2019		0.0011		0.0016		0.0018		0.0037
4/1/2020		<0.001		<0.001		<0.001		0.0024

Prediction Limit

Constituent: Vanadium Analysis Run 4/28/2021 3:45 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-12	GWC-12	GWC-15[*GWB-15]	GWC-15[*GWB-15]	GWC-17	GWC-17	GWC-18	GWC-18
9/15/2020				<0.001		<0.001		0.0022
9/16/2020		<0.001						
3/16/2021		<0.001				<0.001		
3/17/2021				<0.001				0.0026

Prediction Limit

Constituent: Vanadium Analysis Run 4/28/2021 3:45 PM View: EPD
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-19	GWC-19	GWC-20	GWC-20	GWC-21	GWC-21	GWC-23	GWC-23
12/8/2015	0.0023 (J)							
12/9/2015			<0.001		<0.001			
12/14/2015			<0.001		<0.001			
12/15/2015	0.0016 (J)							
12/28/2015	0.0013 (J)							
12/29/2015			<0.001		<0.001			
1/14/2016	0.0014 (J)		<0.001		<0.001			
1/25/2016			<0.001		<0.001			
1/26/2016	0.0013 (J)							
6/16/2016	0.00092 (J)		0.00054 (J)		0.00048 (J)		0.00063 (J)	
1/12/2017					0.0058			
1/13/2017			0.0074					
1/16/2017	0.0067							
1/17/2017							0.0026	
7/25/2017	0.0035		0.0034		0.0029		0.003	
1/11/2018					<0.001			
1/12/2018	<0.001		<0.001				<0.001	
7/11/2018	<0.001		<0.001		<0.001			
7/12/2018							<0.001	
1/29/2019		<0.001		<0.001				
1/30/2019						<0.001		<0.001
3/27/2019		<0.001		0.0031		0.0049		0.0055
9/11/2019		0.0023		0.0018		0.0015		0.0015
4/1/2020		<0.001		<0.001		<0.001		<0.001
9/15/2020				<0.001		<0.001		<0.001
9/16/2020		<0.001						
3/16/2021		<0.001		<0.001				
3/17/2021						<0.001		<0.001

Prediction Limit

Constituent: Vanadium, Zinc Analysis Run 4/28/2021 3:45 PM View: EPD

Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-4A[*GWB-4A]	GWC-4A[*GWB-4A]	GWC-5[*GWB-5]	GWC-5[*GWB-5]	GWC-9	GWC-9	GWA-13	GWA-13
8/25/2004	<0.001		<0.001		<0.001			
9/11/2004	<0.001		<0.001		<0.001			
9/26/2004	<0.001		<0.001		<0.001			
10/13/2004	<0.001		<0.001		<0.001			
7/11/2005	<0.001		<0.001		<0.001			
12/7/2005	<0.001		<0.001		<0.001			
6/22/2006	<0.001		<0.001		<0.001			
11/28/2006	<0.001		<0.001		<0.001			
7/6/2007	<0.001		<0.001		<0.001			
12/13/2007	<0.001		<0.001		<0.001			
6/20/2008	0.0033		<0.001		0.0037			
12/7/2008	<0.001		<0.001		<0.001			
7/9/2009	<0.001		<0.001		<0.001			
12/29/2009			<0.001		<0.001			
12/30/2009	<0.001							
6/22/2010	<0.001		<0.001		<0.001			
1/4/2011	<0.001		<0.001					
1/5/2011					<0.001			
7/9/2011			<0.001		<0.001			
7/10/2011	<0.001							
1/21/2012	<0.001		<0.001		<0.001			
7/11/2012	<0.001		<0.001		<0.001			
1/19/2013			<0.001		<0.001			
1/20/2013	<0.001							
7/18/2013			<0.001		<0.001			
7/19/2013	<0.001							
1/15/2014			<0.001		<0.001			
1/16/2014	<0.001							
7/10/2014	<0.001		<0.001		<0.001			
1/15/2015			<0.001					
1/16/2015	<0.001				<0.001			
6/19/2015			0.0035 (J)					
6/20/2015	<0.001				<0.001			
12/7/2015							0.0034	
12/15/2015							0.003	
12/29/2015							0.0028	
1/13/2016							0.0025	
1/14/2016	<0.001		<0.001		<0.001			
1/25/2016							0.0022 (J)	
6/14/2016	0.00028 (J)		0.00047 (J)				0.0042 (J)	
6/15/2016					0.00019 (J)			
1/10/2017	0.0014 (J)							
1/11/2017			0.0016 (J)					
1/12/2017							<0.005	
1/13/2017					0.0091			
7/18/2017	<0.001		<0.001				<0.005	
7/24/2017					0.0027			
1/10/2018	<0.001		<0.001				<0.005	
1/12/2018					<0.001			
7/11/2018	<0.001		<0.001				<0.005	
7/12/2018					<0.001			
1/29/2019		<0.001		<0.001				<0.005

Prediction Limit

Constituent: Vanadium, Zinc Analysis Run 4/28/2021 3:45 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-4A[*GWB-4A]	GWC-4A[*GWB-4A]	GWC-5[*GWB-5]	GWC-5[*GWB-5]	GWC-9	GWC-9	GWA-13	GWA-13
1/30/2019						<0.001		
3/26/2019		0.0027		0.0015				<0.005
3/27/2019						0.006		
9/10/2019		0.0018		0.0018				0.0061
9/11/2019						0.0015		
3/31/2020		<0.001		<0.001				<0.005
4/1/2020						<0.001		
9/15/2020				<0.001				0.0037 (J)
9/16/2020		<0.001				<0.001		
3/16/2021								<0.005
3/17/2021		<0.001		<0.001		<0.001		

Prediction Limit

Constituent: Zinc Analysis Run 4/28/2021 3:45 PM View: EPD
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWA-14	GWA-14	GWA-16[*GWB-16]	GWA-16[*GWB-16]	GWA-2	GWA-2	GWA-3	GWA-3
8/25/2004					0.014		<0.005	
9/11/2004					<0.02		<0.005	
9/26/2004					<0.02		<0.005	
10/13/2004					<0.02		<0.005	
7/11/2005					<0.02		<0.005	
12/7/2005					<0.02		<0.005	
6/22/2006					0.0041		0.0042	
11/28/2006					0.0033		0.0048	
7/6/2007					0.0036		0.045	
12/13/2007					<0.02		0.005	
6/20/2008					0.0045		0.012	
12/7/2008					0.0031		0.042	
7/9/2009					0.004		0.0038	
12/28/2009					0.0027		<0.005	
6/22/2010					0.0028		<0.005	
1/4/2011					0.0027			
7/9/2011					0.0051		0.0085	
1/20/2012							0.0057	
1/21/2012					0.004			
7/11/2012					0.0075		<0.005	
1/19/2013							<0.005	
1/20/2013					0.0034			
7/18/2013							0.0028	
7/19/2013					<0.02			
1/15/2014					0.0049		0.0047	
7/11/2014					0.0038		0.0025	
1/15/2015							0.002 (J)	
1/16/2015					0.0032			
6/19/2015							0.0019 (J)	
6/20/2015					0.0042			
12/7/2015	0.0044		0.0048					
12/14/2015			0.0038					
12/15/2015	0.0031							
12/28/2015			0.0042					
12/29/2015	0.0028							
1/13/2016	0.0028		0.0036					
1/16/2016					0.0042		0.0033	
1/25/2016	0.0034		0.0033					
6/14/2016	0.0036 (J)				0.0043 (J)		0.0028 (J)	
6/15/2016			0.0032 (J)					
1/10/2017					0.0084 (J)		0.0079 (J)	
1/11/2017	0.013 (J)		<0.005					
7/17/2017					<0.02			
7/18/2017							<0.005	
7/19/2017	<0.005		<0.005					
1/10/2018					<0.02		<0.005	
1/11/2018	<0.005		<0.005					
7/11/2018	<0.005		<0.005		<0.02		<0.005	
1/29/2019		0.0048 (J)		0.0024 (J)		0.0064 (J)		<0.005
3/26/2019		<0.005		<0.005				
3/27/2019						<0.02		<0.005
9/10/2019		0.0069		0.006				

Prediction Limit

Constituent: Zinc Analysis Run 4/28/2021 3:45 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWA-14	GWA-14	GWA-16[*GWB-16]	GWA-16[*GWB-16]	GWA-2	GWA-2	GWA-3	GWA-3
9/11/2019						0.0089		0.012
4/1/2020		<0.005			<0.005	0.0066		<0.005
9/15/2020		0.024			0.0033 (J)	0.0049 (J)		<0.005
3/16/2021		0.007			0.005	0.0045 (J)		0.0035 (J)

Prediction Limit

Constituent: Zinc Analysis Run 4/28/2021 3:45 PM View: EPD
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-1	GWC-1	GWC-10	GWC-10	GWC-11	GWC-11	GWC-12	GWC-12
8/25/2004	0.012		<0.005		<0.005		<0.005	
9/11/2004	<0.02		0.01		<0.005		0.01	
9/26/2004	<0.02		<0.005		<0.005		<0.005	
10/13/2004			<0.005		<0.005		<0.005	
7/11/2005	<0.02		<0.005		<0.005		<0.005	
12/7/2005	0.015		<0.005		<0.005		<0.005	
6/22/2006	0.0044		0.0034		0.0025		0.0038	
11/28/2006	0.0034		0.019		0.0026		0.007	
7/6/2007	0.0029		<0.005		0.0025		0.0025	
12/13/2007	<0.02		<0.005		<0.005		0.0032	
6/20/2008	0.0035		0.0039		0.0089		0.0044	
12/7/2008	0.0036		<0.005				0.0042	
7/9/2009	0.0032							
7/10/2009			<0.005		<0.005		0.0025	
12/28/2009	0.0032						0.0027	
12/29/2009			<0.005		<0.005			
6/22/2010	0.0032		<0.005		<0.005		<0.005	
1/4/2011	<0.02		<0.005				0.0033	
1/5/2011					<0.005			
7/9/2011	0.0076				<0.005		0.0043	
7/10/2011			0.0026					
1/20/2012							0.0038	
1/21/2012	0.0034		<0.005		0.005			
7/11/2012	0.0028		<0.005		0.0025		0.0035	
1/19/2013					<0.005		0.0028	
1/20/2013	0.0032		<0.005					
7/18/2013							0.0028	
7/19/2013	0.0028		<0.005		<0.005			
1/15/2014	0.0047				0.0034		0.0053	
1/16/2014			0.0031					
7/10/2014			0.0012 (J)					
7/11/2014	0.0041				0.0019 (J)		0.0034	
1/15/2015							0.003	
1/16/2015	0.0035		0.0017 (J)		<0.005			
6/19/2015							0.0035	
6/20/2015	0.0043		0.0036		<0.005			
1/14/2016					0.0022 (J)			
1/16/2016	0.002 (J)		<0.005				0.0023 (J)	
6/15/2016	0.0027 (J)				0.0028 (J)		0.0031 (J)	
6/16/2016			<0.005					
1/12/2017	<0.02		<0.005		<0.005		<0.005	
7/19/2017	<0.02							
7/20/2017							<0.005	
7/24/2017			<0.005		<0.005			
1/11/2018	<0.02		<0.005		<0.005		<0.005	
7/12/2018	<0.02		<0.005		<0.005		<0.005	
1/30/2019		0.0031 (J)		<0.005		<0.005		<0.005
3/27/2019		<0.02		<0.005		<0.005		<0.005
9/11/2019		0.0088		0.0058		0.005		0.0066
4/1/2020		0.0046 (J)		<0.005				<0.005
4/2/2020						0.0049 (J)		
9/15/2020		0.0049 (J)		0.0043 (J)		<0.005		

Prediction Limit

Constituent: Zinc Analysis Run 4/28/2021 3:45 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-1	GWC-1	GWC-10	GWC-10	GWC-11	GWC-11	GWC-12	GWC-12
9/16/2020								0.0033 (J)
3/16/2021		0.0047 (J)		<0.005				<0.005
3/17/2021						0.0032 (J)		

Prediction Limit

Constituent: Zinc Analysis Run 4/28/2021 3:45 PM View: EPD
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-15[*GWB-15]	GWC-15[*GWB-15]	GWC-17	GWC-17	GWC-18	GWC-18	GWC-19	GWC-19
12/7/2015	0.0052							
12/8/2015			0.0058		0.0017 (J)		0.0035	
12/14/2015			0.006		0.0028			
12/15/2015	0.0046						0.0028	
12/28/2015	0.0042		0.0058		0.0024 (J)		0.0023 (J)	
1/13/2016	0.0038		0.0056					
1/14/2016					0.0036		0.012	
1/25/2016	0.0036							
1/26/2016			0.0046		0.0036		0.0034	
6/15/2016	0.0028 (J)		0.0053 (J)					
6/16/2016					0.0052 (J)		0.0026 (J)	
1/11/2017	0.014 (J)		0.018 (J)		0.025			
1/16/2017							<0.005	
7/19/2017	<0.005		<0.02					
7/25/2017					<0.005		<0.005	
1/11/2018	<0.005		<0.02					
1/12/2018					<0.005		<0.005	
7/11/2018	<0.005		<0.02		<0.005		<0.005	
1/29/2019		0.0059 (J)		0.0059 (J)				0.0051 (J)
1/30/2019						0.5		
3/26/2019		<0.005						
3/27/2019				<0.02		<0.005		<0.005
9/11/2019		0.0062		0.013		0.0058		0.0046 (J)
4/1/2020		<0.005		0.005		<0.005		<0.005
9/15/2020		0.0033 (J)		0.0052		0.0032 (J)		
9/16/2020								0.004 (J)
3/16/2021				0.006				<0.005
3/17/2021		0.0063				0.0032 (J)		

Prediction Limit

Constituent: Zinc Analysis Run 4/28/2021 3:45 PM View: EPD
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-20	GWC-20	GWC-21	GWC-21	GWC-23	GWC-23	GWC-4A[*GWB-4A]GWC-4A[*GWB-4A]
8/25/2004							<-0.02
9/11/2004							<-0.02
9/26/2004							<-0.02
10/13/2004							<-0.02
7/11/2005							<-0.02
6/22/2006							0.0061
11/28/2006							0.0064
7/6/2007							0.011
12/13/2007							0.0061
6/20/2008							0.009
12/7/2008							0.0071
7/9/2009							0.0059
12/30/2009							0.0038
6/22/2010							0.0044
1/4/2011							0.0038
7/10/2011							0.005
1/21/2012							0.0074
7/11/2012							0.0047
1/20/2013							<-0.02
7/19/2013							0.0032
1/16/2014							0.019
7/10/2014							0.0038
1/16/2015							0.0045
6/20/2015							0.0023 (J)
12/9/2015	0.0035		0.0016 (J)				
12/14/2015	0.0056		0.0015 (J)				
12/29/2015	0.0084		<0.005				
1/14/2016	0.0048		0.0052				0.0024 (J)
1/25/2016	0.0069		0.0017 (J)				
6/14/2016							0.0053 (J)
6/16/2016	0.0048 (J)		0.0097 (J)		0.0098 (J)		
1/10/2017							<-0.02
1/12/2017			<0.005				
1/13/2017	<0.005						
1/17/2017					<-0.02		
7/18/2017							<-0.02
7/25/2017	<0.005		<0.005		0.0069 (J)		
1/10/2018							<-0.02
1/11/2018			<0.005				
1/12/2018	<0.005				<-0.02		
7/11/2018	<0.005		<0.005				0.0098 (J)
7/12/2018					<-0.02		
1/29/2019		<0.005					0.0064 (J)
1/30/2019				0.0025 (J)		0.0049 (J)	
3/26/2019							0.01
3/27/2019		<0.005		<0.005		<-0.02	
9/10/2019							0.012
9/11/2019		0.0073		0.0063		0.0086	
3/31/2020							0.013
4/1/2020		<0.005		0.0032 (J)		0.0033 (J)	
9/15/2020		0.0044 (J)		<0.005		0.004 (J)	
9/16/2020							0.011

Prediction Limit

Constituent: Zinc Analysis Run 4/28/2021 3:45 PM View: EPD
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-20	GWC-20	GWC-21	GWC-21	GWC-23	GWC-23	GWC-4A[*GWB-4A]GWC-4A[*GWB-4A]
3/16/2021		<0.005					
3/17/2021				<0.005		0.0033 (J)	0.0039 (J)

Prediction Limit

Constituent: Zinc Analysis Run 4/28/2021 3:45 PM View: EPD
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-5[*GWB-5]	GWC-5[*GWB-5]	GWC-9	GWC-9
8/25/2004	0.017		<0.005	
9/11/2004	<0.005		<0.005	
9/26/2004	<0.005		<0.005	
10/13/2004	<0.005		<0.005	
7/11/2005	<0.005		<0.005	
12/7/2005	<0.005		<0.005	
6/22/2006	0.0033		<0.005	
11/28/2006	0.0034		0.0034	
7/6/2007	0.0037		0.0049	
12/13/2007	<0.005		<0.005	
6/20/2008	0.0042		0.006	
12/7/2008	0.0049		0.0043	
7/9/2009	0.0032		<0.005	
12/29/2009	0.0031		0.0061	
6/22/2010	<0.005		<0.005	
1/4/2011	0.0029			
1/5/2011			<0.005	
7/9/2011	0.0038		0.0077	
1/21/2012	0.0057		0.0032	
7/11/2012	0.0032		<0.005	
1/19/2013	0.0032		<0.005	
7/18/2013	0.0027		<0.005	
1/15/2014	0.0059		0.0036	
7/10/2014	0.0064		0.0024 (J)	
1/15/2015	0.0024 (J)			
1/16/2015			0.0055	
6/19/2015	0.0057			
6/20/2015			<0.005	
1/14/2016	0.0022 (J)		<0.005	
6/14/2016	0.0028 (J)			
6/15/2016			0.0037 (J)	
1/11/2017	0.013 (J)			
1/13/2017			<0.005	
7/18/2017	<0.005			
7/24/2017			<0.005	
1/10/2018	<0.005			
1/12/2018			<0.005	
7/11/2018	<0.005			
7/12/2018			<0.005	
1/29/2019		0.0027 (J)		
1/30/2019				0.051
3/26/2019		<0.005		
3/27/2019				<0.005
9/10/2019		0.022		
9/11/2019				0.0058
3/31/2020		<0.005		
4/1/2020				<0.005
9/15/2020		0.0049 (J)		
9/16/2020				0.0035 (J)
3/17/2021		0.0041 (J)		<0.005

FIGURE E.

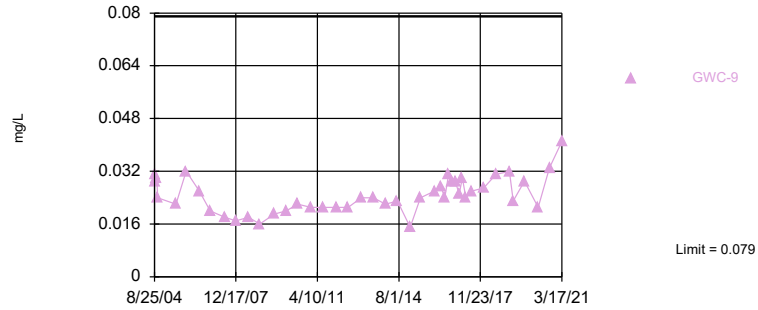
Appendix I Interwell Prediction Limits (Intrawell Exceedances) - All Results (No Significant)

Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR Printed 5/3/2021, 10:00 AM

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-9	0.079	n/a	3/17/2021	0.041	No	302	n/a	n/a	0	n/a	n/a	7.3e-7	NP Inter (normality) 1 of 3
Chromium (mg/L)	GWC-23	0.024	n/a	3/17/2021	0.0027	No	296	n/a	n/a	47.64	n/a	n/a	7.3e-7	NP Inter (normality) 1 of 3

Within Limit

Prediction Limit
Interwell Non-parametric



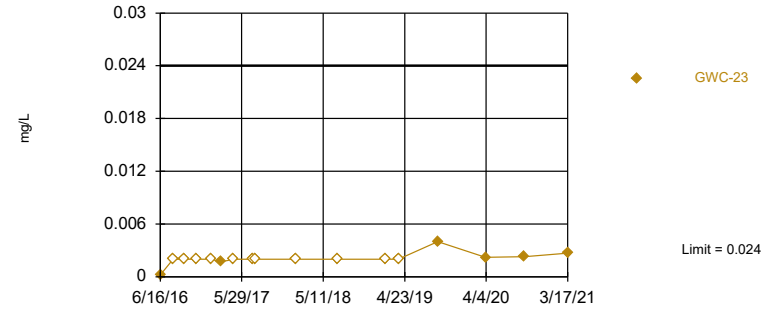
Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 302 background values. Annual per-constituent alpha = 0.0000131. Individual comparison alpha = 7.3e-7 (1 of 3). Assumes 8 future values.

Constituent: Barium Analysis Run 5/3/2021 10:00 AM View: Appendix I - Exceedances
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

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 296 background values. 47.64% NDs. Annual per-constituent alpha = 0.0000131. Individual comparison alpha = 7.3e-7 (1 of 3). Assumes 8 future values.

Constituent: Chromium Analysis Run 5/3/2021 10:00 AM View: Appendix I - Exceedances
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 5/3/2021 10:00 AM View: Appendix I - Exceedances

Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWA-3 (bg)	GWA-2 (bg)	GWC-5*GWB-5]...	GWC-4A*GWB-4...GWC-9	GWA-16*GWB-1...	GWA-14 (bg)	GWC-15*GWB-1...	GWA-13 (bg)
8/25/2004	0.025	0.018	0.016	0.0096	0.029			
9/11/2004	0.015	0.019	0.02	0.024	0.031			
9/26/2004	0.017	0.02	0.016	0.027	0.03			
10/13/2004	0.017	0.017	0.014	0.022	0.024			
7/11/2005	0.012	0.012	0.014	0.029	0.022			
12/7/2005	0.012	0.014	0.014	0.023	0.032			
6/22/2006	0.016	0.018	0.019	0.026	0.026			
11/28/2006	0.017	0.015	0.016	0.039	0.02			
7/6/2007	0.1 (O)	0.014	0.018	0.037	0.018			
12/13/2007	0.01	0.014	0.015	0.029	0.017			
6/20/2008	0.026	0.018	0.018	0.037	0.018			
12/7/2008	0.097 (O)	0.013	0.016	0.025	0.016			
7/9/2009	0.01	0.019	0.019	0.028	0.019			
12/28/2009	0.0091	0.012						
12/29/2009			0.02		0.02			
12/30/2009				0.017				
6/22/2010	0.011	0.02	0.027	0.032	0.022			
1/4/2011		0.02	0.025	0.02				
1/5/2011	0.21 (O)				0.021			
7/9/2011	0.035	0.028	0.022		0.021			
7/10/2011				0.032				
1/20/2012	0.021							
1/21/2012		0.026	0.024	0.026	0.021			
7/11/2012	0.009	0.038	0.024	0.023	0.021			
1/19/2013	0.01		0.026		0.024			
1/20/2013		0.025		0.011				
7/18/2013	0.014		0.024		0.024			
7/19/2013		0.018		0.018				
1/15/2014	0.016	0.026	0.026		0.022			
1/16/2014				0.015				
7/10/2014			0.036	0.025	0.023			
7/11/2014	0.016	0.029						
1/15/2015	0.014		0.035					
1/16/2015		0.021		0.022	0.015			
6/19/2015	0.013		0.066					
6/20/2015		0.031		0.015	0.024			
12/7/2015					0.027	0.018	0.027	0.015
12/8/2015								
12/14/2015					0.028			
12/15/2015						0.017	0.028	0.015
12/28/2015					0.029		0.026	
12/29/2015						0.018		0.016
1/13/2016					0.028	0.018	0.026	0.017
1/14/2016			0.059	0.016	0.026			
1/16/2016	0.021	0.031						
1/25/2016					0.027	0.018	0.027	0.017
1/26/2016								
4/19/2016	0.0217	0.0305		0.0274				
4/20/2016			0.0553	0.0234	0.0259	0.0143		0.0144
4/21/2016							0.0262	
6/14/2016	0.024	0.03	0.035	0.019		0.012		0.015
6/15/2016				0.024	0.024		0.024	

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 5/3/2021 10:00 AM View: Appendix I - Exceedances
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWA-3 (bg)	GWA-2 (bg)	GWC-5[*GWB-5]...	GWC-4A[*GWB-4...GWC-9	GWA-16[*GWB-1...GWA-14 (bg)	GWC-15[*GWB-1...GWA-13 (bg)			
6/16/2016									
8/9/2016	0.023	0.032	0.035		0.023	0.011	0.023	0.013	
8/10/2016				0.031					
8/11/2016				0.024					
9/26/2016		0.031							
9/27/2016	0.016		0.038	0.035	0.029	0.021	0.01	0.023	0.015
9/28/2016									
11/14/2016	0.014			0.034					
11/15/2016		0.033	0.039		0.029	0.023	0.012	0.023	0.015
11/16/2016									
1/10/2017	0.015	0.031		0.021					
1/11/2017			0.037		0.021	0.011	0.022		
1/12/2017									0.012
1/13/2017				0.025					
1/19/2017			0.079						
1/24/2017			0.42 (o)						
2/28/2017	0.017	0.033	0.042	0.021			0.011	0.023	0.016
3/1/2017					0.03	0.022			
4/19/2017	0.013	0.032							
4/20/2017			0.04	0.019		0.022	0.011	0.024	0.015
4/24/2017					0.024				
4/25/2017									
7/17/2017		0.033							
7/18/2017	0.012		0.04	0.018					0.015
7/19/2017					0.024	0.012	0.025		
7/24/2017					0.026				
7/25/2017									
1/10/2018	0.016	0.034	0.048	0.021					0.015
1/11/2018					0.022	0.012	0.023		
1/12/2018					0.027				
7/11/2018	0.015	0.035	0.044	0.029		0.023	0.012	0.025	0.015
7/12/2018					0.031				
1/29/2019	0.017	0.034	0.05	0.025		0.026	0.013	0.027	0.019
1/30/2019					0.032				
3/26/2019			0.046	0.023		0.023	0.012	0.028	0.016
3/27/2019	0.014	0.03			0.023				
9/10/2019			0.044	0.026		0.039	0.016		0.03
9/11/2019	0.015	0.034			0.029			0.023	
3/31/2020			0.044	0.017					0.015
4/1/2020	0.014	0.037			0.021	0.022	0.013	0.026	
9/15/2020	0.015	0.036	0.041			0.024	0.012	0.023	0.014
9/16/2020				0.016	0.033				
3/16/2021	0.015	0.035				0.025	0.013		0.018
3/17/2021			0.04	0.014	0.041			0.028	

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 5/3/2021 10:00 AM View: Appendix I - Exceedances
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-18 (bg)	GWC-17 (bg)
8/25/2004		
9/11/2004		
9/26/2004		
10/13/2004		
7/11/2005		
12/7/2005		
6/22/2006		
11/28/2006		
7/6/2007		
12/13/2007		
6/20/2008		
12/7/2008		
7/9/2009		
12/28/2009		
12/29/2009		
12/30/2009		
6/22/2010		
1/4/2011		
1/5/2011		
7/9/2011		
7/10/2011		
1/20/2012		
1/21/2012		
7/11/2012		
1/19/2013		
1/20/2013		
7/18/2013		
7/19/2013		
1/15/2014		
1/16/2014		
7/10/2014		
7/11/2014		
1/15/2015		
1/16/2015		
6/19/2015		
6/20/2015		
12/7/2015		
12/8/2015	0.053	0.021
12/14/2015	0.049	0.021
12/15/2015		
12/28/2015	0.048	0.02
12/29/2015		
1/13/2016		0.019
1/14/2016	0.048	
1/16/2016		
1/25/2016		
1/26/2016	0.044	0.019
4/19/2016	0.0308	
4/20/2016		0.0188
4/21/2016		
6/14/2016		
6/15/2016		0.017

Prediction Limit

Constituent: Barium (mg/L) Analysis Run 5/3/2021 10:00 AM View: Appendix I - Exceedances
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-18 (bg)	GWC-17 (bg)
6/16/2016	0.029	
8/9/2016		0.018
8/10/2016		
8/11/2016	0.023	
9/26/2016		
9/27/2016		0.016
9/28/2016	0.024	
11/14/2016		
11/15/2016		0.017
11/16/2016	0.022	
1/10/2017		
1/11/2017	0.017	0.017
1/12/2017		
1/13/2017		
1/19/2017		
1/24/2017		
2/28/2017		
3/1/2017	0.02	0.017
4/19/2017		
4/20/2017		0.016
4/24/2017		
4/25/2017	0.02	
7/17/2017		
7/18/2017		
7/19/2017		0.017
7/24/2017		
7/25/2017	0.017	
1/10/2018		
1/11/2018		0.017
1/12/2018	0.015	
7/11/2018	0.013	0.017
7/12/2018		
1/29/2019		0.02
1/30/2019	0.02	
3/26/2019		
3/27/2019	0.014	0.017
9/10/2019		
9/11/2019	0.018	0.021
3/31/2020		
4/1/2020	0.013	0.019
9/15/2020	0.014	0.018
9/16/2020		
3/16/2021		0.017
3/17/2021	0.013	

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 5/3/2021 10:00 AM View: Appendix I - Exceedances

Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWA-2 (bg)	GWA-3 (bg)	GWC-4A[*GWB-4...	GWC-5[*GWB-5]...	GWA-14 (bg)	GWC-15[*GWB-1...	GWA-16[*GWB-1...	GWA-13 (bg)	GWC-18 (bg)
8/9/2016	0.0014 (J)	<0.002		<0.002	<0.002	<0.002	<0.002	<0.002	
8/10/2016									
8/11/2016			<0.002						0.0023 (J)
9/26/2016	0.0016 (J)								
9/27/2016		<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	
9/28/2016									0.0022 (J)
11/14/2016		0.0011 (J)	<0.002						
11/15/2016	0.0015 (J)			<0.002	<0.002	<0.002	0.0011 (J)	<0.002	
11/16/2016									0.0019 (J)
1/10/2017	0.0015 (J)	0.0012 (J)	<0.002						
1/11/2017				<0.002	<0.002	<0.002	0.0012 (J)		0.0025
1/12/2017								<0.002	
1/17/2017									
1/19/2017				0.002 (J)					
1/24/2017				<0.002					
2/28/2017	0.0044	0.004	0.0048	0.0054	0.0047	0.0051		0.0049	
3/1/2017							0.0052		0.0065
3/2/2017									
4/19/2017	0.0011 (J)	0.0011 (J)							
4/20/2017			<0.002	0.0013 (J)	<0.002	0.0012 (J)	0.0013 (J)	0.0011 (J)	
4/25/2017									0.0026
7/13/2017									
7/17/2017	0.0011 (J)								
7/18/2017		<0.002	<0.002	<0.002				<0.002	
7/19/2017					<0.002	0.0013 (J)	0.0015 (J)		
7/25/2017									0.0023 (J)
1/10/2018	0.0014 (J)	0.0012 (J)	<0.002	<0.002				<0.002	
1/11/2018					<0.002	0.0011 (J)	0.0013 (J)		
1/12/2018									0.002 (J)
7/11/2018	0.0011 (J)	0.0011 (J)	<0.002	<0.002	<0.002	<0.002	0.0012 (J)	<0.002	0.0022 (J)
7/12/2018									
1/29/2019	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	0.0037 (J)	
1/30/2019									0.0049 (J)
3/26/2019			<0.002	<0.002	<0.002	0.0016	0.0015	0.0014	
3/27/2019	0.0016	0.0014							0.0025
9/10/2019			0.0031	0.0041	0.004		0.004	0.0052	
9/11/2019	0.004	0.0034				0.0038			0.0049
3/31/2020			<0.002	<0.002				0.0019 (J)	
4/1/2020	0.0017 (J)	<0.002			<0.002	0.0015 (J)	0.024		0.0025
9/15/2020	0.0015 (J)	<0.002		<0.002	<0.002	<0.002	0.0015 (J)	<0.002	0.0025
9/16/2020			<0.002						
3/16/2021	0.0015 (J)	0.0015 (J)			<0.002		0.0017 (J)	<0.002	
3/17/2021			<0.002	<0.002		<0.002			0.0027

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 5/3/2021 10:00 AM View: Appendix I - Exceedances
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-17 (bg)	GWC-23
8/25/2004		
9/11/2004		
9/26/2004		
10/13/2004		
7/11/2005		
12/7/2005		
6/22/2006		
11/28/2006		
7/6/2007		
12/13/2007		
6/20/2008		
12/7/2008		
7/9/2009		
12/28/2009		
12/29/2009		
12/30/2009		
6/22/2010		
1/4/2011		
1/5/2011		
7/9/2011		
7/10/2011		
1/20/2012		
1/21/2012		
7/11/2012		
1/19/2013		
1/20/2013		
7/18/2013		
7/19/2013		
1/15/2014		
1/16/2014		
7/10/2014		
7/11/2014		
1/15/2015		
1/16/2015		
6/19/2015		
6/20/2015		
12/7/2015		
12/8/2015	<0.002	
12/14/2015	<0.002	
12/15/2015		
12/28/2015	<0.002	
12/29/2015		
1/14/2016		
1/16/2016		
1/25/2016		
1/26/2016	<0.002	
4/19/2016		
4/20/2016	<0.002	
4/21/2016		
6/14/2016		
6/15/2016	0.0018 (J)	
6/16/2016		0.00023 (J)

Prediction Limit

Constituent: Chromium (mg/L) Analysis Run 5/3/2021 10:00 AM View: Appendix I - Exceedances
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-17 (bg)	GWC-23
8/9/2016	0.002 (J)	
8/10/2016		<0.002
8/11/2016		
9/26/2016		
9/27/2016	0.0021 (J)	
9/28/2016		<0.002
11/14/2016		
11/15/2016	0.002 (J)	
11/16/2016		<0.002
1/10/2017		
1/11/2017	0.0025	
1/12/2017		
1/17/2017		<0.002
1/19/2017		
1/24/2017		
2/28/2017		
3/1/2017	0.0067	
3/2/2017		0.0017 (J)
4/19/2017		
4/20/2017	0.0024 (J)	
4/25/2017		<0.002
7/13/2017		<0.002
7/17/2017		
7/18/2017		
7/19/2017	0.0025	
7/25/2017		<0.002
1/10/2018		
1/11/2018	0.0026	
1/12/2018		<0.002
7/11/2018	0.0025	
7/12/2018		<0.002
1/29/2019	0.0041 (J)	
1/30/2019		<0.002
3/26/2019		
3/27/2019	0.0028	<0.002
9/10/2019		
9/11/2019	0.0059	0.004
3/31/2020		
4/1/2020	0.0032	0.0022
9/15/2020	0.0027	0.0023
9/16/2020		
3/16/2021	0.0031	
3/17/2021		0.0027

FIGURE F.

Appendix I Trend Tests - Significant Results

Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR Printed 5/3/2021, 10:02 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Barium (mg/L)	GWA-2 (bg)	0.001402	6.544	2.58	Yes	43	0	n/a	n/a	0.01	NP
Barium (mg/L)	GWC-18 (bg)	-0.007274	-192	-92	Yes	22	0	n/a	n/a	0.01	NP
Barium (mg/L)	GWC-5[*GWB-5] (bg)	0.002098	6.625	2.58	Yes	44	0	n/a	n/a	0.01	NP
Barium (mg/L)	GWC-9	0.0006186	2.973	2.58	Yes	43	0	n/a	n/a	0.01	NP
Chromium (mg/L)	GWA-2 (bg)	-0.00005169	-3.161	-2.58	Yes	42	21.43	n/a	n/a	0.01	NP
Chromium (mg/L)	GWC-18 (bg)	0.0002167	97	87	Yes	21	0	n/a	n/a	0.01	NP

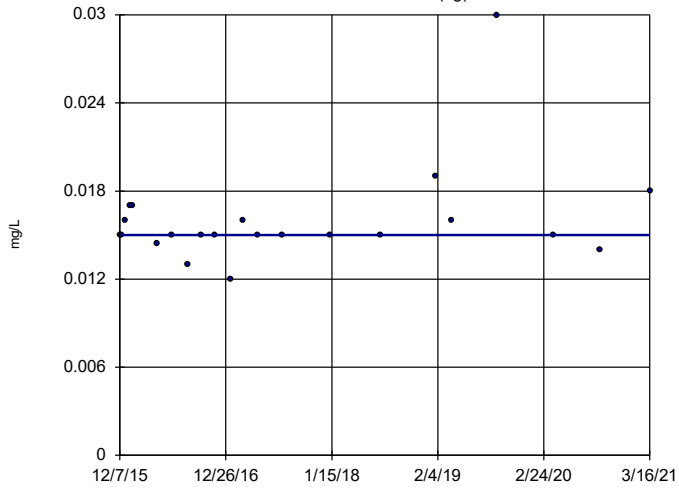
Appendix I Trend Tests - All Results

Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR Printed 5/3/2021, 10:02 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Barium (mg/L)	GWA-13 (bg)	0	24	92	No	22	0	n/a	n/a	0.01	NP
Barium (mg/L)	GWA-14 (bg)	-0.0002649	-37	-92	No	22	0	n/a	n/a	0.01	NP
Barium (mg/L)	GWA-16[*GWB-16] (bg)	-0.0006279	-51	-92	No	22	0	n/a	n/a	0.01	NP
Barium (mg/L)	GWA-2 (bg)	0.001402	6.544	2.58	Yes	43	0	n/a	n/a	0.01	NP
Barium (mg/L)	GWA-3 (bg)	0	-13	-223	No	40	0	n/a	n/a	0.01	NP
Barium (mg/L)	GWC-15[*GWB-15] (bg)	0	-23	-92	No	22	0	n/a	n/a	0.01	NP
Barium (mg/L)	GWC-17 (bg)	-0.0003179	-56	-92	No	22	0	n/a	n/a	0.01	NP
Barium (mg/L)	GWC-18 (bg)	-0.007274	-192	-92	Yes	22	0	n/a	n/a	0.01	NP
Barium (mg/L)	GWC-4A[*GWB-4A] (bg)	-0.0004375	-1.97	-2.58	No	43	0	n/a	n/a	0.01	NP
Barium (mg/L)	GWC-5[*GWB-5] (bg)	0.002098	6.625	2.58	Yes	44	0	n/a	n/a	0.01	NP
Barium (mg/L)	GWC-9	0.0006186	2.973	2.58	Yes	43	0	n/a	n/a	0.01	NP
Chromium (mg/L)	GWA-13 (bg)	0	-10	-81	No	20	65	n/a	n/a	0.01	NP
Chromium (mg/L)	GWA-14 (bg)	0	21	87	No	21	85.71	n/a	n/a	0.01	NP
Chromium (mg/L)	GWA-16[*GWB-16] (bg)	0	1	87	No	21	38.1	n/a	n/a	0.01	NP
Chromium (mg/L)	GWA-2 (bg)	-0.00005169	-3.161	-2.58	Yes	42	21.43	n/a	n/a	0.01	NP
Chromium (mg/L)	GWA-3 (bg)	-0.00002819	-2.28	-2.58	No	42	35.71	n/a	n/a	0.01	NP
Chromium (mg/L)	GWC-15[*GWB-15] (bg)	0	-8	-87	No	21	61.9	n/a	n/a	0.01	NP
Chromium (mg/L)	GWC-17 (bg)	0	-10	-87	No	21	23.81	n/a	n/a	0.01	NP
Chromium (mg/L)	GWC-18 (bg)	0.0002167	97	87	Yes	21	0	n/a	n/a	0.01	NP
Chromium (mg/L)	GWC-23	0	23	63	No	17	64.71	n/a	n/a	0.01	NP
Chromium (mg/L)	GWC-4A[*GWB-4A] (bg)	0	-0.4796	-2.58	No	43	69.77	n/a	n/a	0.01	NP
Chromium (mg/L)	GWC-5[*GWB-5] (bg)	0	-0.3236	-2.58	No	44	68.18	n/a	n/a	0.01	NP

Sen's Slope Estimator

GWA-13 (bg)

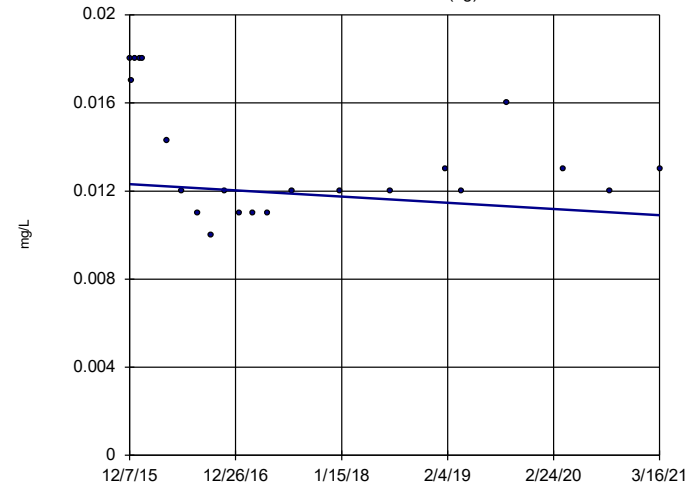


n = 22
 Slope = 0
 units per year.
 Mann-Kendall
 statistic = 24
 critical = 92
 Trend not sig-
 nificant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: Barium Analysis Run 5/3/2021 10:01 AM View: Appendix I - Exceedances
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sen's Slope Estimator

GWA-14 (bg)

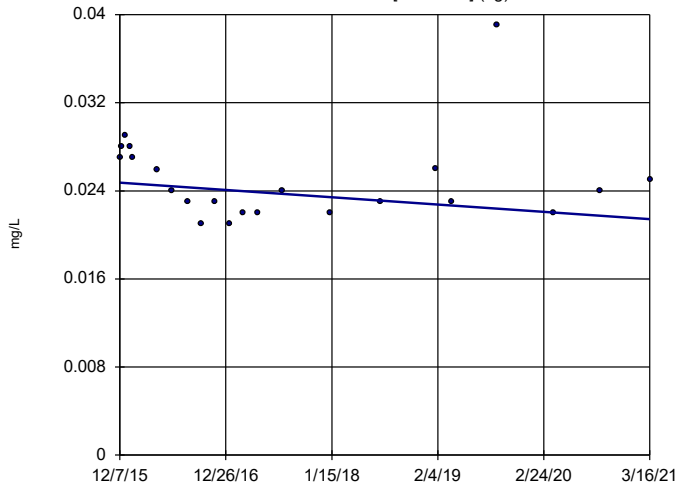


n = 22
 Slope = -0.0002649
 units per year.
 Mann-Kendall
 statistic = -37
 critical = -92
 Trend not sig-
 nificant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: Barium Analysis Run 5/3/2021 10:01 AM View: Appendix I - Exceedances
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sen's Slope Estimator

GWA-16*[GWB-16] (bg)

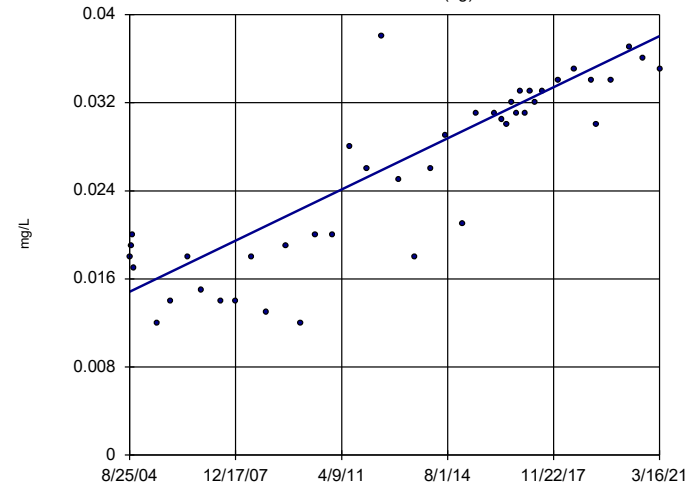


n = 22
 Slope = -0.0006279
 units per year.
 Mann-Kendall
 statistic = -51
 critical = -92
 Trend not sig-
 nificant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: Barium Analysis Run 5/3/2021 10:01 AM View: Appendix I - Exceedances
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sen's Slope Estimator

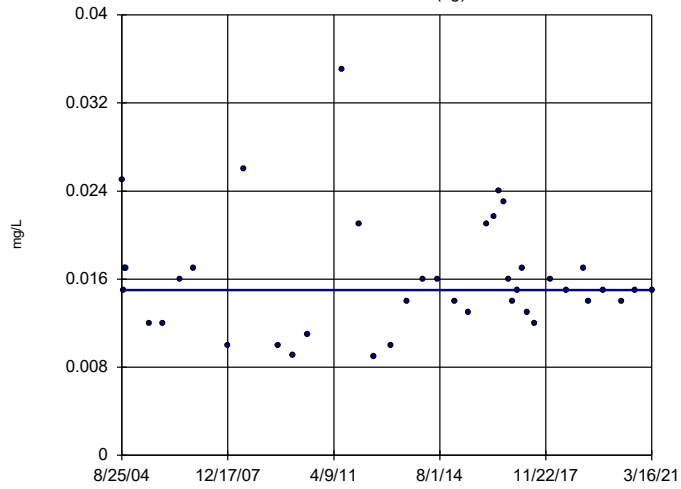
GWA-2 (bg)



n = 43
 Slope = 0.001402
 units per year.
 Mann-Kendall
 normal approx. =
 6.544
 critical = 2.58
 Increasing trend
 significant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: Barium Analysis Run 5/3/2021 10:01 AM View: Appendix I - Exceedances
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

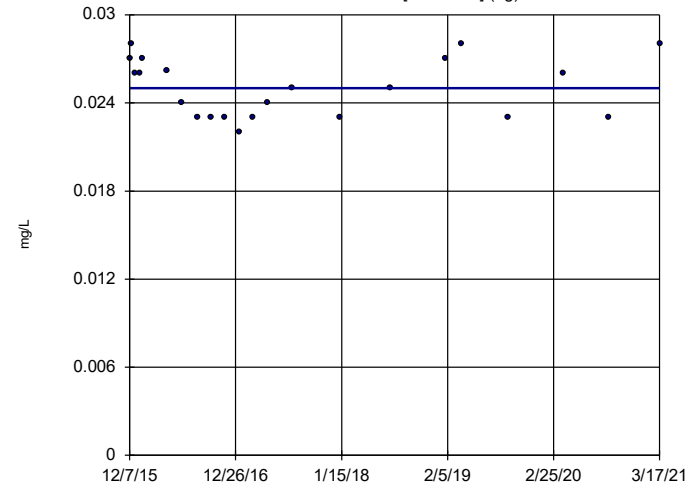
Sen's Slope Estimator GWA-3 (bg)



n = 40
 Slope = 0
 units per year.
 Mann-Kendall
 statistic = -13
 critical = -223
 Trend not sig-
 nificant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: Barium Analysis Run 5/3/2021 10:01 AM View: Appendix I - Exceedances
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

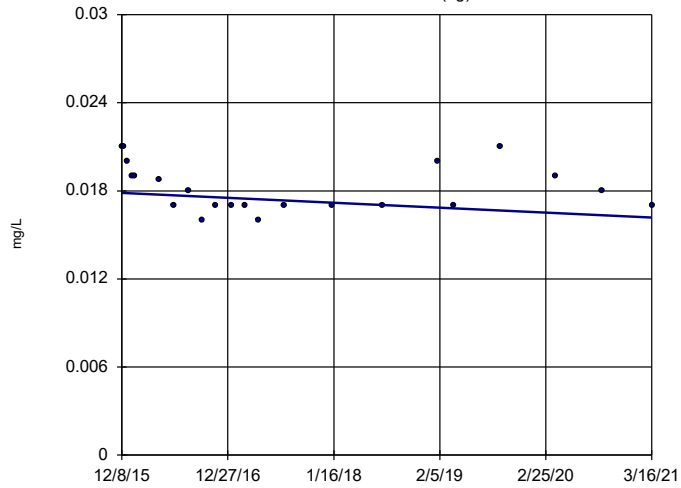
Sen's Slope Estimator GWC-15[*GWB-15] (bg)



n = 22
 Slope = 0
 units per year.
 Mann-Kendall
 statistic = -23
 critical = -92
 Trend not sig-
 nificant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: Barium Analysis Run 5/3/2021 10:01 AM View: Appendix I - Exceedances
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

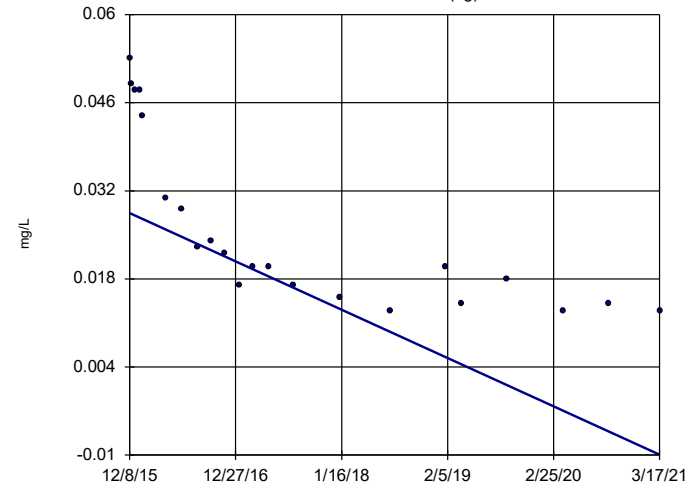
Sen's Slope Estimator GWC-17 (bg)



n = 22
 Slope = -0.0003179
 units per year.
 Mann-Kendall
 statistic = -56
 critical = -92
 Trend not sig-
 nificant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: Barium Analysis Run 5/3/2021 10:01 AM View: Appendix I - Exceedances
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sen's Slope Estimator GWC-18 (bg)

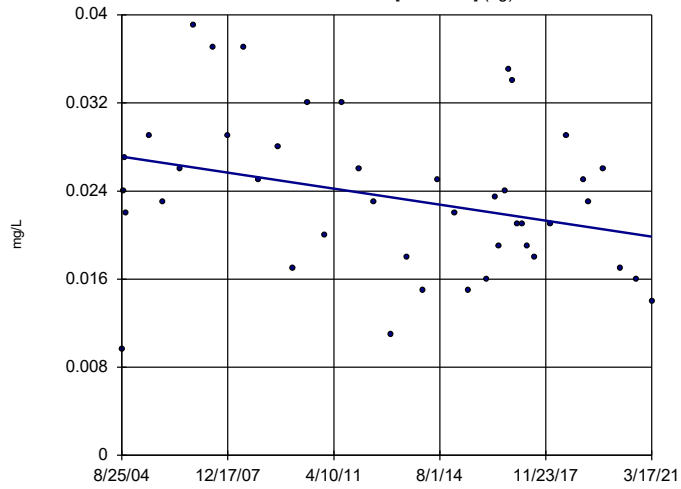


n = 22
 Slope = -0.007274
 units per year.
 Mann-Kendall
 statistic = -192
 critical = -92
 Decreasing trend
 significant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: Barium Analysis Run 5/3/2021 10:01 AM View: Appendix I - Exceedances
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sen's Slope Estimator

GWC-4A[*GWB-4A] (bg)

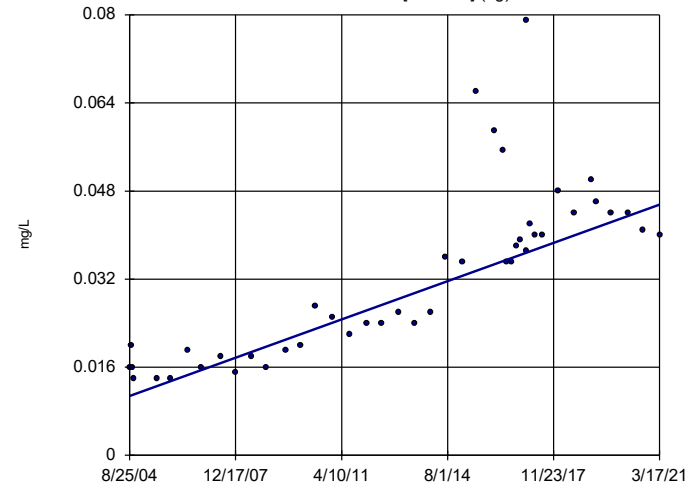


n = 43
 Slope = -0.0004375
 units per year.
 Mann-Kendall
 normal approx. =
 -1.97
 critical = -2.58
 Trend not sig-
 nificant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: Barium Analysis Run 5/3/2021 10:01 AM View: Appendix I - Exceedances
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sen's Slope Estimator

GWC-5[*GWB-5] (bg)

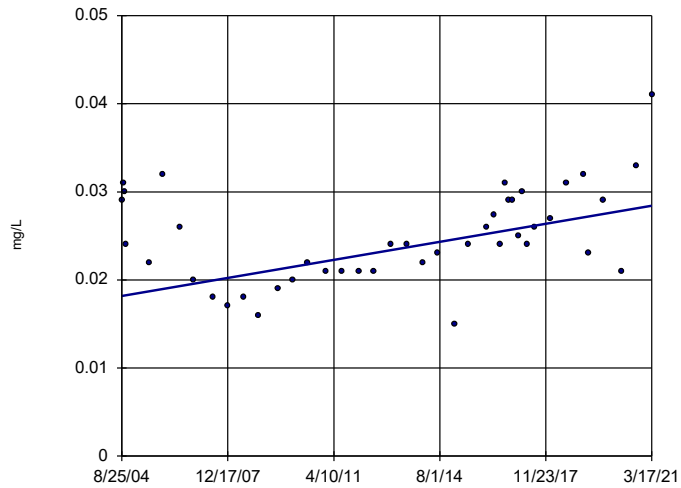


n = 44
 Slope = 0.002098
 units per year.
 Mann-Kendall
 normal approx. =
 6.625
 critical = 2.58
 Increasing trend
 significant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: Barium Analysis Run 5/3/2021 10:01 AM View: Appendix I - Exceedances
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sen's Slope Estimator

GWC-9

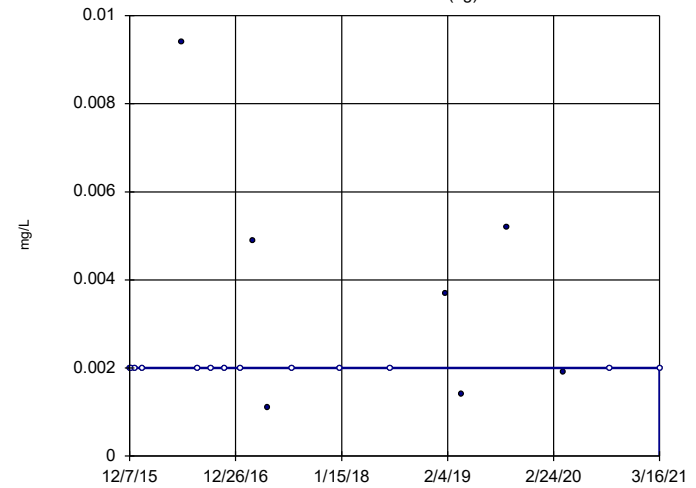


n = 43
 Slope = 0.0006186
 units per year.
 Mann-Kendall
 normal approx. =
 2.973
 critical = 2.58
 Increasing trend
 significant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

Constituent: Barium Analysis Run 5/3/2021 10:01 AM View: Appendix I - Exceedances
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sen's Slope Estimator

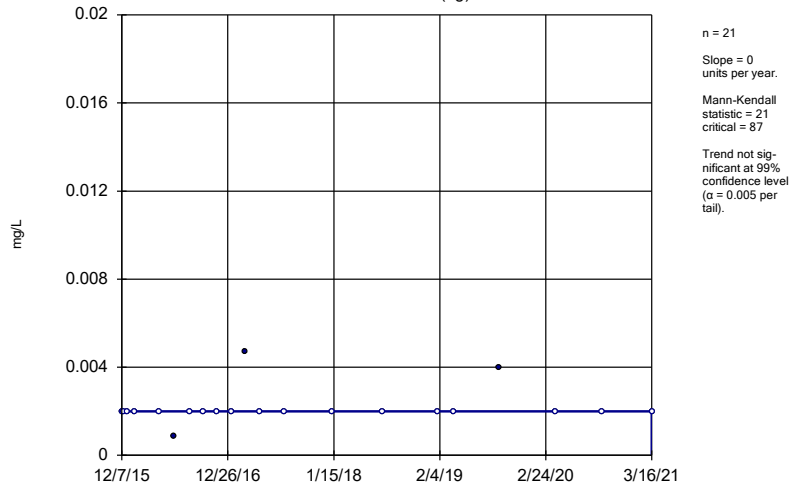
GWA-13 (bg)



n = 20
 Slope = 0
 units per year.
 Mann-Kendall
 statistic = -10
 critical = -81
 Trend not sig-
 nificant at 99%
 confidence level
 ($\alpha = 0.005$ per
 tail).

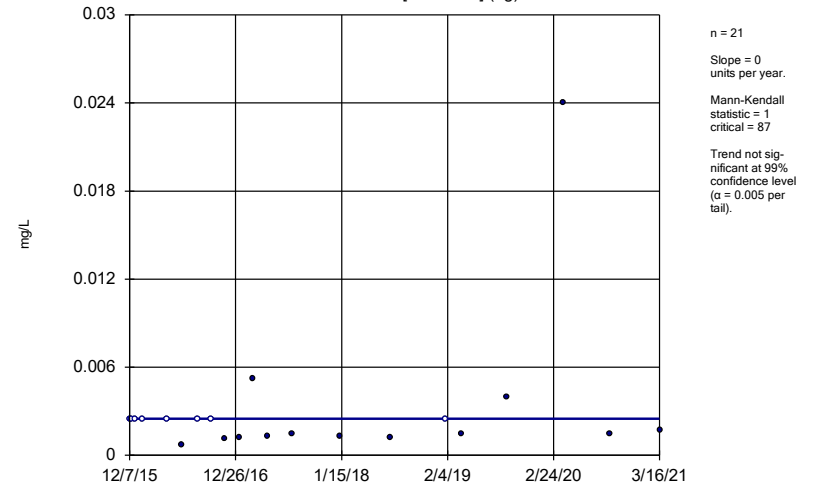
Constituent: Chromium Analysis Run 5/3/2021 10:01 AM View: Appendix I - Exceedances
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sen's Slope Estimator
GWA-14 (bg)



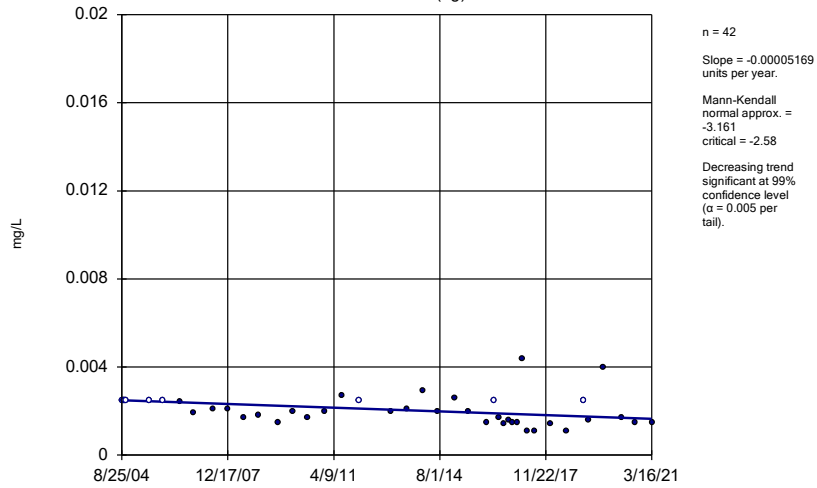
Constituent: Chromium Analysis Run 5/3/2021 10:01 AM View: Appendix I - Exceedances
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sen's Slope Estimator
GWA-16[*GWB-16] (bg)



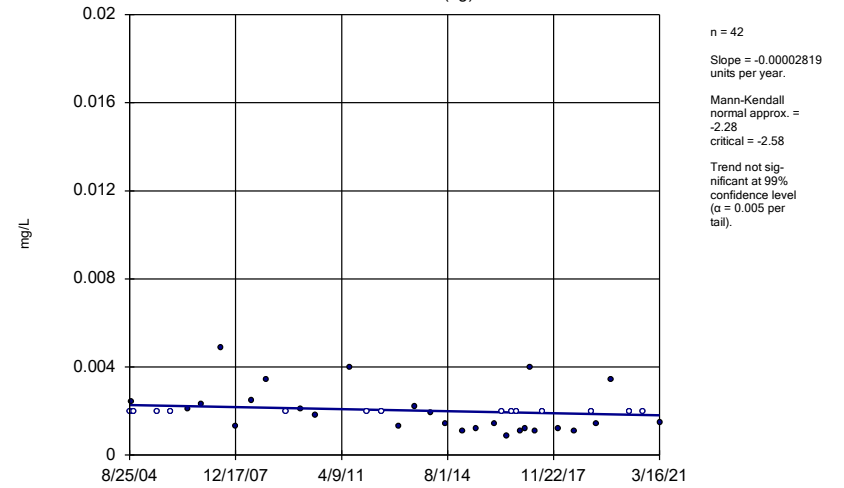
Constituent: Chromium Analysis Run 5/3/2021 10:01 AM View: Appendix I - Exceedances
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sen's Slope Estimator
GWA-2 (bg)



Constituent: Chromium Analysis Run 5/3/2021 10:01 AM View: Appendix I - Exceedances
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

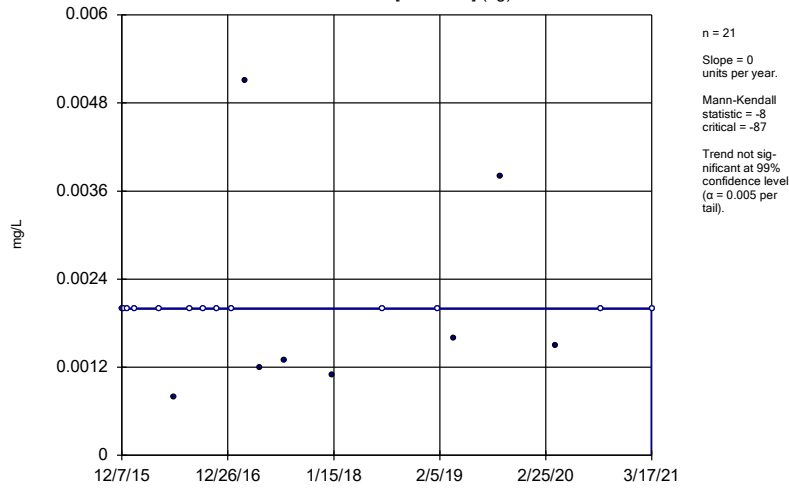
Sen's Slope Estimator
GWA-3 (bg)



Constituent: Chromium Analysis Run 5/3/2021 10:01 AM View: Appendix I - Exceedances
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sen's Slope Estimator

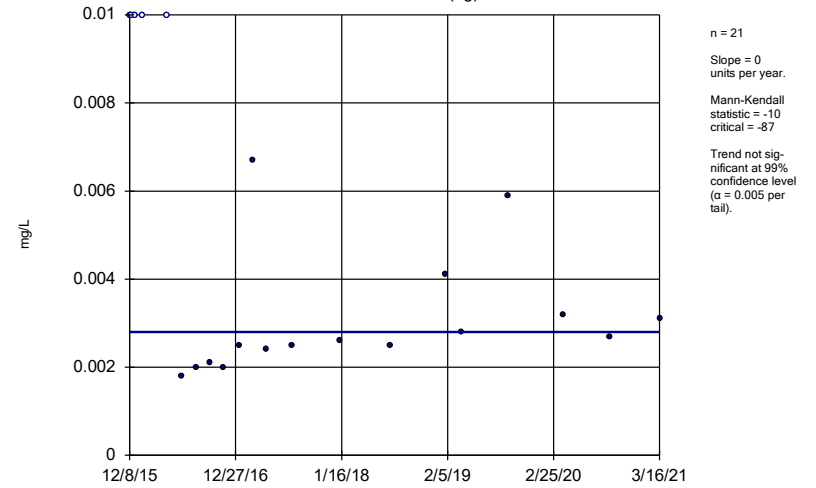
GWC-15[*GWB-15] (bg)



Constituent: Chromium Analysis Run 5/3/2021 10:01 AM View: Appendix I - Exceedances
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sen's Slope Estimator

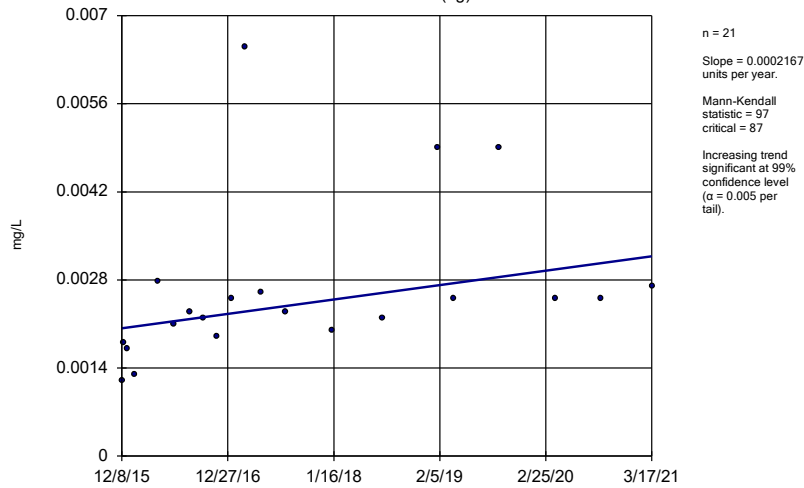
GWC-17 (bg)



Constituent: Chromium Analysis Run 5/3/2021 10:01 AM View: Appendix I - Exceedances
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sen's Slope Estimator

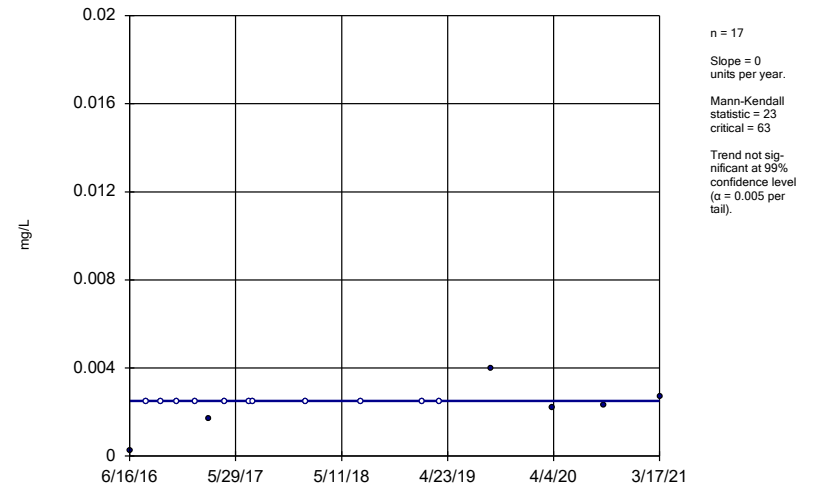
GWC-18 (bg)



Constituent: Chromium Analysis Run 5/3/2021 10:01 AM View: Appendix I - Exceedances
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

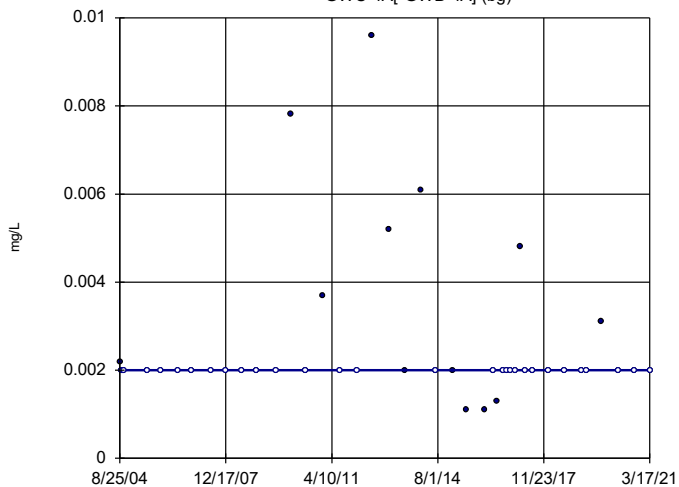
Sen's Slope Estimator

GWC-23



Constituent: Chromium Analysis Run 5/3/2021 10:01 AM View: Appendix I - Exceedances
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

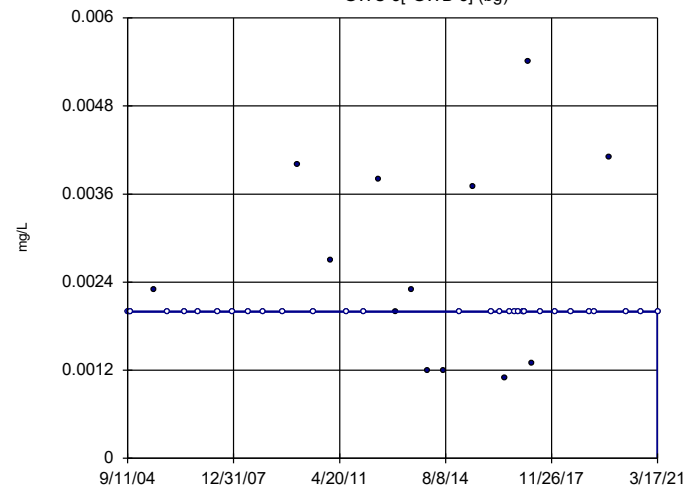
Sen's Slope Estimator GWC-4A[*GWB-4A] (bg)



n = 43
Slope = 0
units per year.
Mann-Kendall
normal approx. =
-0.4796
critical = -2.58
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Chromium Analysis Run 5/3/2021 10:01 AM View: Appendix I - Exceedances
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sen's Slope Estimator GWC-5[*GWB-5] (bg)



n = 44
Slope = 0
units per year.
Mann-Kendall
normal approx. =
-0.3236
critical = -2.58
Trend not sig-
nificant at 99%
confidence level
($\alpha = 0.005$ per
tail).

Constituent: Chromium Analysis Run 5/3/2021 10:01 AM View: Appendix I - Exceedances
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

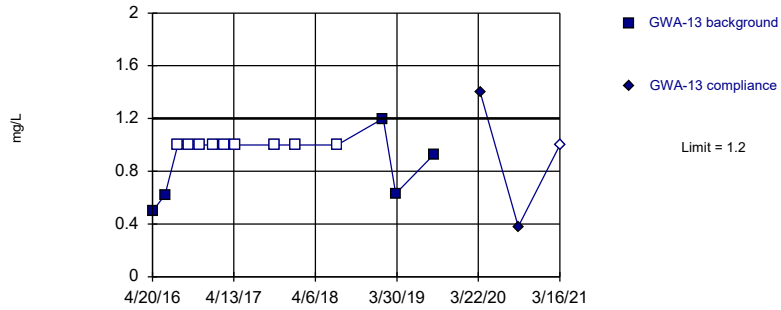
FIGURE G.

Appendix III Intrawell Prediction Limit - All Results (No Significant)

Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR Printed 4/28/2021, 4:46 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Sulfate (mg/L)	GWA-13	1.2	n/a	3/16/2021	1ND	No	14	n/a	64.29	n/a	n/a	0.008612	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWA-14	6.271	n/a	3/16/2021	1ND	No	14	0.2915	21.43	Kaplan-Meier	x^(1/3)	0.0008358	Param Intra 1 of 2
Sulfate (mg/L)	GWA-16[*GWB-16]	1	n/a	3/16/2021	1ND	No	14	n/a	71.43	n/a	n/a	0.008612	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWA-2	1.685	n/a	3/16/2021	1ND	No	14	0.2566	50	Kaplan-Meier	ln(x)	0.0008358	Param Intra 1 of 2
Sulfate (mg/L)	GWA-3	1.256	n/a	3/16/2021	1ND	No	14	0.1443	42.86	Kaplan-Meier	No	0.0008358	Param Intra 1 of 2
Sulfate (mg/L)	GWC-1	2.516	n/a	3/16/2021	1.6	No	14	0.4296	0	None	No	0.0008358	Param Intra 1 of 2
Sulfate (mg/L)	GWC-10	6.13	n/a	3/16/2021	2.4	No	14	1.048	0	None	No	0.0008358	Param Intra 1 of 2
Sulfate (mg/L)	GWC-11	6.226	n/a	3/17/2021	5.6	No	14	0.6784	0	None	No	0.0008358	Param Intra 1 of 2
Sulfate (mg/L)	GWC-12	1	n/a	3/16/2021	1ND	No	14	n/a	64.29	n/a	n/a	0.008612	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-15[*GWB-15]	1.2	n/a	3/17/2021	1ND	No	14	n/a	64.29	n/a	n/a	0.008612	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-17	2.718	n/a	3/16/2021	1ND	No	14	0.2368	35.71	Kaplan-Meier	sqrt(x)	0.0008358	Param Intra 1 of 2
Sulfate (mg/L)	GWC-18	5.927	n/a	3/17/2021	3.5	No	14	0.4701	0	None	No	0.0008358	Param Intra 1 of 2
Sulfate (mg/L)	GWC-19	3.003	n/a	3/16/2021	1.9	No	14	0.4348	0	None	No	0.0008358	Param Intra 1 of 2
Sulfate (mg/L)	GWC-20	5.519	n/a	3/16/2021	0.98J	No	14	0.4024	0	None	sqrt(x)	0.0008358	Param Intra 1 of 2
Sulfate (mg/L)	GWC-21	1.925	n/a	3/17/2021	1ND	No	14	0.3353	14.29	None	No	0.0008358	Param Intra 1 of 2
Sulfate (mg/L)	GWC-23	3.792	n/a	3/17/2021	1.8	No	13	0.485	0	None	No	0.0008358	Param Intra 1 of 2
Sulfate (mg/L)	GWC-4A[*GWB-4A]	14.53	n/a	3/17/2021	3.5	No	14	2.873	0	None	No	0.0008358	Param Intra 1 of 2
Sulfate (mg/L)	GWC-5[*GWB-5]	1	n/a	3/17/2021	1ND	No	14	n/a	71.43	n/a	n/a	0.008612	NP Intra (NDs) 1 of 2
Sulfate (mg/L)	GWC-9	4.571	n/a	3/17/2021	1ND	No	14	0.2332	28.57	Kaplan-Meier	x^(1/3)	0.0008358	Param Intra 1 of 2

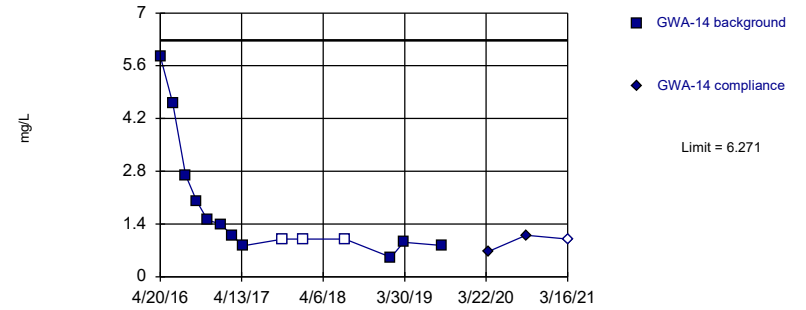
Prediction Limit
 Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 14 background values. 64.29% NDs. Well-constituent pair annual alpha = 0.01715. Individual comparison alpha = 0.008612 (1 of 2).

Constituent: Sulfate Analysis Run 4/28/2021 4:38 PM View: Appendix III
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

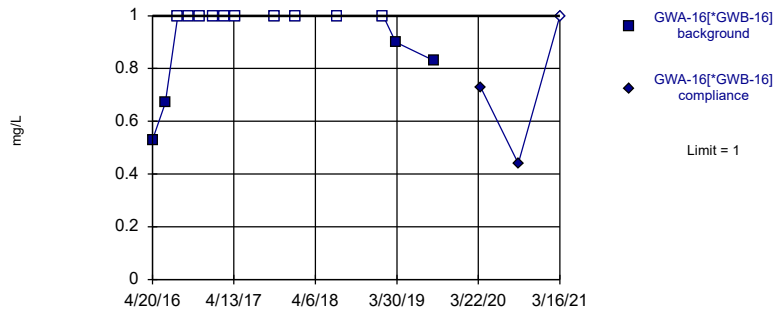
Prediction Limit
 Intrawell Parametric



Background Data Summary (based on cube root transformation) (after Kaplan-Meier Adjustment): Mean=1.129, Std. Dev.=0.2915, n=14, 21.43% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8437, critical = 0.825. Kappa = 2.453 (c=7, w=9, 1 of 2, event alpha = 0.05132). Report alpha = 0.0008358.

Constituent: Sulfate Analysis Run 4/28/2021 4:38 PM View: Appendix III
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

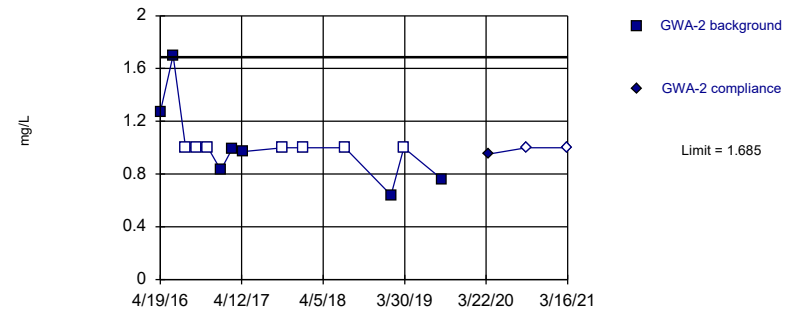
Prediction Limit
 Intrawell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 14 background values. 71.43% NDs. Well-constituent pair annual alpha = 0.01715. Individual comparison alpha = 0.008612 (1 of 2).

Constituent: Sulfate Analysis Run 4/28/2021 4:38 PM View: Appendix III
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Prediction Limit
 Intrawell Parametric

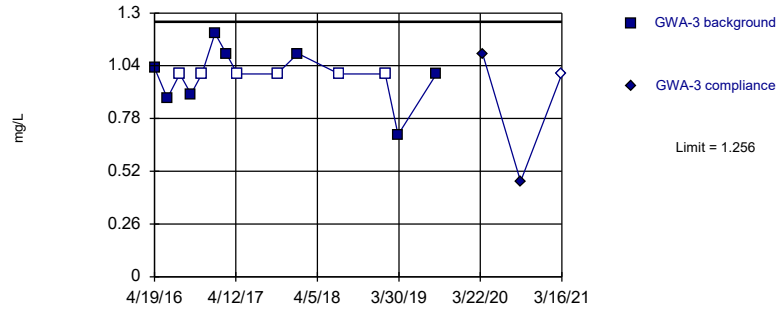


Background Data Summary (based on natural log transformation) (after Kaplan-Meier Adjustment): Mean=-0.1075, Std. Dev.=0.2566, n=14, 50% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8375, critical = 0.825. Kappa = 2.453 (c=7, w=9, 1 of 2, event alpha = 0.05132). Report alpha = 0.0008358.

Constituent: Sulfate Analysis Run 4/28/2021 4:38 PM View: Appendix III
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
 Hollow symbols indicate censored values.
 Within Limit

Prediction Limit
 Intrawell Parametric

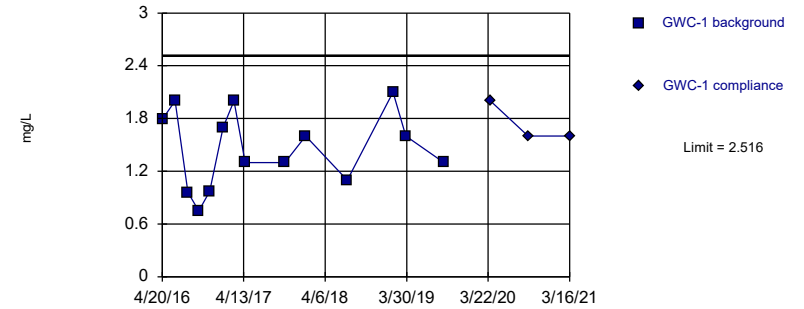


Background Data Summary (after Kaplan-Meier Adjustment): Mean=0.9022, Std. Dev.=0.1443, n=14, 42.86% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8712, critical = 0.825. Kappa = 2.453 (c=7, w=9, 1 of 2, event alpha = 0.05132). Report alpha = 0.0008358.

Constituent: Sulfate Analysis Run 4/28/2021 4:38 PM View: Appendix III
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
 Within Limit

Prediction Limit
 Intrawell Parametric

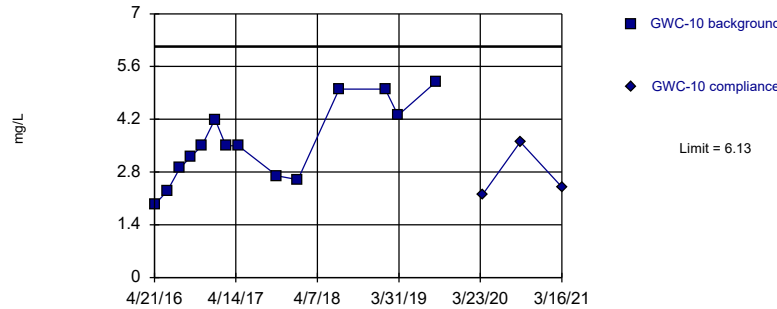


Background Data Summary: Mean=1.462, Std. Dev.=0.4296, n=14. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9508, critical = 0.825. Kappa = 2.453 (c=7, w=9, 1 of 2, event alpha = 0.05132). Report alpha = 0.0008358.

Constituent: Sulfate Analysis Run 4/28/2021 4:38 PM View: Appendix III
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
 Within Limit

Prediction Limit
 Intrawell Parametric

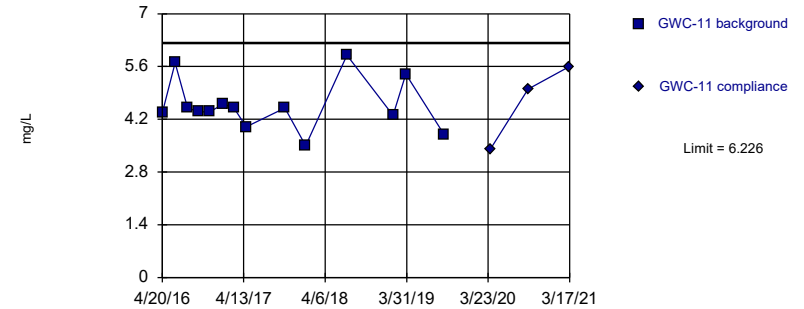


Background Data Summary: Mean=3.559, Std. Dev.=1.048, n=14. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9459, critical = 0.825. Kappa = 2.453 (c=7, w=9, 1 of 2, event alpha = 0.05132). Report alpha = 0.0008358.

Constituent: Sulfate Analysis Run 4/28/2021 4:38 PM View: Appendix III
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
 Within Limit

Prediction Limit
 Intrawell Parametric

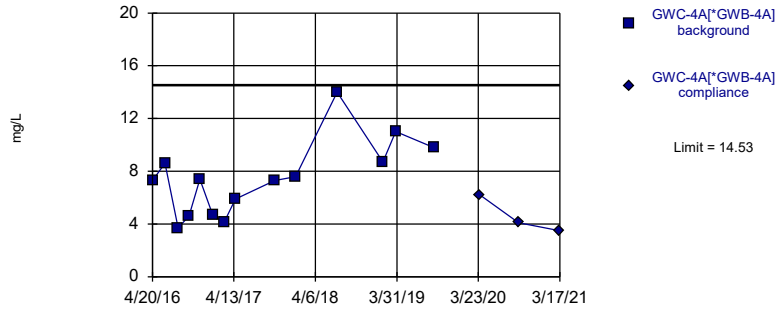


Background Data Summary: Mean=4.562, Std. Dev.=0.6784, n=14. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.8957, critical = 0.825. Kappa = 2.453 (c=7, w=9, 1 of 2, event alpha = 0.05132). Report alpha = 0.0008358.

Constituent: Sulfate Analysis Run 4/28/2021 4:38 PM View: Appendix III
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Within Limit

Prediction Limit
Intrawell Parametric



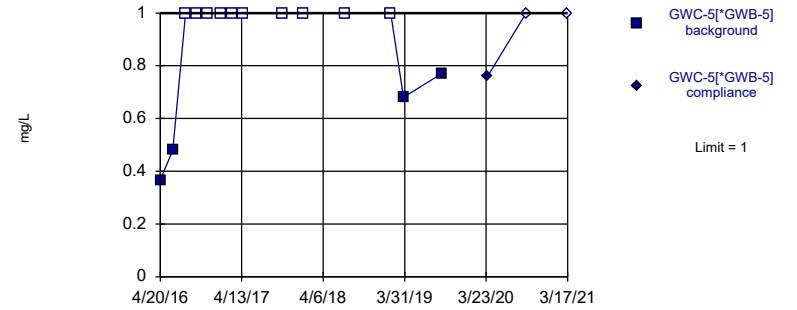
Background Data Summary: Mean=7.479, Std. Dev.=2.873, n=14. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9422, critical = 0.825. Kappa = 2.453 (c=7, w=9, 1 of 2, event alpha = 0.05132). Report alpha = 0.0008358.

Constituent: Sulfate Analysis Run 4/28/2021 4:38 PM View: Appendix III
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Non-parametric



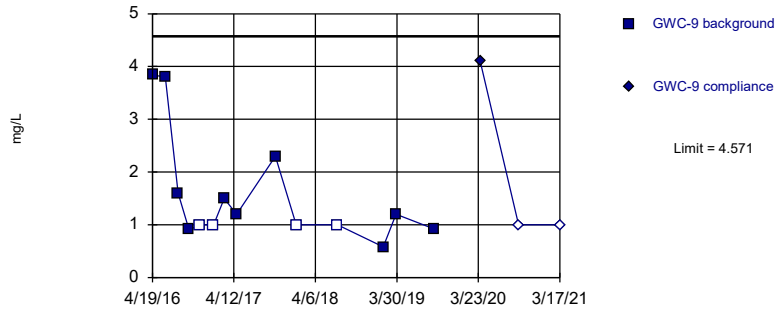
Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 14 background values. 71.43% NDs. Well-constituent pair annual alpha = 0.01715. Individual comparison alpha = 0.008612 (1 of 2).

Constituent: Sulfate Analysis Run 4/28/2021 4:38 PM View: Appendix III
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Hollow symbols indicate censored values.

Within Limit

Prediction Limit
Intrawell Parametric



Background Data Summary (based on cube root transformation) (after Kaplan-Meier Adjustment): Mean=1.088, Std. Dev.=0.2332, n=14, 28.57% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.829, critical = 0.825. Kappa = 2.453 (c=7, w=9, 1 of 2, event alpha = 0.05132). Report alpha = 0.0008358.

Constituent: Sulfate Analysis Run 4/28/2021 4:38 PM View: Appendix III
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Prediction Limit

Constituent: Sulfate Analysis Run 4/28/2021 4:46 PM View: Appendix III

Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWA-13	GWA-13	GWA-14	GWA-14	GWA-16[*GWB-16]	GWA-16[*GWB-16]	GWA-2	GWA-2
4/19/2016							1.27	
4/20/2016	0.496 (J)		5.85		0.53 (J)			
6/14/2016	0.62 (J)		4.6				1.7	
6/15/2016					0.67 (J)			
8/9/2016	<1		2.7		<1		<1	
9/26/2016							<1	
9/27/2016	<1		2		<1			
11/15/2016	<1		1.5		<1		<1	
1/10/2017							0.83 (J)	
1/11/2017			1.4		<1			
1/12/2017	<1							
2/28/2017	<1		1.1				0.99 (J)	
3/1/2017					<1			
4/19/2017							0.97 (J)	
4/20/2017	<1		0.82 (J)		<1			
10/10/2017							<1	
10/11/2017	<1		<1		<1			
1/10/2018	<1						<1	
1/11/2018			<1		<1			
7/11/2018	<1		<1		<1		<1	
1/29/2019	1.2		0.52 (J)		<1		0.64 (J)	
3/26/2019	0.63		0.92		0.9			
3/27/2019							<1	
9/10/2019	0.93 (J)		0.83 (J)		0.83 (J)			
9/11/2019							0.76 (J)	
3/31/2020		1.4						
4/1/2020				0.67 (J)		0.73 (J)		0.95 (J)
9/15/2020		0.38 (J)		1.1		0.44 (J)		<1
3/16/2021		<1		<1		<1		<1

Prediction Limit

Constituent: Sulfate Analysis Run 4/28/2021 4:46 PM View: Appendix III

Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-12	GWC-12	GWC-15[*GWB-15]	GWC-15[*GWB-15]	GWC-17	GWC-17	GWC-18	GWC-18
4/19/2016							4.84	
4/20/2016	0.601 (J)				2.93			
4/21/2016			0.503 (J)					
6/15/2016	0.8 (J)		0.62 (J)		1.8			
8/9/2016			<1		1.6			
8/10/2016	<1							
8/11/2016							5	
9/27/2016	<1		<1		1.5			
9/28/2016							5.1	
11/15/2016	<1		<1		1.3			
11/16/2016							4.9	
1/11/2017			<1		1.1		5.2	
1/12/2017	<1							
2/28/2017			<1					
3/1/2017	<1				1.3		4.6	
4/20/2017	<1		<1		0.77 (J)			
4/25/2017							4.6	
10/11/2017			<1		<1			
10/12/2017	<1						4	
12/13/2017							4	
1/11/2018	<1		<1		<1			
1/12/2018							4.5	
7/11/2018			<1		<1		5	
7/12/2018	<1							
1/29/2019			0.43 (J)		<1			
1/30/2019	0.65 (J)						5.8	
3/26/2019			0.79					
3/27/2019	0.67				<1		4.8	
9/11/2019	1		1.2		0.85 (J)		4.5	
4/1/2020		0.91 (J)		0.49 (J)		<1		4.1
9/15/2020				0.44 (J)		<1		2.7
9/16/2020		0.53 (J)						
3/16/2021		<1				<1		
3/17/2021				<1				3.5

Prediction Limit

Constituent: Sulfate Analysis Run 4/28/2021 4:46 PM View: Appendix III

Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-19	GWC-19	GWC-20	GWC-20	GWC-21	GWC-21	GWC-23	GWC-23
4/19/2016	2.21							
4/21/2016			5.25		1.99			
6/16/2016	2.5		3.9		1.6			
8/10/2016	2.7		2.8		1.1		3.1	
9/27/2016			2.6		1.1			
9/28/2016	2.5						3.1	
11/15/2016	2.2		1.9		1			
11/16/2016							3.2	
1/12/2017					1.2			
1/13/2017			1.8					
1/16/2017	2.1							
1/17/2017							2.6	
3/1/2017	1.9		1.7		1.2			
3/2/2017							3.3	
4/24/2017					0.95 (J)			
4/25/2017	1.6		1.3				2.4	
7/13/2017							2.1	
10/12/2017	1.7		1.1		0.72 (J)		2.1	
1/11/2018					<1			
1/12/2018	1.5		0.86 (J)				1.9	
7/11/2018	1.4		0.9 (J)		<1			
7/12/2018							2	
1/29/2019	1.4		1.3					
1/30/2019					0.72 (J)		2.4	
3/27/2019	1.6		1.7		0.92		2.8	
9/11/2019	1.8		0.97 (J)		0.94 (J)		2.5	
4/1/2020		2.1		1.6		0.81 (J)		2
9/15/2020				0.67 (J)		0.56 (J)		1.9
9/16/2020		1.6						
3/16/2021		1.9		0.98 (J)				
3/17/2021						<1		1.8

Prediction Limit

Constituent: Sulfate Analysis Run 4/28/2021 4:46 PM View: Appendix III

Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-4A[*GWB-4A]	GWC-4A[*GWB-4A]	GWC-5[*GWB-5]	GWC-5[*GWB-5]	GWC-9	GWC-9
4/19/2016					3.84	
4/20/2016	7.31		0.367 (J)			
6/14/2016	8.6		0.48 (J)			
6/15/2016					3.8	
8/9/2016			<1			
8/10/2016					1.6	
8/11/2016	3.7					
9/27/2016	4.6		<1		0.91 (J)	
11/14/2016	7.4					
11/15/2016			<1		<1	
1/10/2017	4.7					
1/11/2017			<1			
1/13/2017					<1	
2/28/2017	4.1		<1			
3/1/2017					1.5	
4/20/2017	5.9		<1			
4/24/2017					1.2	
10/10/2017	7.3					
10/11/2017			<1			
10/12/2017					2.3	
1/10/2018	7.6		<1			
1/12/2018					<1	
7/11/2018	14		<1			
7/12/2018					<1	
1/29/2019	8.7		<1			
1/30/2019					0.58 (J)	
3/26/2019	11		0.68			
3/27/2019					1.2	
9/10/2019	9.8		0.77 (J)			
9/11/2019					0.92 (J)	
3/31/2020		6.2		0.76 (J)		
4/1/2020						4.1
9/15/2020				<1		
9/16/2020		4.1				<1
3/17/2021		3.5		<1		<1

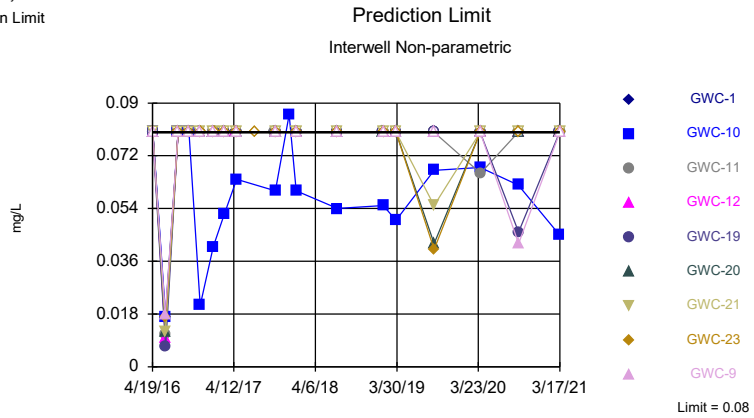
FIGURE H.

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

Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR Printed 4/28/2021, 4:34 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bq N	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron (mg/L)	GWC-1	0.08	n/a	3/16/2021	0.08ND	No	170	n/a	90	n/a	n/a	0.00006849	NP Inter (NDs) 1 of 2
Boron (mg/L)	GWC-10	0.08	n/a	3/16/2021	0.045J	No	170	n/a	90	n/a	n/a	0.00006849	NP Inter (NDs) 1 of 2
Boron (mg/L)	GWC-11	0.08	n/a	3/17/2021	0.08ND	No	170	n/a	90	n/a	n/a	0.00006849	NP Inter (NDs) 1 of 2
Boron (mg/L)	GWC-12	0.08	n/a	3/16/2021	0.08ND	No	170	n/a	90	n/a	n/a	0.00006849	NP Inter (NDs) 1 of 2
Boron (mg/L)	GWC-19	0.08	n/a	3/16/2021	0.08ND	No	170	n/a	90	n/a	n/a	0.00006849	NP Inter (NDs) 1 of 2
Boron (mg/L)	GWC-20	0.08	n/a	3/16/2021	0.08ND	No	170	n/a	90	n/a	n/a	0.00006849	NP Inter (NDs) 1 of 2
Boron (mg/L)	GWC-21	0.08	n/a	3/17/2021	0.08ND	No	170	n/a	90	n/a	n/a	0.00006849	NP Inter (NDs) 1 of 2
Boron (mg/L)	GWC-23	0.08	n/a	3/17/2021	0.08ND	No	170	n/a	90	n/a	n/a	0.00006849	NP Inter (NDs) 1 of 2
Boron (mg/L)	GWC-9	0.08	n/a	3/17/2021	0.08ND	No	170	n/a	90	n/a	n/a	0.00006849	NP Inter (NDs) 1 of 2
Calcium (mg/L)	GWC-1	33.2	n/a	3/16/2021	1.6	No	171	n/a	0	n/a	n/a	0.0000677	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-10	33.2	n/a	3/16/2021	18	No	171	n/a	0	n/a	n/a	0.0000677	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-11	33.2	n/a	3/17/2021	14	No	171	n/a	0	n/a	n/a	0.0000677	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-12	33.2	n/a	3/16/2021	0.62	No	171	n/a	0	n/a	n/a	0.0000677	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-19	33.2	n/a	3/16/2021	7	No	171	n/a	0	n/a	n/a	0.0000677	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-20	33.2	n/a	3/16/2021	1.4	No	171	n/a	0	n/a	n/a	0.0000677	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-21	33.2	n/a	3/17/2021	1.1	No	171	n/a	0	n/a	n/a	0.0000677	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-23	33.2	n/a	3/17/2021	0.99	No	171	n/a	0	n/a	n/a	0.0000677	NP Inter (normality) 1 of 2
Calcium (mg/L)	GWC-9	33.2	n/a	3/17/2021	0.51	No	171	n/a	0	n/a	n/a	0.0000677	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-1	18	n/a	3/16/2021	5.8	No	170	n/a	0	n/a	n/a	0.00006849	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-10	18	n/a	3/16/2021	7.2	No	170	n/a	0	n/a	n/a	0.00006849	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-11	18	n/a	3/17/2021	4.6	No	170	n/a	0	n/a	n/a	0.00006849	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-12	18	n/a	3/16/2021	3.8	No	170	n/a	0	n/a	n/a	0.00006849	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-19	18	n/a	3/16/2021	6.5	No	170	n/a	0	n/a	n/a	0.00006849	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-20	18	n/a	3/16/2021	8	No	170	n/a	0	n/a	n/a	0.00006849	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-21	18	n/a	3/17/2021	6.7	No	170	n/a	0	n/a	n/a	0.00006849	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-23	18	n/a	3/17/2021	5.5	No	170	n/a	0	n/a	n/a	0.00006849	NP Inter (normality) 1 of 2
Chloride (mg/L)	GWC-9	18	n/a	3/17/2021	9.5	No	170	n/a	0	n/a	n/a	0.00006849	NP Inter (normality) 1 of 2
Fluoride (mg/L)	GWC-1	0.74	n/a	3/16/2021	0.1ND	No	171	n/a	64.91	n/a	n/a	0.0000677	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	GWC-10	0.74	n/a	3/16/2021	0.18	No	171	n/a	64.91	n/a	n/a	0.0000677	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	GWC-11	0.74	n/a	3/17/2021	0.28	No	171	n/a	64.91	n/a	n/a	0.0000677	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	GWC-12	0.74	n/a	3/16/2021	0.1ND	No	171	n/a	64.91	n/a	n/a	0.0000677	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	GWC-19	0.74	n/a	3/16/2021	0.092J	No	171	n/a	64.91	n/a	n/a	0.0000677	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	GWC-20	0.74	n/a	3/16/2021	0.04J	No	171	n/a	64.91	n/a	n/a	0.0000677	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	GWC-21	0.74	n/a	3/17/2021	0.1ND	No	171	n/a	64.91	n/a	n/a	0.0000677	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	GWC-23	0.74	n/a	3/17/2021	0.1ND	No	171	n/a	64.91	n/a	n/a	0.0000677	NP Inter (NDs) 1 of 2
Fluoride (mg/L)	GWC-9	0.74	n/a	3/17/2021	0.035J	No	171	n/a	64.91	n/a	n/a	0.0000677	NP Inter (NDs) 1 of 2
pH (S.U.)	GWC-1	7.1	4.21	3/16/2021	4.89	No	190	n/a	0	n/a	n/a	0.0001097	NP Inter (normality) 1 of 2
pH (S.U.)	GWC-10	7.1	4.21	3/16/2021	6.48	No	190	n/a	0	n/a	n/a	0.0001097	NP Inter (normality) 1 of 2
pH (S.U.)	GWC-11	7.1	4.21	3/17/2021	6.58	No	190	n/a	0	n/a	n/a	0.0001097	NP Inter (normality) 1 of 2
pH (S.U.)	GWC-12	7.1	4.21	3/16/2021	4.97	No	190	n/a	0	n/a	n/a	0.0001097	NP Inter (normality) 1 of 2
pH (S.U.)	GWC-19	7.1	4.21	3/16/2021	5.45	No	190	n/a	0	n/a	n/a	0.0001097	NP Inter (normality) 1 of 2
pH (S.U.)	GWC-20	7.1	4.21	3/16/2021	4.78	No	190	n/a	0	n/a	n/a	0.0001097	NP Inter (normality) 1 of 2
pH (S.U.)	GWC-21	7.1	4.21	3/17/2021	4.8	No	190	n/a	0	n/a	n/a	0.0001097	NP Inter (normality) 1 of 2
pH (S.U.)	GWC-23	7.1	4.21	3/17/2021	4.97	No	190	n/a	0	n/a	n/a	0.0001097	NP Inter (normality) 1 of 2
pH (S.U.)	GWC-9	7.1	4.21	3/17/2021	4.69	No	190	n/a	0	n/a	n/a	0.0001097	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	GWC-1	150	n/a	3/16/2021	29	No	170	n/a	11.76	n/a	n/a	0.00006849	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	GWC-10	150	n/a	3/16/2021	130	No	170	n/a	11.76	n/a	n/a	0.00006849	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	GWC-11	150	n/a	3/17/2021	81	No	170	n/a	11.76	n/a	n/a	0.00006849	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	GWC-12	150	n/a	3/16/2021	19	No	170	n/a	11.76	n/a	n/a	0.00006849	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	GWC-19	150	n/a	3/16/2021	65	No	170	n/a	11.76	n/a	n/a	0.00006849	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	GWC-20	150	n/a	3/16/2021	37	No	170	n/a	11.76	n/a	n/a	0.00006849	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	GWC-21	150	n/a	3/17/2021	24	No	170	n/a	11.76	n/a	n/a	0.00006849	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	GWC-23	150	n/a	3/17/2021	24	No	170	n/a	11.76	n/a	n/a	0.00006849	NP Inter (normality) 1 of 2
Total Dissolved Solids (mg/L)	GWC-9	150	n/a	3/17/2021	40	No	170	n/a	11.76	n/a	n/a	0.00006849	NP Inter (normality) 1 of 2

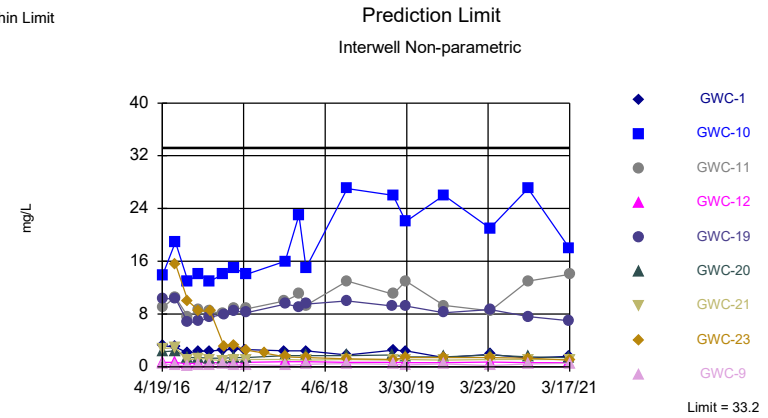
Sanitas™ v.9.6.28 . UG
Hollow symbols indicate censored values.
Within Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 170 background values. 90% NDs. Annual per-constituent alpha = 0.001232. Individual comparison alpha = 0.00006849 (1 of 2). Comparing 9 points to limit.

Constituent: Boron Analysis Run 4/28/2021 4:31 PM View: Appendix III
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

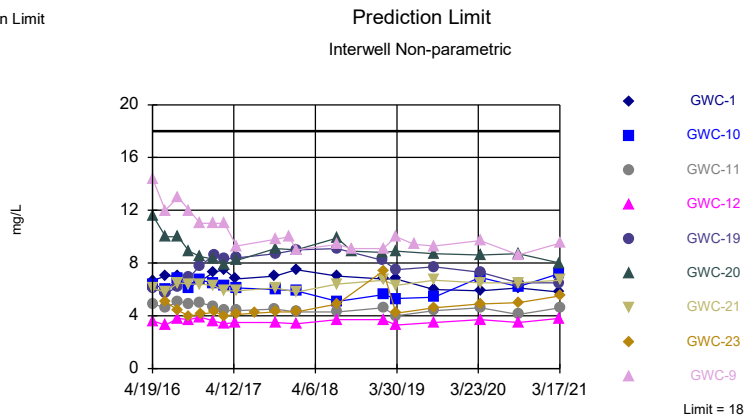
Sanitas™ v.9.6.28 . UG
Within Limit



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 171 background values. Annual per-constituent alpha = 0.001218. Individual comparison alpha = 0.0000677 (1 of 2). Comparing 9 points to limit.

Constituent: Calcium Analysis Run 4/28/2021 4:31 PM View: Appendix III
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

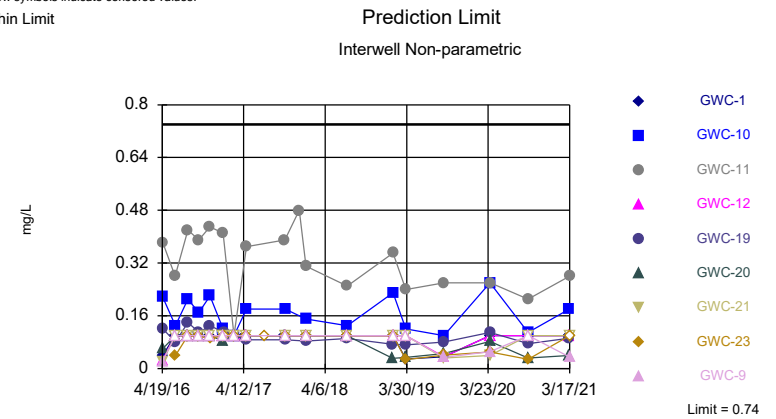
Sanitas™ v.9.6.28 . UG
Within Limit



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 170 background values. Annual per-constituent alpha = 0.001232. Individual comparison alpha = 0.00006849 (1 of 2). Comparing 9 points to limit.

Constituent: Chloride Analysis Run 4/28/2021 4:31 PM View: Appendix III
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Sanitas™ v.9.6.28 . UG
Within Limit

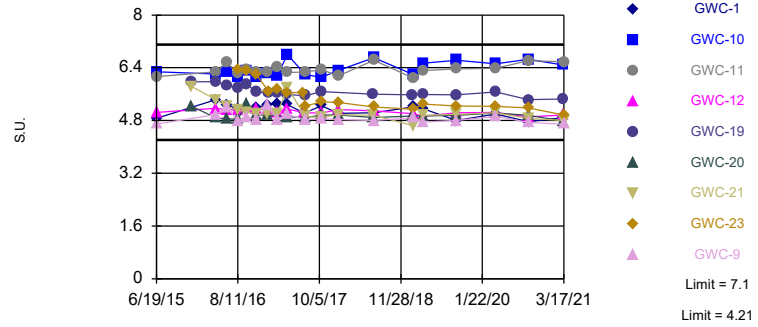


Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 171 background values. 64.91% NDs. Annual per-constituent alpha = 0.001218. Individual comparison alpha = 0.0000677 (1 of 2). Comparing 9 points to limit.

Constituent: Fluoride Analysis Run 4/28/2021 4:31 PM View: Appendix III
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Within Limits

Prediction Limit Interwell Non-parametric



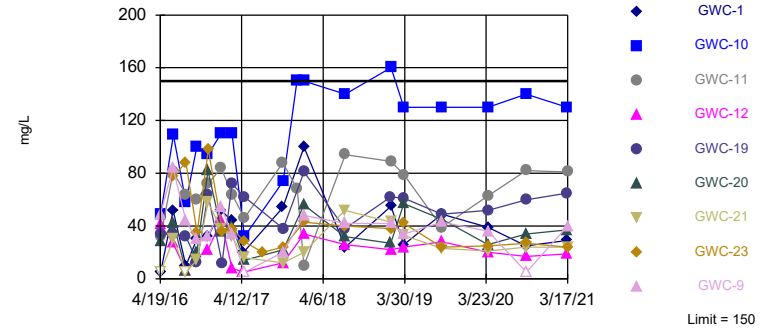
Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 190 background values. Annual per-constituent alpha = 0.001974. Individual comparison alpha = 0.0001097 (1 of 2). Comparing 9 points to limit.

Constituent: pH Analysis Run 4/28/2021 4:31 PM View: Appendix III
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

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 170 background values. 11.76% NDs. Annual per-constituent alpha = 0.001232. Individual comparison alpha = 0.00006849 (1 of 2). Comparing 9 points to limit.

Constituent: Total Dissolved Solids Analysis Run 4/28/2021 4:31 PM View: Appendix III
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 4/28/2021 4:34 PM View: Appendix III

Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWA-3 (bg)	GWC-18 (bg)	GWC-19	GWA-2 (bg)	GWC-9	GWC-11	GWC-17 (bg)	GWC-1	GWC-4A[*]GWB-4...
4/19/2016	<0.08	<0.08	<0.08	<0.08	<0.08				
4/20/2016						<0.08	<0.08	<0.08	<0.08
4/21/2016									
6/14/2016	0.0077 (J)			0.012 (J)					0.01 (J)
6/15/2016					0.018 (J)	0.011 (J)	0.0095 (J)	0.017 (J)	
6/16/2016		0.011 (J)	0.0069 (J)						
8/9/2016	<0.08			<0.08			<0.08		
8/10/2016			<0.08		<0.08	<0.08		<0.08	
8/11/2016		<0.08							<0.08
9/26/2016				<0.08					
9/27/2016	<0.08				<0.08	<0.08	<0.08	<0.08	<0.08
9/28/2016		<0.08	<0.08						
11/14/2016	<0.08								<0.08
11/15/2016			<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	
11/16/2016		<0.08							
1/10/2017	<0.08			<0.08					<0.08
1/11/2017		<0.08					<0.08		
1/12/2017						<0.08		<0.08	
1/13/2017					<0.08				
1/16/2017			<0.08						
1/17/2017									
2/28/2017	<0.08			0.022 (J)					<0.08
3/1/2017		<0.08	<0.08		<0.08	<0.08	<0.08	<0.08	
3/2/2017									
4/19/2017	<0.08			<0.08					
4/20/2017							<0.08	<0.08	<0.08
4/24/2017					<0.08	<0.08			
4/25/2017		<0.08	<0.08						
7/13/2017									
10/10/2017				<0.08					<0.08
10/11/2017	<0.08					<0.08	<0.08	<0.08	
10/12/2017		<0.08	<0.08		<0.08				
12/12/2017									
1/10/2018	<0.08			<0.08					<0.08
1/11/2018						<0.08	<0.08	<0.08	
1/12/2018		<0.08	<0.08		<0.08				
7/11/2018	<0.08	<0.08	<0.08	<0.08			<0.08		<0.08
7/12/2018					<0.08	<0.08		<0.08	
1/29/2019	<0.08		<0.08	<0.08			<0.08		<0.08
1/30/2019		<0.08			<0.08	<0.08		<0.08	
3/26/2019									<0.08
3/27/2019	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	
9/10/2019									0.052 (J)
9/11/2019	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	
3/31/2020									<0.08
4/1/2020	<0.08	<0.08	<0.08	0.042 (J)	<0.08		<0.08	<0.08	
4/2/2020						0.066 (J)			
9/15/2020	0.061 (J)	<0.08		<0.08		<0.08	<0.08	<0.08	
9/16/2020			0.046 (J)		0.042 (J)				0.056 (J)
3/16/2021	<0.08		<0.08	<0.08			<0.08	<0.08	
3/17/2021		<0.08			<0.08	<0.08			<0.08

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 4/28/2021 4:34 PM View: Appendix III

Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWA-16[*GWB-1...	GWC-5[*GWB-5]...	GWA-14 (bg)	GWA-13 (bg)	GWC-12	GWC-21	GWC-15[*GWB-1...	GWC-20	GWC-10
4/19/2016									
4/20/2016	<0.08	<0.08	<0.08	<0.08	<0.08				
4/21/2016						<0.08	<0.08	<0.08	<0.08
6/14/2016		0.011 (J)	0.0098 (J)	0.0086 (J)					
6/15/2016	0.0085 (J)				0.01 (J)		0.0095 (J)		
6/16/2016						0.012 (J)		0.012 (J)	0.017 (J)
8/9/2016	<0.08	<0.08	<0.08	<0.08			<0.08		
8/10/2016					<0.08	<0.08		<0.08	<0.08
8/11/2016									
9/26/2016									
9/27/2016	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08
9/28/2016									
11/14/2016									
11/15/2016	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	0.021 (J)
11/16/2016									
1/10/2017									
1/11/2017	<0.08	<0.08	<0.08				<0.08		
1/12/2017				<0.08	<0.08	<0.08			0.041 (J)
1/13/2017								<0.08	
1/16/2017									
1/17/2017									
2/28/2017		<0.08	<0.08	<0.08			<0.08		
3/1/2017	<0.08				<0.08	<0.08		<0.08	0.052
3/2/2017									
4/19/2017									
4/20/2017	<0.08	<0.08	<0.08	<0.08	<0.08		<0.08		
4/24/2017						<0.08			0.064
4/25/2017								<0.08	
7/13/2017									
10/10/2017									
10/11/2017	<0.08	<0.08	<0.08	<0.08			<0.08		
10/12/2017					<0.08	<0.08		<0.08	0.06
12/12/2017									0.086
1/10/2018		<0.08		<0.08					
1/11/2018	<0.08		<0.08		<0.08	<0.08	<0.08		0.06
1/12/2018								<0.08	
7/11/2018	<0.08	<0.08	<0.08	<0.08		<0.08	<0.08	<0.08	
7/12/2018					<0.08				0.054
1/29/2019	<0.08	<0.08	<0.08	<0.08			<0.08	<0.08	
1/30/2019					<0.08	<0.08			0.055
3/26/2019	<0.08	<0.08	<0.08	<0.08			<0.08		
3/27/2019					<0.08	<0.08		<0.08	0.05
9/10/2019	<0.08	<0.08	<0.08	0.061 (J)					
9/11/2019					<0.08	0.055 (J)	<0.08	0.042 (J)	0.067 (J)
3/31/2020		<0.08		<0.08					
4/1/2020	<0.08		<0.08		<0.08	<0.08	<0.08	<0.08	0.068 (J)
4/2/2020									
9/15/2020	<0.08	0.047 (J)	<0.08	<0.08		<0.08	<0.08	<0.08	0.062 (J)
9/16/2020					<0.08				
3/16/2021	<0.08		<0.08	<0.08	<0.08			<0.08	0.045 (J)
3/17/2021		<0.08				<0.08	<0.08		

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 4/28/2021 4:34 PM View: Appendix III
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

GWC-23

4/19/2016	
4/20/2016	
4/21/2016	
6/14/2016	
6/15/2016	
6/16/2016	0.017 (J)
8/9/2016	
8/10/2016	<0.08
8/11/2016	
9/26/2016	
9/27/2016	
9/28/2016	<0.08
11/14/2016	
11/15/2016	
11/16/2016	<0.08
1/10/2017	
1/11/2017	
1/12/2017	
1/13/2017	
1/16/2017	
1/17/2017	<0.08
2/28/2017	
3/1/2017	
3/2/2017	<0.08
4/19/2017	
4/20/2017	
4/24/2017	
4/25/2017	<0.08
7/13/2017	<0.08
10/10/2017	
10/11/2017	
10/12/2017	<0.08
12/12/2017	
1/10/2018	
1/11/2018	
1/12/2018	<0.08
7/11/2018	
7/12/2018	<0.08
1/29/2019	
1/30/2019	<0.08
3/26/2019	
3/27/2019	<0.08
9/10/2019	
9/11/2019	0.04 (J)
3/31/2020	
4/1/2020	<0.08
4/2/2020	
9/15/2020	<0.08
9/16/2020	
3/16/2021	
3/17/2021	<0.08

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/28/2021 4:34 PM View: Appendix III

Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-18 (bg)	GWC-19	GWA-2 (bg)	GWA-3 (bg)	GWC-9	GWA-13 (bg)	GWC-5[*GWB-5]...	GWA-16[*GWB-1...	GWC-4A[*GWB-4...
4/19/2016	26	10.3	0.485 (J)	1.13	0.431 (J)				
4/20/2016						0.389 (J)	4.39	0.472 (J)	1.12
4/21/2016									
6/14/2016			0.72	1		0.37 (J)	2.4		1.1
6/15/2016					0.27 (J)			0.42 (J)	
6/16/2016	33.2	10.4							
8/9/2016			0.24 (J)	0.71		0.14 (J)	2	0.19	
8/10/2016		6.7			0.13 (J)				
8/11/2016	18								1.9
9/26/2016			0.48						
9/27/2016				0.77	0.21 (J)	0.33	2.9	0.39	3.4
9/28/2016	17	6.9							
11/14/2016				0.75					3.1
11/15/2016		7.5	0.54		0.27	0.28	2.5	0.39	
11/16/2016	17								
1/10/2017			0.62	0.73					1.5
1/11/2017	15						2.5	0.36	
1/12/2017						0.37			
1/13/2017					0.41				
1/16/2017		8							
1/17/2017									
2/28/2017			0.91	0.76		0.26	2.7		1.1
3/1/2017	16	8.5			0.25			0.38	
3/2/2017									
4/19/2017			0.75	0.69					
4/20/2017						0.27	2.8	0.41	0.98
4/24/2017					0.34				
4/25/2017	17	8.2							
7/13/2017									
10/10/2017			0.54						0.8
10/11/2017				0.73		0.3	3.3	0.4	
10/12/2017	14	9.5			0.21 (J)				
12/12/2017		9.1							
12/13/2017	12								
1/10/2018			0.52	0.88		0.27	3.3		0.82
1/11/2018								0.43	
1/12/2018	15	9.5			0.4				
7/11/2018	12	10	0.5	0.81		0.32	3	0.45	1
7/12/2018					0.49				
1/29/2019		9.2	0.53	0.85		0.33	3.3	0.41	0.83
1/30/2019	14				0.38 (J)				
3/26/2019						0.3	2.8	0.37	0.53
3/27/2019	11	9.2	0.37	0.73	0.28				
9/10/2019						0.37 (J)	2.3	0.41 (J)	0.64
9/11/2019	13	8.2	0.43 (J)	0.76	0.44 (J)				
3/31/2020						0.42 (J)	2.9		0.8
4/1/2020	11	8.7	0.47 (J)	0.72	0.2 (J)			0.43 (J)	
4/2/2020									
9/15/2020	10		0.42 (J)	0.84		0.32 (J)	2.2	0.42 (J)	
9/16/2020		7.6			0.45 (J)				0.43 (J)
3/16/2021		7	0.4 (J)	0.75		0.4 (J)		0.48 (J)	
3/17/2021	9.1				0.51		2.4		0.33 (J)

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/28/2021 4:34 PM View: Appendix III
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

GWC-23

4/19/2016	
4/20/2016	
4/21/2016	
6/14/2016	
6/15/2016	
6/16/2016	15.6
8/9/2016	
8/10/2016	10
8/11/2016	
9/26/2016	
9/27/2016	
9/28/2016	8.5
11/14/2016	
11/15/2016	
11/16/2016	8.4
1/10/2017	
1/11/2017	
1/12/2017	
1/13/2017	
1/16/2017	
1/17/2017	3
2/28/2017	
3/1/2017	
3/2/2017	3.3
4/19/2017	
4/20/2017	
4/24/2017	
4/25/2017	2.5
7/13/2017	2.1
10/10/2017	
10/11/2017	
10/12/2017	1.5
12/12/2017	
12/13/2017	
1/10/2018	
1/11/2018	
1/12/2018	1.4
7/11/2018	
7/12/2018	1.2
1/29/2019	
1/30/2019	1.1 (J)
3/26/2019	
3/27/2019	1.4
9/10/2019	
9/11/2019	1.4
3/31/2020	
4/1/2020	1.4
4/2/2020	
9/15/2020	1.3
9/16/2020	
3/16/2021	
3/17/2021	0.99

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/28/2021 4:34 PM View: Appendix III

Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-9	GWA-2 (bg)	GWA-3 (bg)	GWC-19	GWC-18 (bg)	GWA-13 (bg)	GWC-17 (bg)	GWC-5[*GWB-5]...	GWA-14 (bg)
4/19/2016	14.4	5.01	9.4	6.1	5.03				
4/20/2016						3.49	4.25	3.69	4.55
4/21/2016									
6/14/2016		5	8.3			3.4		3.5	4.3
6/15/2016	12						4.1		
6/16/2016				5.7	4.7				
8/9/2016		5.1	8.6			3.7	4.5	3.7	4.5
8/10/2016	13			6.2					
8/11/2016					5.3				
9/26/2016		5.1							
9/27/2016	12		6.3			3.8	4.4	3.6	4.4
9/28/2016				6.9	5.1				
11/14/2016			6.1						
11/15/2016	11	5.2		7.8		3.8	4.5	3.7	4.5
11/16/2016					5.2				
1/10/2017		4.9	6.1						
1/11/2017					5		4.2	3.5	4.3
1/12/2017						3.5			
1/13/2017	11								
1/16/2017				8.6					
1/17/2017									
2/28/2017		4.7	6.2			3.6		3.3	4
3/1/2017	11			8.3	4.6		3.9		
3/2/2017									
4/19/2017		4.4	5						
4/20/2017						3.4	4	3.3	4
4/24/2017	9.3								
4/25/2017				8.4	4.6				
7/13/2017									
10/10/2017		4.7							
10/11/2017			4.1			3.4	4.1	3.2	4
10/12/2017	9.8			8.7	4.6				
12/12/2017	10								
1/10/2018		4.6	4.2			3.4		3.2	
1/11/2018							4.1		3.9
1/12/2018	9			9	4.5				
7/11/2018		5	4.3	9.1	4.9	3.4	4.4	3.5	4.2
7/12/2018	9.4								
9/13/2018	9.1								
1/29/2019		5	4	8.2		3.6	4.5	3.6	4
1/30/2019	9.1				4.8				
3/26/2019						3.5		3.6	4.1
3/27/2019	10	4.5	3.5	7.5	4.3		4.1		
6/17/2019	9.4								
9/10/2019						3.3		3.5	4
9/11/2019	9.3	4.8	3.5	7.7	4.5		4.3		
3/31/2020						3.7		4.1	
4/1/2020	9.7	4.9	3.7	7.3	4.7		4.6		4.2
4/2/2020									
9/15/2020		4.9	3.4		4.4	3.5	4.3	18	4.3
9/16/2020	8.6			6.5					
3/16/2021		4.9	3.6	6.5		4	4.9		4.1

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/28/2021 4:34 PM View: Appendix III
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-9	GWA-2 (bg)	GWA-3 (bg)	GWC-19	GWC-18 (bg)	GWA-13 (bg)	GWC-17 (bg)	GWC-5[*GWB-5]...	GWA-14 (bg)
3/17/2021	9.5				4.7			4.2	

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/28/2021 4:34 PM View: Appendix III
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-4A[*GWB-4...	GWA-16[*GWB-1...	GWC-1	GWC-11	GWC-12	GWC-21	GWC-20	GWC-10	GWC-15[*GWB-1...
4/19/2016									
4/20/2016	2.93	3.92	6.68	4.9	3.61				
4/21/2016						6.08	11.6	6.41	3.99
6/14/2016	2.9								
6/15/2016		3.8	7	4.6	3.3				3.5
6/16/2016						5.8	10	6	
8/9/2016		4							4
8/10/2016			7	5.1	3.8	6.5	10	6.8	
8/11/2016	3.6								
9/26/2016									
9/27/2016	3.4	3.9	6.4	4.9	3.7	6.4	8.9	6.1	3.9
9/28/2016									
11/14/2016	4.2								
11/15/2016		4	6.6	5	3.9	6.4	8.5	6.7	4
11/16/2016									
1/10/2017	3.6								
1/11/2017		3.7							3.8
1/12/2017			7.3	4.7	3.6	6.3		6.5	
1/13/2017							8.3		
1/16/2017									
1/17/2017									
2/28/2017	3.3								3.5
3/1/2017		3.5	7.5	4.4	3.4	5.9	7.9	6.3	
3/2/2017									
4/19/2017									
4/20/2017	3.5	3.6	6.8		3.5				3.3
4/24/2017				4.4		5.9		6.1	
4/25/2017							8.2		
7/13/2017									
10/10/2017	3.9								
10/11/2017		3.5	7	4.5					3.5
10/12/2017					3.5	6.1	9.1	6	
12/12/2017									
1/10/2018	3.3								
1/11/2018		3.4	7.5	4.3	3.4	5.8		5.9	3.4
1/12/2018							9		
7/11/2018	3.2	3.7				6.4	9.9		3.8
7/12/2018			7	4.3	3.7			5.1	
9/13/2018							8.9		
1/29/2019	3.4	3.8					8.8		3.7
1/30/2019			6.8	4.6	3.7	6.7		5.6	
3/26/2019	3.7	3.6							3.8
3/27/2019			6.8	4	3.3	6.3	8.9	5.3	
6/17/2019									
9/10/2019	3.6	3.7							
9/11/2019			6	4.4	3.5	6.7	8.7	5.4	3.7
3/31/2020	4.9								
4/1/2020		3.8	5.9		3.7	6.5	8.6	6.9	3.8
4/2/2020				4.6					
9/15/2020		3.7	6.1	4.1		6.5	8.7	6.2	3.6
9/16/2020	3.5				3.5				
3/16/2021		4.1	5.8		3.8		8	7.2	

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/28/2021 4:34 PM View: Appendix III
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-4A[*GWB-4...GWA-16[*GWB-1... GWC-1	GWC-11	GWC-12	GWC-21	GWC-20	GWC-10	GWC-15[*GWB-1...
3/17/2021	4.5	4.6		6.7			4

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/28/2021 4:34 PM View: Appendix III
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

GWC-23

4/19/2016	
4/20/2016	
4/21/2016	
6/14/2016	
6/15/2016	
6/16/2016	5.1
8/9/2016	
8/10/2016	4.4
8/11/2016	
9/26/2016	
9/27/2016	
9/28/2016	4
11/14/2016	
11/15/2016	
11/16/2016	4.1
1/10/2017	
1/11/2017	
1/12/2017	
1/13/2017	
1/16/2017	
1/17/2017	4.3
2/28/2017	
3/1/2017	
3/2/2017	4
4/19/2017	
4/20/2017	
4/24/2017	
4/25/2017	4.1
7/13/2017	4.2
10/10/2017	
10/11/2017	
10/12/2017	4.3
12/12/2017	
1/10/2018	
1/11/2018	
1/12/2018	4.3
7/11/2018	
7/12/2018	4.9
9/13/2018	
1/29/2019	
1/30/2019	7.4
3/26/2019	
3/27/2019	4.2
6/17/2019	
9/10/2019	
9/11/2019	4.6
3/31/2020	
4/1/2020	4.9
4/2/2020	
9/15/2020	5
9/16/2020	
3/16/2021	

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/28/2021 4:34 PM View: Appendix III
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-23
3/17/2021	5.5

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/28/2021 4:34 PM View: Appendix III

Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWA-2 (bg)	GWC-18 (bg)	GWA-3 (bg)	GWC-19	GWC-9	GWA-13 (bg)	GWA-16[*GWB-1...	GWC-17 (bg)	GWC-4A[*GWB-4...
4/19/2016	0.03 (J)	0.706	0.022 (J)	0.122 (J)	0.02 (J)				
4/20/2016						0.018 (J)	0.022 (J)	0.147 (J)	0.028 (J)
4/21/2016									
6/14/2016	0.02 (J)		<0.1			<0.1			<0.1
6/15/2016					<0.1		<0.1	0.1 (J)	
6/16/2016		0.56		0.08 (J)					
8/9/2016	<0.1		<0.1			<0.1	<0.1	0.16 (J)	
8/10/2016				0.14 (J)	<0.1				
8/11/2016		0.74							<0.1
9/26/2016	<0.1								
9/27/2016			<0.1		<0.1	<0.1	<0.1	0.14 (J)	<0.1
9/28/2016		0.7		0.11 (J)					
11/14/2016			<0.1						<0.1
11/15/2016	<0.1			0.13 (J)	<0.1	<0.1	<0.1	0.16 (J)	
11/16/2016		0.71							
1/10/2017	<0.1		<0.1						<0.1
1/11/2017		0.51					<0.1	0.16 (J)	
1/12/2017						<0.1			
1/13/2017					<0.1				
1/16/2017				0.11 (J)					
1/17/2017									
2/28/2017	<0.1		<0.1			<0.1			<0.1
3/1/2017		0.61		<0.1	<0.1		<0.1	<0.1	
3/2/2017									
4/19/2017	<0.1		<0.1						
4/20/2017						<0.1	<0.1	0.12 (J)	<0.1
4/24/2017					<0.1				
4/25/2017		0.65		0.087 (J)					
7/13/2017									
10/10/2017	<0.1								<0.1
10/11/2017			<0.1			<0.1	<0.1	0.11 (J)	
10/12/2017		0.6		0.087 (J)	<0.1				
12/13/2017		0.61							
1/10/2018	<0.1		<0.1			<0.1			<0.1
1/11/2018							<0.1	0.12 (J)	
1/12/2018		0.55		0.083 (J)	<0.1				
7/11/2018	<0.1	0.59	<0.1	0.091 (J)		<0.1	<0.1	0.13 (J)	<0.1
7/12/2018					<0.1				
1/29/2019	<0.1		<0.1	0.074 (J)		<0.1	<0.1	0.13 (J)	<0.1
1/30/2019		0.65			<0.1				
3/26/2019						<0.1	<0.1		<0.1
3/27/2019	<0.1	0.49	<0.1	0.072	<0.1			0.1	
9/10/2019						0.034 (J)	0.035 (J)		0.044 (J)
9/11/2019	0.037 (J)	0.47	0.033 (J)	0.08 (J)	0.034 (J)			0.099 (J)	
3/31/2020						0.046 (J)			0.043 (J)
4/1/2020	<0.1	0.59	<0.1	0.11	0.051 (J)		<0.1	0.15	
4/2/2020									
9/15/2020	0.029 (J)	0.49	<0.1			<0.1	<0.1	0.099 (J)	
9/16/2020				0.076 (J)	<0.1				<0.1
3/16/2021	0.033 (J)		<0.1	0.092 (J)		<0.1	<0.1	0.13	
3/17/2021		0.54			0.035 (J)				<0.1

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/28/2021 4:34 PM View: Appendix III
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-12	GWC-11	GWA-14 (bg)	GWC-1	GWC-5[*GWB-5]...	GWC-15[*GWB-1...	GWC-21	GWC-20	GWC-10
4/19/2016									
4/20/2016	0.026 (J)	0.383	0.021 (J)	0.04 (J)	0.032 (J)				
4/21/2016						0.019 (J)	0.022 (J)	0.06 (J)	0.217 (J)
6/14/2016			<0.1		<0.1				
6/15/2016	<0.1	0.28 (J)		<0.1		<0.1			
6/16/2016							<0.1	<0.1	0.13 (J)
8/9/2016			<0.1		<0.1	<0.1			
8/10/2016	<0.1	0.42		<0.1			<0.1	<0.1	0.21
8/11/2016									
9/26/2016									
9/27/2016	<0.1	0.39	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.17 (J)
9/28/2016									
11/14/2016									
11/15/2016	<0.1	0.43	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.22
11/16/2016									
1/10/2017									
1/11/2017			<0.1		<0.1	<0.1			
1/12/2017	<0.1	0.41		<0.1			<0.1		0.12 (J)
1/13/2017								0.083 (J)	
1/16/2017									
1/17/2017									
2/28/2017			<0.1		<0.1	<0.1			
3/1/2017	<0.1	<0.1		<0.1			<0.1	<0.1	<0.1
3/2/2017									
4/19/2017									
4/20/2017	<0.1		<0.1	<0.1	<0.1	<0.1			
4/24/2017		0.37					<0.1		0.18 (J)
4/25/2017								<0.1	
7/13/2017									
10/10/2017									
10/11/2017		0.39	<0.1	<0.1	<0.1	<0.1			
10/12/2017	<0.1						<0.1	<0.1	0.18 (J)
12/13/2017		0.48							
1/10/2018					<0.1				
1/11/2018	<0.1	0.31	<0.1	<0.1		<0.1	<0.1		0.15 (J)
1/12/2018								<0.1	
7/11/2018			<0.1		<0.1	<0.1	<0.1	<0.1	
7/12/2018	<0.1	0.25		<0.1					0.13 (J)
1/29/2019			<0.1		<0.1	<0.1		0.031 (J)	
1/30/2019	<0.1	0.35		<0.1			<0.1		0.23 (J)
3/26/2019			<0.1		0.028	<0.1			
3/27/2019	<0.1	0.24		0.029			<0.1	0.034	0.12
9/10/2019			0.032 (J)		0.037 (J)				
9/11/2019	0.036 (J)	0.26		0.036 (J)		0.032 (J)	0.032 (J)	0.045 (J)	0.1
3/31/2020					0.061 (J)				
4/1/2020	<0.1		0.048 (J)	<0.1		0.05 (J)	0.04 (J)	0.082 (J)	0.26
4/2/2020		0.26							
9/15/2020		0.21	<0.1	<0.1	<0.1	<0.1	<0.1	0.032 (J)	0.11
9/16/2020	<0.1								
3/16/2021	<0.1		<0.1	<0.1				0.04 (J)	0.18
3/17/2021		0.28			0.026 (J)	<0.1	<0.1		

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/28/2021 4:34 PM View: Appendix III
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

GWC-23

4/19/2016	
4/20/2016	
4/21/2016	
6/14/2016	
6/15/2016	
6/16/2016	0.04 (J)
8/9/2016	
8/10/2016	<0.1
8/11/2016	
9/26/2016	
9/27/2016	
9/28/2016	0.097 (J)
11/14/2016	
11/15/2016	
11/16/2016	0.092 (J)
1/10/2017	
1/11/2017	
1/12/2017	
1/13/2017	
1/16/2017	
1/17/2017	<0.1
2/28/2017	
3/1/2017	
3/2/2017	<0.1
4/19/2017	
4/20/2017	
4/24/2017	
4/25/2017	<0.1
7/13/2017	<0.1
10/10/2017	
10/11/2017	
10/12/2017	<0.1
12/13/2017	
1/10/2018	
1/11/2018	
1/12/2018	<0.1
7/11/2018	
7/12/2018	<0.1
1/29/2019	
1/30/2019	<0.1
3/26/2019	
3/27/2019	0.027
9/10/2019	
9/11/2019	0.041 (J)
3/31/2020	
4/1/2020	0.05 (J)
4/2/2020	
9/15/2020	0.028 (J)
9/16/2020	
3/16/2021	
3/17/2021	<0.1

Prediction Limit

Constituent: pH (S.U.) Analysis Run 4/28/2021 4:34 PM View: Appendix III

Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-12	GWA-3 (bg)	GWC-5[*GWB-5]...	GWC-11	GWC-10	GWC-4A[*GWB-4...GWC-1	GWA-2 (bg)	GWC-9
6/19/2015	5.05	5.23	5.95					
6/20/2015				6.13	6.28	4.92	4.87	4.69
12/14/2015								4.7
12/15/2015								
4/19/2016		4.92					4.99	4.98
4/20/2016	5.17		5.85	6.28		4.9	5.43	
4/21/2016					6.21			
6/14/2016		4.89	5.53			4.9		4.98
6/15/2016	5.12			6.55			5.28	5.2
6/16/2016					6.27			
8/9/2016		4.92	5.44				4.72	
8/10/2016	5.12			6.22	6.12		5.15	4.78
8/11/2016						5.37		
9/26/2016							4.74	
9/27/2016	5.19	5.25	5.59	6.33	6.29	5.89	5.19	4.91
9/28/2016								
11/14/2016		4.96				5.94		
11/15/2016	5.14		5.58	6.28	6.12		5.2	4.8
11/16/2016								4.81
1/10/2017		4.21				5.44	4.59	
1/11/2017			5.56					
1/12/2017	5.13			6.26	6.23		5.27	
1/13/2017								5.28
1/16/2017								
1/17/2017								
2/28/2017		4.95	5.53			5.49		4.91
3/1/2017	5.05			6.41	6.15		5.31	4.81
3/2/2017								
4/19/2017		5.12					4.98	
4/20/2017	5.15		5.63			5.51	5.29	
4/24/2017				6.26	6.8			4.99
4/25/2017								
7/13/2017								
7/17/2017							4.61	
7/18/2017		4.89	5.51			5.26		
7/19/2017							5.03	
7/20/2017	5.04							
7/24/2017				6.27	6.19			4.82
7/25/2017								
10/17/2017	5.03	4.96	5.62	6.35	6.11	5.28	5.25	4.93
1/10/2018		4.93	5.59			5.05		4.78
1/11/2018	5.13			6.15	6.32		5.02	
1/12/2018								4.83
7/11/2018		4.87 (D)	5.49			4.53		4.75 (D)
7/12/2018	5.09 (D)			6.63 (D)	6.7 (D)		5.04 (D)	4.8 (D)
1/29/2019		4.98	5.39			4.66		4.91
1/30/2019	5.01			6.09	6.2		5.21	4.88
3/26/2019			5.45			4.72		
3/27/2019	4.93	4.8		6.32	6.54		5.15	4.69
9/10/2019			5.71			4.72		4.75
9/11/2019	5.04	5.03		6.37	6.63		4.8	4.77
3/31/2020			5.45			5.06		4.8

Prediction Limit

Constituent: pH (S.U.) Analysis Run 4/28/2021 4:34 PM View: Appendix III
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-12	GWA-3 (bg)	GWC-5[*GWB-5]...	GWC-11	GWC-10	GWC-4A[*GWB-4...GWC-1	GWA-2 (bg)	GWC-9
4/1/2020	5.05	4.92		6.38	6.52	5	4.77	4.93
4/2/2020								
9/15/2020		4.72	5.27	6.62	6.66	4.76	4.52	
9/16/2020	4.91					4.87		4.74
3/16/2021	4.97	4.91			6.48	4.89	4.76	
3/17/2021			4.8	6.58		4.9		4.69

Prediction Limit

Constituent: pH (S.U.) Analysis Run 4/28/2021 4:34 PM View: Appendix III
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-17 (bg)	GWC-18 (bg)	GWC-20	GWC-21	GWA-16[*GWB-1...	GWC-19	GWC-15[*GWB-1...	GWA-14 (bg)	GWA-13 (bg)
4/1/2020	5.3	6.15	5.03	5.04	4.95	5.67	5.35	5.26	
4/2/2020									
9/15/2020	5.29	6.13	4.96	4.86	5.02		4.92	5.83	5.07
9/16/2020						5.43			
3/16/2021	4.83		4.78		4.68	5.45		4.76	4.47
3/17/2021		5.99		4.8			5.41		

Prediction Limit

Constituent: pH (S.U.) Analysis Run 4/28/2021 4:34 PM View: Appendix III
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

GWC-23

6/19/2015	
6/20/2015	
12/14/2015	
12/15/2015	
4/19/2016	
4/20/2016	
4/21/2016	
6/14/2016	
6/15/2016	
6/16/2016	
8/9/2016	
8/10/2016	6.34
8/11/2016	
9/26/2016	
9/27/2016	
9/28/2016	6.29
11/14/2016	
11/15/2016	
11/16/2016	6.18
1/10/2017	
1/11/2017	
1/12/2017	
1/13/2017	
1/16/2017	
1/17/2017	5.68
2/28/2017	
3/1/2017	
3/2/2017	5.75
4/19/2017	
4/20/2017	
4/24/2017	
4/25/2017	5.65
7/13/2017	5.65
7/17/2017	
7/18/2017	
7/19/2017	
7/20/2017	
7/24/2017	
7/25/2017	5.24
10/17/2017	5.37
1/10/2018	
1/11/2018	
1/12/2018	5.35
7/11/2018	
7/12/2018	5.21 (D)
1/29/2019	
1/30/2019	5.14
3/26/2019	
3/27/2019	5.3
9/10/2019	
9/11/2019	5.24
3/31/2020	

Prediction Limit

Constituent: pH (S.U.) Analysis Run 4/28/2021 4:34 PM View: Appendix III
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWC-23
4/1/2020	5.23
4/2/2020	
9/15/2020	5.18
9/16/2020	
3/16/2021	
3/17/2021	4.97

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 4/28/2021 4:34 PM View: Appendix III

Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWA-3 (bg)	GWC-18 (bg)	GWC-19	GWA-2 (bg)	GWC-9	GWC-11	GWC-17 (bg)	GWC-1	GWC-4A[*GWB-4...
4/19/2016	<10	106	34	<10	49				
4/20/2016						32	29	<10	<10
4/21/2016									
6/14/2016	46			55					67
6/15/2016					84	81	85	52	
6/16/2016		150	34						
8/9/2016	18			6			<10		
8/10/2016			32		44	64		10	
8/11/2016		78							<10
9/26/2016				24					
9/27/2016	30				30	60	6	30	28
9/28/2016		43	13						
11/14/2016	26								48
11/15/2016			64	38	32	72	24	32	
11/16/2016		140							
1/10/2017	18			18					22
1/11/2017		64					20		
1/12/2017						84		52	
1/13/2017					54				
1/16/2017			12						
1/17/2017									
2/28/2017	22			12					32
3/1/2017		88	72		34	64	38	44	
3/2/2017									
4/19/2017	14			14					
4/20/2017							6	20	20
4/24/2017					<10	46			
4/25/2017		92	62						
7/13/2017									
10/10/2017				10					24
10/11/2017	30					88	48	54	
10/12/2017		54	38		20				
12/12/2017									
12/13/2017						68			
1/10/2018	28			6					42
1/11/2018						10	18	100	
1/12/2018		110	81		48				
7/11/2018	12 (J)	16 (J)	38 (J)	16 (J)			22 (J)		<5 (J)
7/12/2018					42 (J)	94 (J)		24 (J)	
1/29/2019	27		62	36			37		26
1/30/2019		100 (J)			42 (J)	89 (J)		55 (J)	
3/26/2019									39
3/27/2019	35	79	61	36	34	79	38	26	
9/10/2019									36
9/11/2019	15	45	49	28	43	39	31	49	
3/31/2020									27
4/1/2020	20	73	52	32	36		27	39	
4/2/2020						63			
9/15/2020	<10	64		22		82	26	25	
9/16/2020			60		<10				21
3/16/2021	25		65	24			25	29	
3/17/2021		59			40	81			36

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 4/28/2021 4:34 PM View: Appendix III
 Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

	GWA-16[*GWB-1...	GWC-5[*GWB-5]...	GWA-14 (bg)	GWA-13 (bg)	GWC-12	GWC-21	GWC-15[*GWB-1...	GWC-20	GWC-10
4/19/2016									
4/20/2016	<10	<10	<10	<10	41				
4/21/2016						<10	<10	28	49
6/14/2016		62	65	47					
6/15/2016	67				27		58		
6/16/2016						30		42	109
8/9/2016	4 (J)	6	24	10			6		
8/10/2016					6	<10		6	58
8/11/2016									
9/26/2016									
9/27/2016	18	10	14	16	16	14	16	20	100
9/28/2016									
11/14/2016									
11/15/2016	26	32	18	4 (J)	22	58	18	82	94
11/16/2016									
1/10/2017									
1/11/2017	<10	12	6				8		
1/12/2017				26	44	38			110
1/13/2017								36	
1/16/2017									
1/17/2017									
2/28/2017		<10	14	6			4 (J)		
3/1/2017	6				8	32		40	110
3/2/2017									
4/19/2017									
4/20/2017	<10	34	<10	<10	<10		10		
4/24/2017						16			32
4/25/2017								14	
7/13/2017									
10/10/2017									
10/11/2017	24	40	22	32			26		
10/12/2017					12	12		22	74
12/12/2017									150
12/13/2017									
1/10/2018		48		10					
1/11/2018	6		36		34	20	56		150
1/12/2018								56	
7/11/2018	24 (J)	22 (J)	20 (J)	28 (J)		52 (J)	<5 (J)	32 (J)	
7/12/2018					26 (J)				140 (J)
1/29/2019	26	34	22	24			23	27	
1/30/2019					22 (J)	43 (J)			160 (J)
3/26/2019	27	21	17	<10			17		
3/27/2019					24	33		57	130
9/10/2019	13	13	16	21					
9/11/2019					28	23	15	45	130
3/31/2020		28		17					
4/1/2020	15		<10		20	21	21	26	130
4/2/2020									
9/15/2020	14	23	17	17		24	13	34	140
9/16/2020					17				
3/16/2021	20		17	23	19			37	130
3/17/2021		31				24	29		

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 4/28/2021 4:34 PM View: Appendix III
Plant McIntosh Client: Southern Company Data: McIntosh LF4 CCR

GWC-23

4/19/2016	
4/20/2016	
4/21/2016	
6/14/2016	
6/15/2016	
6/16/2016	78
8/9/2016	
8/10/2016	88
8/11/2016	
9/26/2016	
9/27/2016	
9/28/2016	35
11/14/2016	
11/15/2016	
11/16/2016	98
1/10/2017	
1/11/2017	
1/12/2017	
1/13/2017	
1/16/2017	
1/17/2017	36
2/28/2017	
3/1/2017	
3/2/2017	38
4/19/2017	
4/20/2017	
4/24/2017	
4/25/2017	28
7/13/2017	20
10/10/2017	
10/11/2017	
10/12/2017	24
12/12/2017	
12/13/2017	
1/10/2018	
1/11/2018	
1/12/2018	43
7/11/2018	
7/12/2018	40
1/29/2019	
1/30/2019	38 (J)
3/26/2019	
3/27/2019	42
9/10/2019	
9/11/2019	24
3/31/2020	
4/1/2020	25
4/2/2020	
9/15/2020	27
9/16/2020	
3/16/2021	
3/17/2021	24



**ATLANTIC COAST
CONSULTING, INC.**

Roswell, GA
1150 Northmeadow
Pkwy, Suite 100
Roswell, GA 30076
Phone: 770.594.5998

Savannah, GA
7 East Congress Street
Suite 801
Savannah, GA 31401
Phone: 912.236.3471

Knoxville, TN
212 S. Peters Road
Suite 203
Knoxville, TN 37923
Phone: 865.531.9143