Prepared for

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2026 SEMIANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT

PLANT WANSLEY ASH POND 1 (AP-1)

Prepared by

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Project Number 26003343 (GW11293)

August 2026

CERTIFICATION STATEMENT

This *2026 Semiannual Groundwater Monitoring and Corrective Action Report, Plant Wansley Ash Pond 1 (AP-1)* has been prepared in compliance with the United States Environmental Protection Agency Coal Combustion Residual Rule (40 Code of Federal Regulations [CFR] 257 Subpart D), specifically § 257.90(e), and the Georgia Environmental Protection Division Rules for Solid Waste Management 391-3-4-.10 by a qualified groundwater scientist or engineer with Geosyntec Consultants, Inc. I hereby certify that I am a qualified groundwater scientist, in accordance with the Georgia Rules of Solid Waste Management 391-3-4-.01.

August 31, 2026

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Date

SUMMARY

This summary of the *2026 Semiannual Groundwater Monitoring and Corrective Action Report* provides the status of groundwater monitoring and corrective action program for the reporting period of January through June 2026 (referred to herein as the "semiannual reporting period") at Georgia Power Company's (Georgia Power's) Plant Wansley Ash Pond 1 (AP-1) (the Site). This summary was prepared by Geosyntec Consultants, Inc. (Geosyntec) on behalf of Georgia Power to meet the requirements listed in Part A, Section 6[1] of the United States Environmental Protection Agency (USEPA) Coal Combustion Residual Rule (federal CCR Rule) (40 Code of Federal Regulations [CFR] 257 Subpart D).

Plant Wansley and the Site

Plant Wansley is located on approximately 5,200 acres about 12 miles southeast of the City of Carrollton, Georgia. Although the majority of the plant property lies within Heard County, the physical address of and entrance to the plant is 1371 Liberty Church Road, Carrollton, Carroll County, Georgia. AP-1 is a 343-acre surface impoundment located northwest of the plant, which was designed to receive and store CCR materials. AP-1 began receiving process water containing fly ash and bottom ash in 1976. As of April 2019, all process-related flows from the plant to AP-1 have ceased. Georgia Power has elected to close Plant Wansley AP-1 by removal. The Georgia Environmental Protection Division (GA EPD) approved closure permit no. 074-006D(CCR) for AP-1 on March 6, 2025, and the Site closure is underway.

Groundwater at the Site is monitored using a comprehensive well network that meets federal and state monitoring requirements. Routine sampling and reporting began after the background groundwater conditions were established between May 2016 to September 2017. Based on groundwater conditions at the Site, an assessment monitoring program and assessment of corrective measures (ACM) program were established in January 2018 and October 2022, respectively. An *Assessment of Corrective Measures Report* for AP-1 was submitted to GA EPD on March 24, 2023, per § 257.96. During the

[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

semiannual reporting period, the Site remained in assessment monitoring as corrective measures are being evaluated.

During the 2026 semiannual reporting period, Geosyntec conducted groundwater sampling in February 2026 in support of the assessment monitoring program. Groundwater samples were submitted to Eurofins Environment Testing America (Eurofins) for analysis. Per the federal CCR Rule, groundwater data obtained from the semiannual assessment monitoring events were evaluated in accordance with the certified statistical methods. The evaluation identified statistically significant values of select Appendix III[2] and Appendix IV[3] constituents exceeding established groundwater protection standards (GWPS) in select monitoring wells, as summarized in the table below for each semiannual event.

During this reporting period, a second addendum to the 2018 alternate source demonstration (ASD) was prepared and submitted to GA EPD in August 2026. This ASD addressed the statistically significant levels (SSLs) of lithium reported in WGWC-19 and WGWC-21. A summary of this ASD Addendum is presented in Section 5 and the complete ASD Addendum is attached as **Appendix E**.

Based on a review of the Appendix III and Appendix IV statistical results completed for the groundwater monitoring and corrective action program for the semiannual reporting period, the Site will continue in assessment monitoring. Georgia Power will continue routine groundwater monitoring and reporting at the Site. Reports will be posted to Georgia Power's CCR Rule Compliance website and provided to GA EPD semiannually.

[2] Boron, calcium, chloride, fluoride, pH, sulfate, and total dissolved solids (TDS)
[3] Antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, fluoride, lead, lithium, mercury, molybdenum, selenium, thallium, and radium 226 + 228

Appendix III Constituent	February 2026
Boron	WGWC-9, WGWC-16, WGWC-20, WGWC-22, WGWC-24, WGWC-25, WGWC-27, WGWC-28D
Calcium	WGWC-20, WGWC-28D
Chloride	WGWC-16, WGWC-20, WGWC-21, WGWC-24, WGWC-25, WGWC-27, WGWC-28D
Fluoride	WGWC-9, WGWC-15, WGWC-19, WCWC-20, WGWC-21, WGWC-27, WGWC-28D
Sulfate	WGWC-9, WGWC-16, WGWC-20, WGWC-21, WGWC-22, WGWC-24, WGWC-25, WGWC-27, WGWC-28D
Total Dissolved Solids	WGWC-20, WGWC-21, WGWC-28D
Appendix IV Constituent[4]	**February 2026**
Beryllium	WGWC-20, WGWC-24
Cobalt	WGWC-24
Lithium	WGWC-19, WGWC-20, WGWC-21, WGWC-28D

[4] A statistically significant level (SSL)-related constituent is determined by comparing the confidence intervals developed to either the constituent's maximum contaminant level (MCL), if available; where an MCL has not been established, then a CCR-rule specific GWPS; or background concentrations for constituents where the concentration is greater than the MCL or rule-specified GWPS.

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LIST OF ACRONYMS AND ABBREVIATIONS

ACC	Atlantic Coast Consulting, Inc.
ACM	Assessment of Corrective Measures
AP-1	Ash Pond 1
ASD	Alternate Source Demonstration
CCR	coal combustion residuals
CFR	Code of Federal Regulations
cm/sec	centimeters per second
CSM	conceptual site model
DO	dissolved oxygen
ERM	Environmental Resources Management
Eurofins	Eurofins Environment Testing America
ft bgs	feet below ground surface
ft/day	feet per day
ft/ft	feet per foot
ft/year	feet per year
GA EPD	Georgia Environmental Protection Division
Georgia Power	Georgia Power Company
Geosyntec	Geosyntec Consultants, Inc.
GSC	Groundwater Stats Consulting
GWPS	Groundwater Protection Standard
HAR	Hydrogeologic Assessment Report
K_h	horizontal hydraulic conductivity
MCL	Maximum Contaminant Level
mg/L	milligram per liter
NELAP	National Environmental Laboratory Accreditation Program
NTU	nephelometric turbidity units
ORP	oxidation-reduction potential
P.E.	Professional Engineer
Piedmont	Piedmont Physiographic Province
PL	prediction limit
PWR	partially weathered rock
QA/QC	Quality Assurance/Quality Control
SSI	statistically significant increase
SSL	statistically significant level
s.u.	standard unit
TDS	total dissolved solids

Unified Guidance	Statistical Analysis of Groundwater Data at RCRA Facilities Unified Guidance
USEPA	United States Environmental Protection Agency

1.0 INTRODUCTION

In accordance with the United States Environmental Protection Agency (USEPA) Coal Combustion Residual Rule (federal CCR Rule) (40 Code of Federal Regulations [CFR] Part 257, Subpart D) and the Georgia Environmental Protection Division (GA EPD) Rules for Solid Waste Management 391-3-4-.10, Geosyntec Consultants, Inc. (Geosyntec) has prepared this *2026 Semiannual Groundwater Monitoring and Corrective Action Report* to document groundwater monitoring activities conducted at Georgia Power Company (Georgia Power) Plant Wansley (Site) Ash Pond 1 (AP-1) for the reporting period of January through June 2026(referred to herein as the "semiannual reporting period").

Groundwater monitoring and reporting for the CCR unit is performed in accordance with the monitoring requirements of § 257.90 through § 257.95 of the federal CCR Rule, and GA EPD Rules for Solid Waste Management 391-3-4-.10(6). To specify groundwater monitoring requirements, GA EPD rule 391-3-4-.10(6)(a) incorporates by reference the federal CCR Rule. For ease of reference, the federal CCR Rule is cited within this report in lieu of citing both sets of regulations.

Due to statistically significant levels (SSLs) of beryllium and lithium identified in the *2022 Semiannual Groundwater Monitoring and Corrective Action Report* (Geosyntec, 2022), Georgia Power initiated an assessment of corrective measures (ACM) program for AP-1 in October 2022, within 90 days of SSL notification in accordance with § 257.96. Pursuant to § 257.96(b), Georgia Power continues to monitor groundwater associated with AP-1 in accordance with the assessment monitoring program established for AP-1 in 2018, including semiannual monitoring and reporting pursuant to § 257.90 through § 257.95 of the federal CCR Rule and GA EPD Rules for Solid Waste Management 391-3-4-.10(6)(a).

During this semiannual reporting period, SSLs of Appendix IV constituents beryllium, cobalt, and lithium were identified at the Site. Groundwater quality and flow data from the current reporting period indicate that the identified SSLs of beryllium and cobalt are horizontally and vertically delineated to below their corresponding groundwater protection standards (GWPS). Efforts to evaluate and confirm delineation of lithium to below its respective GWPS are ongoing by Georgia Power.

1.1 Site Description and Background

Plant Wansley is located on approximately 5,200 acres about 12 miles southeast of the City of Carrollton, Georgia. Although the majority of the plant property lies within Heard

County, the physical address of and entrance to the plant is 1371 Liberty Church Road, Carrollton, Carroll County, Georgia. The plant property is bounded on the east and southeast by the Chattahoochee River, and sparsely populated, forested, rural, and agricultural land to the north, south, and west. AP-1 is a 343-acre surface impoundment located northwest of the plant (**Figure 1**), which was designed to receive and store CCR materials. AP-1 began receiving process water containing fly ash and bottom ash in 1976. As of April 2019, all process-related flows from the plant to AP-1 have ceased. Georgia Power has elected to close Plant Wansley AP-1 by removal and will conduct closure activities in accordance with § 257.102 and corresponding Rule 391-3-4-.10(7)(b). The proposed closure by removal approach provides a source control measure that reduces the potential for migration of CCR constituents to groundwater. Details of the closure approach are provided in the Written Closure Plan, published to Georgia Power's CCR Rule Compliance website. Closure permit no. 074-006D(CCR) was approved by GA EPD on March 6, 2025.

1.2 Regional Geology and Hydrogeologic Setting

The following section summarizes the geologic and hydrogeologic conditions at AP-1 as described in the *Hydrogeologic Assessment Report Revision 05 – Plant Wansley* (HAR Rev 05) submitted to GA EPD in support of the AP-1 solid waste handling permit (Geosyntec, 2025a).

1.2.1 Regional and Site Geology

Plant Wansley is located within the Piedmont Physiographic Province (Piedmont) of western Georgia, which is characterized by gently rolling hills with locally pronounced low, linear ridges, trending northeast-southwest, and separated by valleys. Over geologic time, the Piedmont has been subjected to multiple events of uplift, folding and faulting, alternation, and erosion.

The Piedmont Province is generally underlain by a variably thick blanket of overburden, which is comprised of residual and saprolitic soils derived from the in-place weathering of bedrock. Near the ground surface, soils are generally silt- and clay-rich, with fine-sand and sand becoming more prominent with depth. With increasing depth, the weathered materials tend to retain details of the structural features of the underlying bedrock. Occasional deposits of alluvium are present in valleys and drainage features. A mantle of partially weathered rock (PWR) and the upper fractured portion of the bedrock in the Piedmont comprises a zone often referred to as the "transition zone."

Bedrock in the Piedmont is predominately composed of metamorphic rock of Precambrian to Paleozoic age. The Site is underlain by several bedrock types consisting of graphitic schist, muscovite schist, biotite schist, schist with interlayered mafic units, amphibolite/hornblende gneiss, granitic gneiss, and feldspathic quartzite as identified in boring logs. Saprolitic soils were described at variable thickness across the Site but were generally encountered at or near ground surface. As is characteristic of this province, the Site has two pronounced ridges, one on the northwest side of AP-1 and one on the southeast side of AP-1, as well as smaller rolling hills along the western property boundary.

1.2.2 Hydrogeologic Setting

While the aquifer characteristics of each lithologic unit may vary, the groundwater is interconnected between these units, and they effectively act as one, unconfined aquifer. The uppermost aquifer at AP-1 occurs in the regolith (the overburden and PWR) and upper fractured portion of bedrock. According to previous site investigations, the potentiometric surface is a subdued reflection of the topography. The top of bedrock surface also generally follows topography and likely controls groundwater flow direction in the uppermost aquifer. Because of the steep topography at the Site and variable lithologic framework, the depth to the water table is variable, ranging from approximately 1 to 50 feet below ground surface (ft bgs). The regional groundwater flow direction is expected to be to the southeast; however, in topographically high areas south of AP-1, shallower water table elevations are noted within the saprolite and PWR, and hydraulic gradients indicate localized flow northward (or inward) toward the pond.

Groundwater in the saprolite and PWR is hydraulically connected to the bedrock via fractures and deeply weathered areas of the rock. Recharge is by precipitation infiltrating through the saprolite to the bedrock. Based on observations of soil types and horizontal conductivity values, the movement of groundwater in the saprolite is very slow and likely acts as flow through a low-permeability porous media. Groundwater flow in the bedrock is restricted entirely to flow through fractures. Visual observations and geophysical logging during field investigations indicate a general trend of decreasing fracture aperture and density with depth, consistent with regional geologic trends.

1.3 Groundwater Monitoring Well Network

In accordance with § 257.91, a groundwater monitoring system was installed at AP-1 that consists of a sufficient number of wells installed at appropriate locations and depths to yield groundwater samples from the uppermost aquifer to represent the groundwater quality both upgradient of AP-1 (i.e., background conditions) and passing the waste

boundary of AP-1. The number, spacing, and depths of the groundwater monitoring wells, referred to as "detection monitoring wells", were selected based on the characterization of site-specific hydrogeologic conditions. The monitoring network was enhanced between December 2024 and March 2025 through the installation of thirteen new detection monitoring wells and the conversion of six existing piezometers to detection monitoring wells. To establish background conditions, the first four of eight quarterly sampling events were conducted in August 2025, November 2025, February 2026, and May 2026. The fifth and sixth events are scheduled for the third and fourth quarters of 2026, respectively. Following GA EPD's approval of the Minor Modification to revise the AP-1 permit boundary on July 23, 2025, and completion of the November 2025 quarterly sampling event, WGWC-42 (shown on **Figure 2**) was reclassified from a detection well to an assessment well. WGWC-42 was sampled in January 2026 and subsequently replaced in February 2026 to facilitate ongoing construction activities near AP-1. After the February 2026 assessment monitoring event, WGWC-42A was installed in April 2026 as a replacement well for WGWC-42.

As part of the assessment monitoring program, assessment monitoring wells have been installed since 2020 to supplement the pre-existing detection monitoring wells and characterize the nature and extent of beryllium, cobalt, and lithium in groundwater downgradient of AP-1. Pursuant to § 257.95(g)(1)(iv), the wells classified as "assessment monitoring wells" will continue to be sampled concurrently with the detection monitoring well network as part of the ongoing assessment groundwater monitoring program.

An on-site network of piezometers is used in combination with the detection and assessment monitoring well networks to gauge groundwater levels to define groundwater flow direction and gradients. The piezometers may be sampled as needed to support the ACM program.

The locations of the detection monitoring wells, assessment monitoring wells, and piezometers are shown on **Figure 2**; well and piezometer construction details are listed in **Table 1**.

2.0 GROUNDWATER MONITORING ACTIVITIES

In accordance with § 257.90(e), the following describes monitoring-related activities performed during the semiannual reporting period and discusses any changes in status of the monitoring program. Groundwater sampling was performed in accordance with § 257.93.

2.1 Monitoring Well Installation and Maintenance

On February 2, 2026, assessment monitoring well WGWC-42 was abandoned to facilitate ongoing construction activities near AP-1 and was subsequently replaced by assessment monitoring well WGWC-42A on April 21, 2026. The replacement well location is shown on **Figure 2**. Documentation of the abandonment (Geosyntec, 2026a) and replacement well installation, including a detailed boring and well construction log (Geosyntec, 2026b), was submitted to GA EPD and is provided in **Appendix A**.

On July 9, 2026, piezometers PZ-32D and PZ-33D were abandoned to facilitate ongoing construction activities near AP-1. Documentation of the abandonment (Geosyntec, 2026c) was submitted to GA EPD and is provided in **Appendix A**.

The well and piezometer networks are inspected semiannually to evaluate if any repairs or corrective actions are necessary to meet the requirements of the Georgia Water Well Standards Act (O.C.G.A. § 12-5-134(5)(d)(vii)). In February 2026, the networks were inspected, as documented in **Appendix B**. In February 2026, the inspection confirmed that no corrective actions were required. This documentation was prepared under the direction of a professional geologist or engineer registered in the State of Georgia.

2.2 Assessment Monitoring

Georgia Power initiated an assessment monitoring program for groundwater at AP-1 in January 2018 based on statically significant increases (SSIs) of Appendix III constituents documented in the *2017 Annual Groundwater Monitoring and Corrective Action Report* (ERM, 2018). A notice of assessment monitoring was placed in the operating record on May 15, 2018. Currently identified SSLs of Appendix IV constituents exceeding their respective GWPS at AP-1 are beryllium in WGWC-20 and WGWC-24, cobalt in WGWC-24, and lithium in WGWC-19, WGWC-20, WGWC-21, and WGWC-28D.

Pursuant to § 257.96, an ACM program was initiated for AP-1 in October 2022. An *Assessment of Corrective Measures Report* (ACM Report) for AP-1 was submitted to GA EPD on March 24, 2023 (Geosyntec, 2023). In accordance with § 257.96(b), groundwater

continues to be monitored at AP-1 under the assessment monitoring program while the ACM phase is implemented.

In support of the routine assessment monitoring program, the first 2026 semiannual assessment monitoring event was conducted in February 2026, with the exception of WGWC-42, which was sampled in January 2026 prior to its abandonment in February 2026. Replacement assessment monitoring well WGWC-42A was sampled for the first time during the July 2026 sampling event. The wells sampled and the dates the samples were collected at AP-1 during the semiannual reporting period are summarized in **Table 2**. Details of the events and analytical results are discussed in Section 3.

2.3 Additional Groundwater and Surface Water Sampling

The third and fourth of eight planned quarterly sampling events were conducted in February 2026 and May 2026, respectively. Samples were analyzed for the full list of Appendix III and Appendix IV parameters to establish background conditions following the monitoring network enhancements requested by GA EPD (Section 1.3), with the exceptions noted below.

Replacement detection monitoring well WGWC-8A was sampled during the May 2026 quarterly sampling event; however, it was not sampled in February because the well purged dry. Similarly, detection monitoring well WGWC-41 purged dry and could not be sampled during the May 2026 event. These wells will continue to be evaluated during future sampling events and, if deemed necessary, will be replaced. The wells sampled and the sampling dates are summarized in **Table 2**, and associated field forms and laboratory reports are provided in **Appendix C**.

Additional groundwater samples were collected from the detection monitoring well network during the February 2026 assessment monitoring event and were analyzed for major cations, major anions, iron, manganese, and sulfide. These data were collected in support of ACM efforts. The laboratory reports associated with the data are provided in **Appendix C**.

Other supplemental groundwater sampling activities were conducted in February 2026 to support ACM activities and evaluate constituent delineation. PZ-31 was sampled for Appendix III, Appendix IV, and select geochemical parameters to provide additional data for beryllium and cobalt delineation and to assess groundwater flow conditions near WGWC-24. Additionally, PZ-23D, PZ-32D, and PZ-33D were sampled for Appendix III parameters, lithium, and select geochemical parameters in support of ACM efforts and to

further evaluate lithium concentrations in groundwater. The laboratory reports associated with the data are provided in **Appendix C**.

In support of risk evaluation efforts, Georgia Power collected surface water samples from the Chattahoochee River at locations upstream and downstream of AP-1 in February 2026. The field sampling forms and laboratory reports associated with the surface water sampling are provided in **Appendix C**.

3.0 SAMPLING METHODOLOGY AND ANALYSES

The following section presents a summary of the field sampling procedures that were implemented, and the groundwater sampling results that were obtained in connection with the assessment monitoring program conducted at AP-1 during the semiannual reporting period.

3.1 Groundwater Level Measurement

A synoptic round of depth-to-groundwater-level measurements was recorded from the AP-1 wells and piezometers during the February 2026 assessment monitoring event and used to calculate the corresponding groundwater elevations, which are presented in **Table 3**. The February 2026 elevations reported are generally representative of the groundwater elevations reported for prior monitoring events.

The groundwater elevation data were used to prepare potentiometric surface map for the February 2026 event, which is presented on **Figure 3**. Groundwater in the AP-1 area flows under the influence of topography and generally flows inward towards AP-1 with the exception of a minor component of flow from AP-1 in a localized area near the eastern corner of AP-1. In February, the inward groundwater flow direction observed at WGWC-24, confirmed by water level measurements collected from PZ-31, was consistent with previous observations.

3.2 Groundwater Gradient and Flow Velocity

The horizontal groundwater hydraulic gradients within the uppermost aquifer at AP-1 were calculated using the groundwater elevation data from the February 2026 gauging event. In February 2026, hydraulic gradients were calculated along the flow paths between PZ-01 and WGWC-17 and between WGWC-20 and WGWC-27. The supporting calculations are presented in **Table 4** and the locations of the flow paths used in the calculations and associated potentiometric contour lines are shown on **Figure 3**. For the semiannual reporting period, the calculated hydraulic gradient between PZ-01 and WGWC-17 is 0.090 feet per foot (ft/ft), and the calculated hydraulic gradient between WGWC-20 and WGWC-27 is 0.040 ft/ft.

The approximate horizontal flow velocities associated with AP-1 were calculated using the following derivative of Darcy's Law. The calculations are presented in **Table 4**.

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

where:

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

K_h = Horizontal hydraulic conductivity $\left(\frac{feet}{day}\right)$

i = Horizontal hydraulic gradient $\left(\frac{feet}{foot}\right) = \frac{h_1 - h_2}{L}$

h_1 and h_2 = Groundwater elevation at location 1 and 2

L = Distance between location 1 and 2

n_e = Effective porosity

The average horizontal hydraulic conductivity (K_h) for AP-1 of 6.0 x 10^{-5} centimeters per second (cm/sec) (0.17 feet per day [ft/day]) was computed from previous slug test data obtained from testing of wells at AP-1 (Geosyntec, 2025a). An estimated effective porosity of 0.10 is used to represent average conditions at AP-1, derived based on review of literature (Driscoll, 1986; Freeze and Cherry, 1979), observed site lithology, and professional judgement. With these variables defined, and accounting for the hydraulic gradients discussed above for the February 2026 gauging event, the calculated groundwater flow velocity for the semiannual reporting period was approximately 0.153 ft/day (PZ-01 to WGWC-17) and 0.068 ft/day (WGWC-20 to WGWC-27), for an average groundwater flow velocity in the vicinity of AP-1 of 0.111 ft/day, or approximately 40.3 feet per year (ft/year). The observed groundwater flow velocities are consistent with historical observations.

3.3 Groundwater Sampling Procedures

Groundwater samples were collected using low-flow sampling procedures in accordance with § 257.93(a). Purging and sampling was performed using dedicated bladder pumps with dedicated tubing, non-dedicated bladder pumps, and peristaltic pumps. For wells sampled with non-dedicated bladder pumps and peristaltic pumps, the pump intake was lowered to the midpoint of the well screen (or as appropriate based on the groundwater level). Non-dedicated bladder pump and peristaltic pump samples were collected using new disposable polyethylene tubing; all non-dedicated tubing was disposed of following the sampling event. All non-disposable equipment was decontaminated before use and between well locations.

An in-situ water quality field meter (SmarTroll, Aqua TROLL, or similar) was used to monitor and record field water quality parameters [i.e., pH, conductivity, dissolved oxygen (DO), temperature, and oxidation reduction potential (ORP)] during well purging to verify stabilization prior to sampling. Turbidity was measured using a LaMotte 2100Q (or similar) portable turbidimeter. Groundwater samples were collected when the following stabilization criteria were met:

- pH ± 0.1 standard units (s.u.)
- Conductivity ± 5%
- ± 0.2 milligrams per liter (mg/L) or ± 10% (whichever is greater) for DO > 0.5 mg/L. No criterion applies if DO < 0.5 mg/L, record only.
- Turbidity measured less than 5 nephelometric turbidity units (NTU) or measured between 5 and 10 NTU following three hours of purging.

Following purging, and once stabilization was achieved, unfiltered samples were collected into appropriately preserved laboratory-supplied sample containers. Sample bottles were placed in ice-packed coolers and submitted to Eurofins Environment Testing America (Eurofins) in Savannah, Georgia, following chain-of-custody protocol. The field sampling and equipment calibration forms generated during the 2026 semiannual reporting period are provided in **Appendix C**.

WGWC-8A and WGWC-41 purged dry during the February 2026 assessment sampling event and the February 2026 quarterly background sampling event, respectively. Both wells were successfully sampled the following day; however, during the May 2026 quarterly sampling event, WGWC-41 purged dry and did not adequately recharge for sampling during the sampling event. Georgia Power will continue to assess the need for replacement wells.

3.4 Laboratory Analyses

Laboratory analyses were performed by Eurofins, which is accredited by the National Environmental Laboratory Accreditation Program (NELAP). Eurofins maintains a NELAP certification for the Appendix III and Appendix IV constituents and the geochemical parameters analyzed for this project. Analytical methods used for groundwater sample analyses, and associated results, are listed in the analytical laboratory reports included in **Appendix C**. The groundwater analytical results from the semiannual reporting period are summarized in **Table 5**.

3.5 Quality Assurance and Quality Control Summary

Quality assurance/quality control (QA/QC) samples were collected during the groundwater monitoring events at the minimum rate of one set of QA/QC samples per 10 groundwater samples. One set of QA/QC samples included the following: field duplicate, equipment blank (where non-dedicated sampling equipment was used), and field blank samples. QA/QC samples were collected in appropriately preserved laboratory-supplied sample containers and submitted under the same chain of custody as the primary samples for analysis of the same constituents by Eurofins.

In addition to collecting QA/QC samples, the data were validated based on the pertinent methods referenced in the laboratory reports, professional and technical judgment, and applicable federal guidance documents (USEPA, 2011; USEPA, 2017). Where necessary, the data were qualified with supporting documentation and justifications. The validated data meet project objectives and the associated data validation reports are provided in **Appendix C** with the laboratory reports.

4.0 STATISTICAL ANALYSIS

The following section summarizes the statistical analysis of Appendix III groundwater monitoring data performed pursuant to § 257.93. In addition, pursuant to § 257.95(d)(2), Georgia Power established GWPS for the Appendix IV constituents and completed statistical analyses of the Appendix IV groundwater monitoring data obtained during the semiannual reporting period. The data were analyzed by Groundwater Stats Consulting (GSC); the report generated from the analyses are provided in **Appendix D**.

4.1 Statistical Methods

Groundwater data from the semiannual reporting period were statistically analyzed in accordance with the site's *Groundwater Monitoring Plan* (Geosyntec, 2025b). The Sanitas groundwater statistical software was used to perform the statistical analyses. Sanitas is a decision-support software package that incorporates the statistical tests required of Subtitle C and D facilities by USEPA regulations and guidance as recommended in the USEPA document *Statistical Analysis of Groundwater Data at RCRA Facilities Unified Guidance* (Unified Guidance) (USEPA, 2009).

Appendix III statistical analysis was performed to assess if Appendix III constituents have returned to background levels. Appendix IV constituents were evaluated to assess if concentrations statistically exceeded the established GWPS. Detailed statistical methods used for Appendix III and Appendix IV constituents are discussed in the statistical analysis reports provided in **Appendix D** and summarized in Sections 4.1.1 and 4.1.2. The GWPS were finalized pursuant to § 257.95(d)(2) and presented in **Table 6**.

4.1.1 Appendix III Statistical Methods

Based on guidance from GA EPD, statistical tests used to evaluate the groundwater monitoring data consist of interwell prediction limits (PL) combined with a 1-of-2 verification resample plan for each of the Appendix III constituents. Interwell PLs 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 background limit for each constituent to assess whether there are SSIs. An "initial exceedance" occurs when an Appendix III constituent reported in the groundwater of a downgradient detection monitoring well exceeds the constituent's associated PL. The 1-of-2 resample plan allows for collection of an independent resample. A confirmed exceedance is noted only when the resample confirms the initial exceedance by also exceeding the statistical limit. If the resample falls within its respective PL, no exceedance is declared.

4.1.2 Appendix IV Statistical Methods

To statistically compare groundwater data to GWPS, confidence intervals are constructed for each of the detected Appendix IV constituents in each downgradient detection monitoring well with a data set consisting of a minimum of four samples. In accordance with Section 21.1.1 of the Unified Guidance (USEPA, 2009), four independent data are the minimum population size recommended to construct confidence intervals required to assess SSLs of Appendix IV constituents. Due to previous non-routine sampling, some Appendix IV constituents at a well location have differing number of analytical data points.

The confidence intervals are compared to the GWPS. Only when the entire confidence interval is above a GWPS is the well/constituent pair considered to exceed its GWPS. If a confidence interval exceeds a GWPS, an SSL exceedance is identified.

USEPA revised the federal CCR Rule on July 30, 2018, updating GWPS for cobalt, lead, lithium, and molybdenum. As described in § 257.95(h)(1-3), the GWPS is defined by the below criteria. These criteria were adopted into the GA EPD Rules for Solid Waste Management 391-3-4-.10 on February 22, 2022.

(1) The maximum contaminant level (MCL) established under § 141.62 and 141.66.

(2) Where an MCL has not been established:

(i) Cobalt 0.006 mg/L;

(ii) Lead 0.015 mg/L;

(iii) Lithium 0.040 mg/L; and

(iv) Molybdenum 0.100 mg/L.

(3) Background levels for constituents where the background level is higher than the MCL or rule-specified GWPS.

Following the above requirements, GWPS have been established for statistical comparison of Appendix IV constituents and are presented in **Table 6**.

4.2 Statistical Analyses Results

Based on review of the Appendix III statistical analysis discussion presented in **Appendix D**, groundwater conditions have not returned to background levels and assessment monitoring should continue. Based on the statistical analyses of Appendix IV constituents, the following constituent(s) exceeded the GWPS during the semiannual reporting period:

4.2.1 February 2026 Data

- Beryllium: WGWC-20 and WGWC-24
- Cobalt: WGWC-24
- Lithium: WGWC-19, WGWC-20, WGWC-21, and WGWC-28D

Wells with SSLs were further evaluated using the Sen's Slope/Mann Kendall trend test (**Appendix D**). Statistically significant decreasing trends were identified for beryllium and cobalt in WGWC-24. A statistically significant increasing trend was identified for lithium in WGWC-19, WGWC-20, and WGWC-21. No statistically significant trends were identified for beryllium in WGWC-20 or lithium in WGWC-28D. (**Appendix D**).

4.2.2 Summary of Statistical Analyses

The SSLs identified for the semiannual reporting period are consistent with the 2025 annual reporting period. Additional data collection and evaluation of lithium SSLs in WGWC-19, WGWC-20, WGWC-21, and WGWC-28D is ongoing to support ACM efforts, as appropriate.

5.0 NATURE AND EXTENT

Based on the groundwater data presented herein, the SSLs identified at Plant Wansley have been delineated as follows:

- Beryllium in WGWC-20: Horizontally delineated by WGWC-27 and vertically delineated by WGWC-28D to below the established GWPS (0.004 mg/L).

- Lithium in WGWC-20: Horizontally delineated by WGWC-27 and WGWC-42 to below the established GWPS (0.040 mg/L). Vertical delineation is currently being pursued with the installation of an assessment monitoring well screened at a depth greater than WGWC-28D (i.e., >210 ft bgs).

- Beryllium in WGWC-24: Vertically delineated by PZ-26D to below the established GWPS. Horizontally delineated by the groundwater flow direction and by PZ-31. The groundwater flow direction observed at WGWC-24 is inward to AP-1 (confirmed by water level measurements collected from PZ-31, as shown on **Figure 3**). In addition, the statistically determined confidence interval of beryllium concentrations in PZ-31 is less than the applicable GWPS, thereby horizontally delineating WGWC-24.

- Cobalt in WGWC-24: Vertically delineated by PZ-26D to below the established GWPS. Horizontally delineated by the groundwater flow direction and by PZ-31. The groundwater flow direction observed at WGWC-24 is inward towards AP-1 (confirmed by water level measurements collected from PZ-31, as shown on **Figure 3**). In addition, the confidence interval of cobalt concentrations in PZ-31 is less than the applicable GWPS, thereby horizontally delineating WGWC-24.

- Lithium in WGWC-19: Horizontally delineated by WAMW-2. Vertical delineation is provided by the confidence interval of lithium concentrations in WAMW-1; however, concentrations reported in the well for the previous two sampling events exceed the GWPS. Georgia Power will monitor the lithium concentration trend in WAMW-1 and apply adaptive site management strategy as necessary to maintain vertical delineation of the lithium SSL in WGWC-19. Should GA EPD approve the current ASD Addendum, the lithium delineation will be reevaluated.

- Lithium in WGWC-21: Horizontally delineated based on inward groundwater flow direction towards AP-1 as observed at WGWC-21 relative to WGWC-41 (**Figure 3**). Vertical delineation is continuing to be evaluated. However, the

current ASD Addendum presents evidence indicating the lithium reported in WGWC-21 does not originate from AP-1. EPD evaluation of the ASD Addendum will prompt reevaluation of the delineation in this well.

- Lithium in WGWC-28D: Horizontal and vertical delineation are ongoing. As noted above, an adjacent well will be installed to evaluate vertical delineation of lithium reported in WGWC-28D.

Georgia Power will continue to monitor the assessment monitoring wells and adaptively manage the Site as new data become available.

5.1 Alternate Source Demonstration

In August 2026, Georgia Power submitted a second addendum (referred to herein as the "2026 ASD Addendum" [Geosyntec, 2026d]) to the original ASD (ACC, 2019) prepared in 2018 and subsequent 2021 ASD Addendum (Geosyntec, 2021). The 2018 ASD and 2021 ASD Addendum presented multiple lines of evidence illustrating that the SSL of lithium detected in WGWC-19 was naturally derived from underlying bedrock and not associated with AP-1. In a letter dated September 26, 2024, GA EPD stated the agency's nonconcurrence with the presented findings, but that a revised ASD could be submitted if new information became available in support of this hypothesis. Subsequently, Georgia Power has collected additional data to further support the natural occurrence of lithium in WGWC-19 and expanded the ASD to address the lithium SSL in WGWC-21 that was identified following submittal of the 2021 ASD Addendum.

The 2026 ASD Addendum evaluations for WGWC-19 and WGWC-21 are supported by multiple independent lines of evidence indicating that elevated lithium concentrations are attributable to naturally occurring lithium in the bedrock rather than CCR-related releases. The lines of evidence evaluated include: (i) lack of elevated CCR indicator parameter concentrations and distinct geochemical signatures relative to AP-1 porewater; (ii) application of multiple specialized laboratory analytical methods to ascertain naturally occurring lithium concentrations within site-specific rock core samples and the mineral structure; (iii) stable isotope analysis of lithium and strontium within the porewater and groundwater; and (iv) evaluation of differing lithologies between background and downgradient conditions to statistically derive a site-specific GWPS.

In consideration of the evidence presented in the 2026 ASD Addendum, and pending agency approval, Georgia Power proposes to revise the lithium GWPS to a site-specific value of 0.087 mg/L for use in future semiannual assessment monitoring events. The

above lines of evidence and statistical basis for this background value are detailed in the 2026 ASD Addendum provided in **Appendix E**.

6.0 MONITORING PROGRAM STATUS

6.1 Assessment Monitoring Status

Pursuant to § 257.96(b), Georgia Power will continue to monitor the groundwater at AP-1 in accordance with the assessment monitoring program regulations of § 257.95 while ACM efforts are implemented to address SSLs of beryllium, cobalt, and lithium in select AP-1 wells. Pursuant to § 257. 95(g)(1)(iv), assessment monitoring wells installed in support of the ACM program will be sampled as part of the ongoing assessment groundwater monitoring program.

6.2 Assessment of Corrective Measures

The ACM efforts completed during this semiannual reporting period are presented in the *Semiannual Remedy Selection and Design Progress Report* provided in **Appendix F.** The semiannual progress report summarizes:

(i) The current conceptual site model (CSM) applicable to evaluating groundwater corrective measures proposed in the ACM Report (Geosyntec, 2023).

(ii) Summary of work completed to date to achieve delineation of constituents exceeding GWPS and a summary of data collected to date to support remedy selection.

(iii) The status of evaluating applicable corrective measures at the Site.

(iv) The planned activities and anticipated schedule for the following semiannual reporting period.

In accordance with § 257.97(a), Georgia Power will include future semiannual progress reports with each groundwater monitoring and corrective action report to document results associated with additional data collection, and present progress toward selection and design of a groundwater remedy.

7.0 CONCLUSIONS AND FUTURE ACTIONS

This *2026 Semiannual Groundwater Monitoring and Corrective Action Report* for Plant Wansley AP-1 was prepared to fulfill the requirements of the federal CCR Rule and GA EPD Rules for Solid Waste Management 391-3-4-.10. Statistical analyses of the groundwater monitoring data for the AP-1 well network confirmed the continued presence of SSLs of beryllium in WGWC-20 and WGWC-24, cobalt in WGWC-24, and lithium in WGWC-19, WGWC-20, WGWC-21, and WGWC-28D above the corresponding GWPS. The delineation status of these SSLs is described in Section 5. Georgia Power submitted an ASD Addendum to GA EPD in August 2026, demonstrating that the SSLs of lithium in WGWC-19 and WGWC-21 are likely the result of naturally occurring lithium in bedrock and not a release from AP-1.

In accordance with GA EPD Rule 391-3-4-.10(6) and § 257.96, Georgia Power initiated an ACM program for the Site on October 27, 2022. Georgia Power will continue to monitor AP-1 groundwater under the assessment monitoring program as aspects of the ACM program are implemented to address the Appendix IV SSLs. The next routine semiannual assessment monitoring event is scheduled for July 2026.

8.0 REFERENCES

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TABLES

Table 1
Monitoring Well Network Summary
Georgia Power Company
Plant Wansley - Ash Pond 1
Heard and Carroll Counties, GA

Well ID	Well Designation	Location	Northing	Easting	Ground Surface Elevation (feet)	Top of Casing Elevation (feet)	Top of Screen Elevation (feet)	Bottom of Screen Elevation (feet)	Total Well Depth from (Feet Below Top of Casing)	Groundwater Zone Screened	Installation Date
WGWA-1	Detection	Upgradient	1250656.10	2035580.71	780.37	782.93	663.37	653.37	129.56	PWR	10/21/2015
WGWA-2	Detection	Upgradient	1251556.40	2035590.11	755.77	758.23	665.77	655.77	102.46	PWR/Bedrock	10/16/2015
WGWA-3	Detection	Upgradient	1240848.21	2022350.10	826.63	828.91	820.23	810.23	19.08	Saprolite/Bedrock	12/15/2014
WGWA-4	Detection	Upgradient	1240879.58	2022339.66	831.33	834.34	780.43	760.43	74.31	Bedrock	01/13/2015
WGWA-6	Detection	Upgradient	1241932.02	2022360.58	894.62	897.13	822.62	792.62	104.91	Bedrock	01/13/2015
WGWA-7	Detection	Upgradient	1243338.63	2023843.81	894.49	897.33	867.69	857.69	40.04	Bedrock	12/22/2014
WGWA-18	Detection	Upgradient	1244592.56	2025580.71	875.47	878.02	848.47	838.47	39.95	Saprolite/Bedrock	12/16/2014
WGWC-8A	Detection	Downgradient	1243131.88	2029522.99	803.72	806.60	735.72	725.72	81.21	Bedrock	10/22/2025
WGWC-9	Detection	Downgradient	1242801.12	2029115.75	809.33	812.03	760.93	750.93	61.50	PWR	12/04/2014
WGWC-10	Detection	Downgradient	1240971.96	2026725.61	809.61	812.38	673.61	663.61	148.77	Saprolite/PWR	10/27/2015
WGWC-11	Detection	Downgradient	1240860.18	2025773.39	821.44	823.96	783.14	773.14	51.22	Saprolite	12/08/2014
WGWC-12	Detection	Downgradient	1240827.68	2025755.99	820.57	823.04	756.57	746.57	76.47	Bedrock	10/22/2015
WGWC-13	Detection	Downgradient	1240610.93	2024585.91	807.32	809.78	734.32	714.32	95.46	Bedrock	11/04/2015
WGWC-14A	Detection	Downgradient	1240604.54	2024599.63	808.20	810.94	778.20	768.20	42.74	Saprolite/PWR	01/31/2017
WGWC-15	Detection	Downgradient	1240483.16	2023912.92	802.03	804.69	758.53	748.53	56.16	Bedrock	11/11/2015
WGWC-16	Detection	Downgradient	1240480.46	2023903.77	801.72	804.21	779.72	769.72	34.50	Saprolite/PWR	11/11/2015
WGWC-17	Detection	Downgradient	1240052.06	2022623.82	813.36	816.00	730.36	720.36	95.94	Bedrock	11/06/2015
WGWC-19	Detection	Downgradient	1241851.51	2028949.19	780.60	783.42	698.60	688.60	94.82	Bedrock	10/28/2015
WGWC-20	Detection	Downgradient	1243350.76	2029769.43	804.88	807.95	775.18	765.18	43.17	Bedrock	09/29/2020
WGWC-21	Detection	Downgradient	1242139.33	2028512.65	831.79	834.41	773.11	763.11	71.70	Bedrock	10/02/2020
WGWC-22	Detection	Downgradient	1241695.25	2028116.05	807.00	810.37	776.92	766.92	43.85	PWR/Bedrock	10/18/2020
WGWC-23	Detection	Downgradient	1240769.79	2027414.58	820.50	823.80	780.40	770.40	53.80	PWR	10/04/2020
WGWC-24	Detection	Downgradient	1239916.68	2024139.82	802.22	804.80	774.43	764.43	40.77	PWR	10/17/2020
WGWC-25	Detection	Downgradient	1240184.18	2023616.69	805.98	808.98	779.51	769.51	39.87	Saprolite/PWR	10/28/2020
WGWC-30	Detection	Downgradient	1240032.73	2022624.29	812.44	815.20	792.03	782.03	33.50	Saprolite	12/09/2024
WGWC-31D	Detection	Downgradient	1240831.55	2027168.07	811.79	814.61	734.54	724.54	90.40	Bedrock	12/09/2024
WGWC-31S	Detection	Downgradient	1240831.58	2027173.44	811.74	814.69	782.45	772.45	42.57	Saprolite/PWR	12/06/2024
WGWC-32	Detection	Downgradient	1241721.24	2028131.52	807.70	810.23	786.16	776.16	34.40	PWR	12/10/2024
WGWC-33	Detection	Downgradient	1242764.83	2029104.26	809.71	812.09	784.72	774.72	37.70	PWR	12/11/2024
WGWC-34D	Detection	Downgradient	1245303.30	2027822.22	806.31	806.04	724.21	714.21	92.15	Saprolite	03/09/2025
WGWC-34S	Detection	Downgradient	1245294.99	2027830.72	806.28	805.77	769.50	759.50	46.60	Dike Material	03/19/2025
WGWC-35D	Detection	Downgradient	1244985.87	2028140.13	806.27	806.02	698.55	688.55	117.80	Saprolite	03/06/2025
WGWC-35S	Detection	Downgradient	1244973.26	2028152.75	806.24	805.95	755.68	745.68	60.60	Dike Material	02/26/2025
WGWC-36D	Detection	Downgradient	1244524.68	2028595.96	805.81	805.56	689.79	679.79	126.10	Dike Material/Saprolite	02/24/2025
WGWC-36S	Detection	Downgradient	1244517.48	2028601.76	805.81	805.62	758.25	748.25	57.70	Dike Material	02/21/2025
WGWC-37D	Detection	Downgradient	1244304.90	2028853.29	805.77	805.24	688.69	678.69	126.95	Saprolite/PWR/Bedrock	11/01/2020
WGWC-37S	Detection	Downgradient	1244317.13	2028839.68	805.80	805.30	770.28	760.28	45.42	Dike Material	10/31/2020
WGWC-38D	Detection	Downgradient	1243855.62	2029276.99	806.37	806.15	726.72	716.72	89.75	PWR	01/31/2025
WGWC-38S	Detection	Downgradient	1243844.64	2029287.40	806.32	806.07	756.89	746.89	59.50	Dike Material	02/02/2025
WGWC-39	Detection	Downgradient	1240457.61	2025105.38	824.59	826.86	795.79	785.79	41.46	Saprolite	12/10/2014
WGWC-40	Detection	Downgradient	1240837.96	2026731.01	816.17	818.74	779.37	769.37	49.78	Saprolite	12/08/2014
WGWC-41	Detection	Downgradient	1242058.41	2028554.29	829.26	832.02	810.46	800.46	31.96	Bedrock	12/05/2014

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Georgia Power Company
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Heard and Carroll Counties, GA

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PZ-26D	Assessment	Downgradient	1239919.45	2024146.35	802.31	804.93	735.23	725.23	80.10	Bedrock	10/12/2020
WAMW-1	Assessment	Downgradient	1241843.66	2028944.63	780.05	782.66	668.40	658.40	124.60	Bedrock	09/16/2018
WAMW-2	Assessment	Downgradient	1241547.56	2028806.27	768.39	770.82	694.19	684.19	86.92	Bedrock	09/14/2018
WGWC-27	Assessment	Downgradient	1243215.51	2029878.92	778.05	780.54	749.15	739.15	41.69	Bedrock	09/27/2022
WGWC-28D	Assessment	Downgradient	1243337.13	2029751.04	805.36	808.24	609.06	599.06	209.58	Bedrock	08/18/2023
WGWC-42	Assessment	Downgradient	1243496.86	2030132.73	784.45	787.30	759.45	749.45	37.85	Saprolite	01/31/2017
WGWC-42A	Assessment	Downgradient	1243511.01	2030133.39	775.74	778.26	759.57	749.57	29.02	Saprolite/PWR	04/21/2026
PZ-01	Piezometer	Upgradient	1240249.86	2022319.93	853.91	856.72	817.81	807.81	49.31	Bedrock	12/12/2014
PZ-04	Piezometer	Upgradient	1242592.03	2023595.91	886.13	889.01	878.93	868.93	20.48	Saprolite/Bedrock	12/22/2014
PZ-06	Piezometer	Upgradient	1244382.89	2024661.39	912.30	915.15	898.60	888.60	26.94	Bedrock	12/17/2014
PZ-08	Piezometer	Upgradient	1245514.59	2026807.30	864.65	867.29	836.85	826.85	40.84	Saprolite/Bedrock	12/15/2014
PZ-16	Piezometer	Downgradient	1239419.77	2023662.22	798.05	800.70	785.05	775.05	26.15	Saprolite	12/11/2014
PZ-17	Piezometer	Downgradient	1239270.02	2023086.50	828.54	831.01	789.84	779.84	51.57	Saprolite	12/11/2014
PZ-18	Piezometer	Downgradient	1239569.52	2022299.20	812.10	814.51	788.20	778.20	36.71	Saprolite	12/11/2014
PZ-23D	Piezometer	Downgradient	1242139.53	2028520.87	831.89	834.32	749.92	739.92	94.80	Bedrock	10/02/2020
PZ-27D	Piezometer	Downgradient	1240190.93	2023620.36	806.22	809.28	737.96	727.96	81.72	Bedrock	10/15/2020
PZ-28	Piezometer	Downgradient	1240066.02	2022624.73	813.57	816.18	753.68	743.68	72.90	Saprolite/PWR	10/29/2020
PZ-30	Piezometer	Downgradient	1240592.30	2027321.68	812.43	814.80	787.83	777.83	37.47	Saprolite/PWR	03/20/2024
PZ-31	Piezometer	Downgradient	1239941.77	2024324.33	807.86	810.90	778.96	768.96	42.45	Saprolite	03/22/2024
PZ-32D	Piezometer	Downgradient	1243211.88	2029886.45	777.14	776.74	461.74	451.74	325.30	Bedrock	10/17/2024
PZ-33D	Piezometer	Downgradient	1243211.76	2029886.78	777.14	776.74	381.74	371.74	405.30	Bedrock	10/17/2024
WGWC-8	Piezometer	Downgradient	1242929.40	2029644.58	777.70	780.08	730.70	720.70	59.38	Bedrock	10/29/2015
WGWA-5	Piezometer	Upgradient	1241997.94	2022368.85	899.28	902.15	888.88	878.88	23.66	Saprolite/PWR/Bedrock	12/23/2014
WGWC-14	Piezometer	Downgradient	1240621.86	2024584.92	806.87	809.50	764.87	754.87	54.63	PWR/Bedrock	11/05/2015
WGWC-26D	Piezometer	Downgradient	1243343.66	2029758.85	805.06	808.23	749.31	739.31	69.27	Bedrock	09/26/2022

Notes:
PWR = Partially Weathered Rock
(1) Wells were surveyed upon completion.
(2) Elevations shown are in datum NAVD88, which indicates feet (ft) in elevation referenced to the North American Vertical Datum 1988.
(3) Georgia State Plane NAD83 West Zone referenced for horizontal datum.
(4) Ground surface elevation measured at nail or known reference point on surface concrete pad.
(5) Groundwater Zone Screened references USCS ASTM 2488 Visual Manual Group Symbol or well survey.
(6) Well screen elevations are calculated by subtracting the depths to top and bottom of the well screen from the ground surface elevation.
(7) Total well depth accounts for sump if data provided on construction logs.
(8) Following the February 2025 assessment sampling event, PZ-29D, PZ-29S, PZ-15, PZ-12, PZ-10, and PZ-20 were reclassified to detection wells WGWC-37D, WGWC-37S, and WGWC-39 though WGWC-42, respectively.
(9) WAMW-2 was reclassified to an assessment well.
(10) WGWC-8 was reclassified to a piezometer following the August 2025 assessment sampling event. WGWC-8A was installed as a replacement of WGWC-8.
(11) WGWC-42 was transitioned to an assessment well following the November 2025 sampling events, and was abandoned following the January 2026 sampling event.
(12) PZ-32D and PZ-33D were abandoned on July 9, 2026.

Table 2
Groundwater Sampling Event Summary
Georgia Power Company
Plant Wansley - Ash Pond 1
Heard and Carroll Counties, GA

Well ID	Hydraulic Location	Well Designation	January 08 2026	February 09 2026 - February 12 2026	February 12 2026	February 09 2026 - February 13 2026	May 18 2026 - May 22 2026
			Assessment Event	3rd Background Event	Supplemental Event	Assessment Event	4th Background Event
WGWA-1	Upgradient	Detection				X	
WGWA-2	Upgradient	Detection				X	
WGWA-3	Upgradient	Detection				X	
WGWA-4	Upgradient	Detection				X	
WGWA-6	Upgradient	Detection				X	
WGWA-7	Upgradient	Detection				X	
WGWA-18	Upgradient	Detection				X	
WGWC-8A	Downgradient	Detection				X	X
WGWC-9	Downgradient	Detection				X	
WGWC-10	Downgradient	Detection				X	
WGWC-11	Downgradient	Detection				X	
WGWC-12	Downgradient	Detection				X	
WGWC-13	Downgradient	Detection				X	
WGWC-14A	Downgradient	Detection				X	
WGWC-15	Downgradient	Detection				X	
WGWC-16	Downgradient	Detection				X	
WGWC-17	Downgradient	Detection				X	
WGWC-19	Downgradient	Detection				X	
WGWC-20	Downgradient	Detection				X	
WGWC-21	Downgradient	Detection				X	
WGWC-22	Downgradient	Detection				X	
WGWC-23	Downgradient	Detection				X	
WGWC-24	Downgradient	Detection				X	
WGWC-25	Downgradient	Detection				X	
WGWC-30	Downgradient	Detection		X			X
WGWC-31D	Downgradient	Detection		X			X
WGWC-31S	Downgradient	Detection		X			X
WGWC-32	Downgradient	Detection		X			X
WGWC-33	Downgradient	Detection		X			X
WGWC-34D	Downgradient	Detection		X			X
WGWC-34S	Downgradient	Detection		X			X
WGWC-35D	Downgradient	Detection		X			X
WGWC-35S	Downgradient	Detection		X			X
WGWC-36D	Downgradient	Detection		X			X
WGWC-36S	Downgradient	Detection		X			X
WGWC-37D	Downgradient	Detection		X			X
WGWC-37S	Downgradient	Detection		X			X
WGWC-38D	Downgradient	Detection		X			X
WGWC-38S	Downgradient	Detection		X			X
WGWC-39	Downgradient	Detection		X			X
WGWC-40	Downgradient	Detection		X			X
WGWC-41	Downgradient	Detection		X			
WGWC-42	Downgradient	Assessment	X				
PZ-26D	Downgradient	Assessment				X	
WAMW-1	Downgradient	Assessment				X	
WAMW-2	Downgradient	Assessment				X	
WGWC-27	Downgradient	Assessment				X	
WGWC-28D	Downgradient	Assessment			X		
PZ-23D	Downgradient	Piezometer			X		
PZ-31	Downgradient	Piezometer				X	
PZ-32D	Downgradient	Piezometer			X		
PZ-33D	Downgradient	Piezometer			X		

Notes:
X = Indicates well sampled during event
NA = Not Applicable
(1) Assessment events and background events include Appendix III and Appendix IV analytes.
(2) WGWC-8 was transitioned to a piezometer following the November 2025 sampling events.
(3) WGWC-8A was installed as a replacement of WGWC-8.
(4) WGWC-42 was transitioned to an assessment well following the November 2025 sampling events, and was abandoned in February 2026 following the January 2026 sampling event.
(5) The assessment event for well WGWC-42 was conducted off-cycle in January 2026 prior to its abandonment in February 2026.
(6) WGWC-42A was installed in April 2026 as a replacement of WGWC-42.
(7) PZ-32D and PZ-33D were abandoned on July 9, 2026.

Table 3
Summary of Groundwater Elevations
Georgia Power Company
Plant Wansley - Ash Pond 1
Heard and Carroll Counties, GA

		Feburary 2026	
Well ID	Top of Casing Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)
WGWA-1	782.93	28.31	754.62
WGWA-2	758.23	10.38	747.85
WGWA-3	828.91	4.18	824.73
WGWA-4	834.34	6.85	827.49
WGWA-5	902.15	17.24	884.91
WGWA-6	897.13	20.13	877.00
WGWA-7	897.33	29.53	867.80
WGWA-18	878.02	21.11	856.91
WGWC-8A	806.60	30.53	776.07
WGWC-9	812.03	21.48	790.55
WGWC-10	812.38	19.46	792.92
WGWC-11	823.96	28.61	795.35
WGWC-12	823.04	28.04	795.00
WGWC-13	809.78	23.42	786.36
WGWC-14A	810.94	24.01	786.93
WGWC-15	804.69	20.61	784.08
WGWC-16	804.21	19.92	784.29
WGWC-17	816.00	30.65	785.35
WGWC-19	783.42	23.45	759.97
WGWC-20	807.95	31.26	776.69
WGWC-21	834.41	51.23	783.18
WGWC-22	810.37	19.16	791.21
WGWC-23	823.80	29.38	794.42
WGWC-24	804.80	16.12	788.68
WGWC-25	808.98	18.15	790.83
WGWC-30	815.20	21.66	793.54
WGWC-31D	814.61	46.41	768.20
WGWC-31S	814.69	21.52	793.17
WGWC-32	810.23	17.90	792.33
WGWC-33	812.09	20.98	791.11
WGWC-34D	806.04	30.30	775.74
WGWC-34S	805.77	20.36	785.41
WGWC-35D	806.02	27.44	778.58
WGWC-35S	805.95	21.18	784.77
WGWC-36D	805.56	26.98	778.58
WGWC-36S	805.62	23.21	782.41
WGWC-37D	805.24	26.11	779.13
WGWC-37S	805.30	22.66	782.64
WGWC-38D	806.15	28.75	777.40
WGWC-38S	806.07	25.40	780.67
WGWC-39	826.86	33.44	793.42
WGWC-40	818.74	26.01	792.73
WGWC-41	832.02	28.42	803.60
PZ-26D	804.934	16.71	788.22
WAMW-1	782.66	23.36	759.30
WAMW-2	770.82	15.85	754.97
WGWC-27	780.54	10.91	769.63
WGWC-28D	808.24	33.57	774.67
PZ-01	856.72	38.77	817.95
PZ-04	889.01	Dry	Dry
PZ-06	915.15	Dry	Dry
PZ-08	800.70	13.17	787.53
PZ-16	831.01	39.48	791.53
PZ-17	814.51	19.61	794.90
PZ-18	834.32	51.21	783.11
PZ-23D	809.28	20.38	788.90
PZ-27D	816.18	29.97	786.21
PZ-28	814.80	22.10	792.70
PZ-30	810.90	21.83	789.07
PZ-31	810.90	21.93	788.97
PZ-32D	776.74	7.34	769.40
PZ-33D	776.74	7.31	769.43
WGWC-14	809.50	23.32	786.18
WGWC-26D	808.23	32.37	775.86

Notes:
(1) Elevations shown are referenced to datum NAVD88, which indicates feet (ft) in elevation referenced to the North American Vertical Datum 1988.

Table 4
Horizontal Groundwater Gradient and Flow Velocity Calculations
Georgia Power Company
Plant Wansley - Ash Pond 1
Heard and Carroll Counties, GA

Gauging Event	Well Pair	Groundwater Elevations in Well Pairs (ft)		Change in Elevation (ft)	Distance Between Well 1 and Well 2 (L) (ft)	Hydraulic Gradient (i) (ft/ft)	Average Hydraulic Conductivity (K_h) (ft/day)	Estimated Effective Porosity (n_e)	Calculated Groundwater Flow Velocity (V) (ft/day)	Calculated Groundwater Flow Velocity (V) (ft/year)	Average Groundwater Flow Velocity (V) (ft/day)	Average Groundwater Flow Velocity (V) (ft/year)
February 2026	PZ-01 to WGWC-17	817.95	785.35	32.60	361	0.090	0.17	0.10	0.153	55.8	0.111	40.3
February 2026	WGWC-20 to WGWC-27	776.69	769.63	7.06	175	0.040	0.17	0.10	0.068	24.8		

Notes:
ft = feet
ft/day = feet per day
ft/ft = feet per foot
ft/year = feet per year
K_h = average horizontal hydraulic conductivity - In-situ hydraulic conductivity (slug) tests in the bedrock at the Site ranged from 2.4E-4 to 11.0 feet/day with an average of 1.22 feet/day and geometric mean of 0.17 feet/day.
n_e = effective porosity - A value of 10% was selected based on review of Groundwater (Freeze and Cherry, 1979).
(1) Groundwater flow velocity equation: $V= (K_h * i)/n_e$
$i = h_1-h_2/L$ = horizontal hydraulic gradient (h_1 and h_2 = groundwater elevation at location 1 and 2)
L = distance between location 1 and 2 along the flow path. See Figure 3 for illustrated flow paths.
(2) Elevations shown are referenced to datum NAVD88, which indicates feet (ft) in elevation referenced to the North American Vertical Datum 1988.

Table 5
Summary of Groundwater Analytical Data
Georgia Power Company
Plant Wansley - Ash Pond 1
Heard and Carroll Counties, GA

	Sample Location	WGWA-1	WGWA-2	WGWA-3	WGWA-4	WGWA-6	WGWA-7	WGWA-18	WGWC-8A	WGWC-8A	WGWC-9	WGWC-10	WGWC-11	WGWC-12	WGWC-13
	Sample Date	02/10/2026	02/09/2026	02/09/2026	02/09/2026	02/09/2026	02/09/2026	02/10/2026	02/13/2026	05/20/2026	02/13/2026	02/10/2026	02/10/2026	02/11/2026	02/10/2026
ANALYTE	UNITS														
APPENDIX III															
Boron	mg/L	< 0.026	< 0.026	< 0.026	< 0.026	< 0.026	< 0.026	< 0.026	0.25	0.21	0.61	< 0.026	< 0.026	< 0.026	< 0.026
Calcium	mg/L	1.4	15	1.9	17	27	1.6	5.9	36	35	12	8.1	1.8	14	5.7
Chloride	mg/L	4.3	3.1	1.9	1.5	1.8	2.1	2.4	69	70	5.9	1.7	4.3	4.0	1.4
Fluoride	mg/L	0.10 J	0.14 J	0.10 J	0.21	0.18 J	0.11 J	0.13 J	3.6	3.3	0.96	0.18 J	0.10 J	0.16 J	0.22
pH, Field	SU	5.07	6.10	5.24	7.07	8.13	5.29	6.11	6.52	6.07	5.71	6.35	5.60	6.92	6.26
Sulfate	mg/L	< 0.77	1.2	1.2	8.4	8.6	< 0.77	7.7	76	74	78	2.0	1.2	12	3.3
TDS	mg/L	18	85	28	95	100	21	44	330	360	190	46	43	90	73
APPENDIX IV															
Antimony	mg/L	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025
Arsenic	mg/L	< 0.0013	< 0.0013	< 0.0013	< 0.0013	< 0.0013	< 0.0013	< 0.0013	< 0.0013	0.0018 J	< 0.0013	< 0.0013	< 0.0013	< 0.0013	< 0.0013
Barium	mg/L	0.047	0.025	0.012	0.0068 J	0.0074 J	0.012	0.015	0.012	0.0089 J	< 0.00041	0.031	0.049	0.018	0.036
Beryllium	mg/L	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	0.0033	0.0052	0.00041 J	< 0.00015	< 0.00015	< 0.00015	< 0.00015
Cadmium	mg/L	< 0.00024	< 0.00024	< 0.00024	< 0.00024	< 0.00024	< 0.00024	< 0.00024	< 0.00024	< 0.00024	< 0.00024	< 0.00024	< 0.00024	< 0.00024	< 0.00024
Chromium	mg/L	< 0.0037	< 0.0037	< 0.0037	< 0.0037	< 0.0037	< 0.0037	< 0.0037	< 0.0037	< 0.0037	< 0.0037	< 0.0037	< 0.0037	< 0.0037	< 0.0037
Cobalt	mg/L	0.00067 J	< 0.00041	< 0.00041	< 0.00041	< 0.00041	< 0.00041	< 0.00041	0.0032 J	0.0035 J	< 0.00041	< 0.00041	< 0.00041	0.00052 J	< 0.00041
Lead	mg/L	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086
Lithium	mg/L	< 0.0037	0.0078 J	< 0.0037	0.0048 J	0.0048 J	< 0.0037	< 0.0037	0.12	0.12	0.036	0.0038 J	< 0.0037	0.0097 J	< 0.0037
Mercury	mg/L	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017
Molybdenum	mg/L	< 0.00069	< 0.00069	< 0.00069	< 0.00069	< 0.00069	< 0.00069	< 0.00069	0.0092	0.0083	0.0021 J	< 0.00069	< 0.00069	< 0.00069	0.0012 J
Combined Radium 226 + 228	pCi/L	0.160 U	0.00723 U	-0.307 U	1.37	9.57	-0.00817 U	0.0823 U	2.52	1.97	0.496 U	0.433 U	-0.0859 U	0.714 U	0.440 U
Selenium	mg/L	< 0.0023	< 0.0023	< 0.0023	< 0.0023	< 0.0023	< 0.0023	< 0.0023	< 0.0023	< 0.0023	0.0032 J	< 0.0023	< 0.0023	< 0.0023	< 0.0023
Thallium	mg/L	< 0.00019	< 0.00019	< 0.00019	< 0.00019	< 0.00019	< 0.00019	< 0.00019	< 0.00019	0.00019 J	< 0.00019	< 0.00019	< 0.00019	0.0042	< 0.00019
Fluoride	mg/L	0.10 J	0.14 J	0.10 J	0.21	0.18 J	0.11 J	0.13 J	3.6	3.3	0.96	0.18 J	0.10 J	0.16 J	0.22
Additional Parameters															
Bicarbonate Alkalinity as CaCO3	mg/L	7.4	76	11	60	88	11	22	59	NA	17	28	6.5	43	33
Carbonate Alkalinity as CaCO3	mg/L	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	NA	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0
Total Alkalinity as CaCO3	mg/L	7.4	76	11	60	88	11	22	59	NA	17	28	6.5	43	33
Iron	mg/L	< 0.018	0.031 J	< 0.018	0.96	0.28	0.033 J	0.11	4.9	NA	0.032 J	< 0.018	< 0.018	1.4	0.048 J
Magnesium	mg/L	1.2	4.8	1.1	2.6	2.2	0.72	1.3	10	NA	3.8	2.0	1.5	2.9	0.57
Manganese	mg/L	0.0083	0.026	< 0.0013	0.17	0.14	0.0052	0.052	2.0	NA	0.0058	0.0070	0.022	0.011	< 0.0013
Potassium	mg/L	1.3	2.4	1.3	2.7	3.1	0.94	2.5	5.2	NA	1.7	1.8	1.3	2.3	1.8
Sodium	mg/L	3.8 J	11	3.5 J	8.4	6.4	3.3 J	5.6	42	NA	29	3.6 J	4.1 J	5.5	9.8
Sulfide	mg/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0

Table 5
Summary of Groundwater Analytical Data
Georgia Power Company
Plant Wansley - Ash Pond 1
Heard and Carroll Counties, GA

	Sample Location	WGWC-14A	WGWC-15	WGWC-16	WGWC-17	WGWC-19	WGWC-20	WGWC-21	WGWC-22	WGWC-23	WGWC-24	WGWC-25	WGWC-30	WGWC-30	WGWC-31D	WGWC-31D
	Sample Date	02/10/2026	02/10/2026	02/10/2026	02/11/2026	02/11/2026	02/10/2026	02/11/2026	02/11/2026	02/11/2026	02/10/2026	02/11/2026	02/10/2026	05/21/2026	02/10/2026	05/21/2026
ANALYTE	UNITS															
APPENDIX III																
Boron	mg/L	< 0.026	< 0.026	0.49	< 0.026	< 0.026	4.9	0.081	0.29	< 0.026	0.81	0.71	< 0.026	< 0.026	< 0.026	< 0.026
Calcium	mg/L	0.67	31	15	6.7	12	170	50	13	2.7	19	18	0.28	0.30	28	26
Chloride	mg/L	2.4	1.3	23	1.6	3.4	180	62	4.7	3.3	17	44	1.7	1.2	9.6	14
Fluoride	mg/L	0.10 J	0.83	0.15 J	0.17 J	0.35	2.0	2.0	0.28	0.10 J	0.28	0.099 J	0.21	0.12 J	2.9	3.1
pH, Field	SU	5.34	8.01	5.35	6.08	6.59	5.38	6.72	5.53	5.49	4.59	5.61	4.85	5.43	7.71	7.66
Sulfate	mg/L	0.82 J	14	35	4.4	3.5	390	270	61	6.4	60	26	1.0	< 0.77	23	23
TDS	mg/L	38	140	110	76	94	880	590	160	77	130	180	20	49	160	190
APPENDIX IV																
Antimony	mg/L	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025
Arsenic	mg/L	< 0.0013	< 0.0013	< 0.0013	< 0.0013	< 0.0013	< 0.0013	< 0.0013	< 0.0013	< 0.0013	< 0.0013	< 0.0013	< 0.0013	< 0.0013	< 0.0013	< 0.0013
Barium	mg/L	0.029	0.035	0.046	0.012	0.0014 J	0.00043 J	0.0039 J	0.022	0.0079 J	0.067	0.19	0.027	0.024	0.0080 J	0.0039 J
Beryllium	mg/L	0.00022 J	< 0.00015	< 0.00015	< 0.00015	< 0.00015	0.010	0.00047 J	0.00069 J	0.0014	0.0054	0.00015 J	0.00016 J	< 0.00015	< 0.00015	< 0.00015
Cadmium	mg/L	< 0.00024	< 0.00024	< 0.00024	< 0.00024	< 0.00024	0.00031 J	< 0.00024	< 0.00024	< 0.00024	< 0.00024	< 0.00024	< 0.00024	< 0.00024	< 0.00024	< 0.00024
Chromium	mg/L	< 0.0037	< 0.0037	< 0.0037	< 0.0037	< 0.0037	< 0.0037	< 0.0037	< 0.0037	< 0.0037	< 0.0037	< 0.0037	< 0.0037	< 0.0037	< 0.0037	< 0.0037
Cobalt	mg/L	0.0016 J	< 0.00041	< 0.00041	0.00081 J	< 0.00041	< 0.00041	< 0.00041	< 0.00041	< 0.00041	0.035	0.0081	< 0.00041	< 0.00041	0.00044 J	0.00047 J
Lead	mg/L	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086
Lithium	mg/L	< 0.0037	0.0086 J	< 0.0037	0.0082 J	0.060	0.14	0.087	0.011 J	0.0052 J	0.0054 J	0.0057 J	< 0.0037	< 0.0037	0.047	0.049
Mercury	mg/L	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017
Molybdenum	mg/L	< 0.00069	0.0021 J	< 0.00069	0.0035 J	0.0013 J	0.00080 J	0.025	< 0.00069	< 0.00069	< 0.00069	< 0.00069	< 0.00069	< 0.00069	0.026	0.022
Combined Radium 226 + 228	pCi/L	0.563	0.821	0.423 U	0.866	0.390 U	0.433 U	2.14 U	4.60	0.713	0.848	0.452 U	0.544 U	0.935	0.693	1.14
Selenium	mg/L	< 0.0023	< 0.0023	< 0.0023	< 0.0023	< 0.0023	0.0034 J	< 0.0023	0.0037 J	0.0026 J	< 0.0023	< 0.0023	< 0.0023	< 0.0023	< 0.0023	< 0.0023
Thallium	mg/L	0.00038 J	0.00025 J	< 0.00019	< 0.00019	< 0.00019	< 0.00019	< 0.00019	< 0.00019	< 0.00019	0.00053 J	< 0.00019	< 0.00019	< 0.00019	< 0.00019	< 0.00019
Fluoride	mg/L	0.10 J	0.83	0.15 J	0.17 J	0.35	2.0	2.0	0.28	0.10 J	0.28	0.099 J	0.21	0.12 J	2.9	3.1
Additional Parameters																
Bicarbonate Alkalinity as CaCO3	mg/L	12	100	10	52	91	8.5	96	21	26	< 3.0	31	11	NA	110	NA
Carbonate Alkalinity as CaCO3	mg/L	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	NA	< 3.0	NA
Total Alkalinity as CaCO3	mg/L	12	100	10	52	91	8.5	96	21	26	< 3.0	31	11	NA	110	NA
Iron	mg/L	0.098 J	0.035 J	< 0.018	2.3	0.072 J	< 0.018	0.078 J	0.17	0.16	0.019 J	1.6	0.028 J	NA	0.21	NA
Magnesium	mg/L	0.81	5.5	5.4	4.0	11	41	6.4	3.2	0.69	4.3	12	0.18	NA	7.2	NA
Manganese	mg/L	0.037	0.0027 J	0.0062	0.12	0.0086	0.32	1.1	0.0069	0.0043 J	1.1	0.58	0.013	NA	0.084	NA
Potassium	mg/L	1.8	1.7	2.1	1.9	1.6	6.1	2.7	5.2	2.7	6.5	3.5	2.3	NA	5.6	NA
Sodium	mg/L	4.4	11	9.3	9.1	8.5	49	150	18	13	7.6	9.0	4.7	NA	27	NA
Sulfide	mg/L	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	NA	< 1.0	NA

Table 5
Summary of Groundwater Analytical Data
Georgia Power Company
Plant Wansley - Ash Pond 1
Heard and Carroll Counties, GA

	Sample Location	WGWC-31S	WGWC-31S	WGWC-32	WGWC-32	WGWC-33	WGWC-33	WGWC-34D	WGWC-34D	WGWC-34S	WGWC-34S	WGWC-35D	WGWC-35D	WGWC-35S	WGWC-35S
	Sample Date	02/09/2026	05/19/2026	02/11/2026	05/19/2026	02/11/2026	05/18/2026	02/11/2026	05/22/2026	02/09/2026	05/21/2026	02/11/2026	05/22/2026	02/12/2026	05/20/2026
ANALYTE	UNITS														
APPENDIX III															
Boron	mg/L	< 0.026	< 0.026	0.30	0.24	1.1	0.97	8.4	7.9	< 0.026	< 0.026	< 0.026	< 0.026	< 0.026	< 0.026
Calcium	mg/L	1.6	1.3	10	6.5	98	87	100	96	1.8	2.1	54	37	50	46
Chloride	mg/L	3.1	3.1	6.6	4.7	20	19	130	130	2.9	4.8	12	8.2	5.9	4.4
Fluoride	mg/L	0.24	0.15 J	0.16 J	0.19 J	0.94	0.85	0.58	0.57	0.26	0.14 J	0.17 J	0.19 J	0.26	0.25
pH, Field	SU	5.46	5.38	5.18	5.29	5.08	4.64	5.37	5.48	5.34	4.92	6.49	6.64	6.25	6.67
Sulfate	mg/L	2.4	1.6	44	29	310	290	420	410	1.7	0.86 J	2.8	1.9	2.5	1.9
TDS	mg/L	44	61	120	90	510	540	810	910	< 10	31	210	170	210	210
APPENDIX IV															
Antimony	mg/L	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025
Arsenic	mg/L	< 0.0013	< 0.0013	< 0.0013	< 0.0013	0.0046 J	0.0016 J	0.0056	0.0090	< 0.0013	< 0.0013	< 0.0013	< 0.0013	< 0.0013	< 0.0013
Barium	mg/L	0.013	0.011	0.065	0.047	0.013	0.012	0.044	0.035	0.023	0.026	0.19	0.15	0.032	0.028
Beryllium	mg/L	0.00029 J	0.00023 J	0.0021	0.0018	0.0093	0.0091	0.0030	0.0027	0.00018 J	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015
Cadmium	mg/L	< 0.00024	< 0.00024	< 0.00024	< 0.00024	0.0020	0.0026	0.0029	0.0029	< 0.00024	< 0.00024	< 0.00024	< 0.00024	< 0.00024	< 0.00024
Chromium	mg/L	< 0.0037	< 0.0037	< 0.0037	< 0.0037	< 0.0037	< 0.0037	< 0.0037	< 0.0037	< 0.0037	< 0.0037	< 0.0037	< 0.0037	< 0.0037	< 0.0037
Cobalt	mg/L	0.0011 J	0.00095 J	< 0.00041	< 0.00041	0.0027 J	0.0027 J	0.17	0.15	0.026	0.025	0.0032 J	0.0027 J	0.010	0.011
Lead	mg/L	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086
Lithium	mg/L	< 0.0037	< 0.0037	0.0070 J	< 0.0037	0.026	0.022	0.011 J	0.0070 J	< 0.0037	< 0.0037	0.0052 J	< 0.0037	0.0039 J	< 0.0037
Mercury	mg/L	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017
Molybdenum	mg/L	< 0.00069	< 0.00069	< 0.00069	< 0.00069	< 0.00069	< 0.00069	< 0.00069	< 0.00069	< 0.00069	< 0.00069	0.00071 J	< 0.00069	0.0011 J	0.00080 J
Combined Radium 226 + 228	pCi/L	1.35	0.968	6.25	4.15	20.0	18.1	0.638 U	1.31	1.59	0.792	0.582 U	0.945	0.222 U	0.338 U
Selenium	mg/L	< 0.0023	< 0.0023	0.0030 J	0.0046 J	0.012	0.019	0.019	0.016	< 0.0023	< 0.0023	< 0.0023	< 0.0023	< 0.0023	< 0.0023
Thallium	mg/L	0.00024 J	0.00022 J	< 0.00019	< 0.00019	< 0.00019	< 0.00019	< 0.00019	< 0.00019	0.00041 J	0.00029 J	< 0.00019	< 0.00019	0.00021 J	0.00020 J
Fluoride	mg/L	0.24	0.15 J	0.16 J	0.19 J	0.94	0.85	0.58	0.57	0.26	0.14 J	0.17 J	0.19 J	0.26	0.25
Additional Parameters															
Bicarbonate Alkalinity as CaCO3	mg/L	23	NA	11	NA	9.2	NA	25	NA	16	NA	200	NA	200	NA
Carbonate Alkalinity as CaCO3	mg/L	< 3.0	NA	< 3.0	NA	< 3.0	NA	< 3.0	NA	< 3.0	NA	< 3.0	NA	< 3.0	NA
Total Alkalinity as CaCO3	mg/L	23	NA	11	NA	9.2	NA	25	NA	16	NA	200	NA	200	NA
Iron	mg/L	< 0.018	NA	0.13	NA	< 0.018	NA	< 0.018	NA	0.24	NA	1.4	NA	0.66	NA
Magnesium	mg/L	0.45	NA	2.1	NA	14	NA	90	NA	1.2	NA	12	NA	3.9	NA
Manganese	mg/L	0.099	NA	0.11	NA	4.6	NA	6.7	NA	1.4	NA	0.85	NA	3.4	NA
Potassium	mg/L	5.0	NA	5.8	NA	9.5	NA	6.7	NA	2.4	NA	6.0	NA	2.7	NA
Sodium	mg/L	11	NA	13	NA	24	NA	17	NA	1.8	NA	11	NA	32	NA
Sulfide	mg/L	< 1.0	NA	< 1.0	NA	< 1.0	NA	< 1.0	NA	< 1.0	NA	< 1.0	NA	< 1.0	NA

Table 5
Summary of Groundwater Analytical Data
Georgia Power Company
Plant Wansley - Ash Pond 1
Heard and Carroll Counties, GA

	Sample Location	WGWC-36D	WGWC-36D	WGWC-36S	WGWC-36S	WGWC-37D	WGWC-37D	WGWC-37S	WGWC-37S	WGWC-38D	WGWC-38D	WGWC-38S	WGWC-38S
	Sample Date	02/10/2026	05/21/2026	02/11/2026	05/22/2026	02/09/2026	05/20/2026	02/10/2026	05/18/2026	02/12/2026	05/18/2026	02/12/2026	05/20/2026
ANALYTE	UNITS												
APPENDIX III													
Boron	mg/L	< 0.026	< 0.026	< 0.026	< 0.026	0.095	0.078 J	2.7	3.0	48	43	0.076 J	0.027 J
Calcium	mg/L	7.7	8.1	27	22	14	12	30	30	1000	850	60	50
Chloride	mg/L	2.7	2.5	< 20	11	28	20	520	550	1000	990	< 20	11
Fluoride	mg/L	0.27	0.14 J	1.8 J	0.20	2.4	0.16 J	0.45	0.27	0.21	0.20	2.2 J	0.16 J
pH, Field	SU	5.41	5.72	6.20	6.01	6.05	5.57	4.39	4.15	5.10	4.93	6.04	6.04
Sulfate	mg/L	3.3	1.0	15 J	10	16	6.3	2.9	2.2	1200	1200	< 15	6.9
TDS	mg/L	54	74	160	160	170	170	910	1200	4900	5400	340	260
APPENDIX IV													
Antimony	mg/L	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0049	< 0.0025	< 0.0025
Arsenic	mg/L	< 0.0013	< 0.0013	0.0015 J	< 0.0013	0.0017 J	0.0017 J	0.0083	0.0045 J	0.11	0.037	0.0026 J	0.0015 J
Barium	mg/L	0.029	0.027	0.068	0.071	0.068	0.072	1.2	0.98	0.031	0.027	0.14	0.13
Beryllium	mg/L	< 0.00015	< 0.00015	< 0.00015	< 0.00015	0.00016 J	< 0.00015	0.0027	0.0025	0.00029 J	0.00024 J	< 0.00015	< 0.00015
Cadmium	mg/L	< 0.00024	< 0.00024	< 0.00024	< 0.00024	< 0.00024	< 0.00024	0.0029	0.0040	0.0049	0.0092	< 0.00024	< 0.00024
Chromium	mg/L	< 0.0037	< 0.0037	< 0.0037	< 0.0037	< 0.0037	< 0.0037	< 0.0037	< 0.0037	< 0.0037	< 0.0037	< 0.0037	< 0.0037
Cobalt	mg/L	0.0060	0.0073	0.031	0.028	0.019	0.014	0.75	0.71	0.12	0.10	0.047	0.046
Lead	mg/L	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	0.0029	0.0021	0.020	0.0089	< 0.00086	< 0.00086
Lithium	mg/L	< 0.0037	< 0.0037	0.0044 J	< 0.0037	< 0.0037	< 0.0037	0.0047 J	0.0043 J	0.0065 J	< 0.0037	0.0043 J	< 0.0037
Mercury	mg/L	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017
Molybdenum	mg/L	< 0.00069	< 0.00069	< 0.00069	0.00083 J	< 0.00069	< 0.00069	< 0.00069	< 0.00069	< 0.00069	< 0.00069	< 0.00069	< 0.00069
Combined Radium 226 + 228	pCi/L	0.294 U	1.38	0.432 U	0.919	1.37	1.29	10.2	9.30	13.0	14.6	2.31	2.71
Selenium	mg/L	< 0.0023	< 0.0023	< 0.0023	< 0.0023	< 0.0023	< 0.0023	0.017	0.030	0.062	0.18	< 0.0023	< 0.0023
Thallium	mg/L	< 0.00019	< 0.00019	< 0.00019	< 0.00019	0.00021 J	< 0.00019	0.0037	0.0028	0.0043	0.0027	< 0.00019	< 0.00019
Fluoride	mg/L	0.27	0.14 J	1.8 J	0.20	2.4	0.16 J	0.45	0.27	0.21	0.20	2.2 J	0.16 J
Additional Parameters													
Bicarbonate Alkalinity as CaCO3	mg/L	49	NA	130	NA	120	NA	< 3.0	NA	3.3	NA	270	NA
Carbonate Alkalinity as CaCO3	mg/L	< 3.0	NA	< 3.0	NA	< 3.0	NA	< 3.0	NA	< 3.0	NA	< 3.0	NA
Total Alkalinity as CaCO3	mg/L	49	NA	130	NA	120	NA	< 3.0	NA	3.3	NA	270	NA
Iron	mg/L	0.91	NA	8.2	NA	17	NA	12	NA	0.56	NA	77	NA
Magnesium	mg/L	3.0	NA	6.1	NA	5.6	NA	94	NA	9.0	NA	5.7	NA
Manganese	mg/L	0.96	NA	7.2	NA	5.0	NA	80	NA	14	NA	7.8	NA
Potassium	mg/L	2.3	NA	8.3	NA	9.9	NA	13	NA	35	NA	4.4	NA
Sodium	mg/L	10	NA	19	NA	28	NA	42	NA	28	NA	21	NA
Sulfide	mg/L	< 1.0	NA	< 1.0	NA	< 1.0	NA	< 1.0	NA	< 1.0	NA	< 1.0	NA

Table 5
Summary of Groundwater Analytical Data
Georgia Power Company
Plant Wansley - Ash Pond 1
Heard and Carroll Counties, GA

	Sample Location	WGWC-39	WGWC-39	WGWC-40	WGWC-40	WGWC-41	WGWC-42	PZ-26D	WAMW-1	WAMW-2	WGWC-27	WGWC-28D	PZ-23D	PZ-31	PZ-32D	PZ-33D
	Sample Date	02/10/2026	05/22/2026	02/11/2026	05/19/2026	02/11/2026	01/08/2026	02/12/2026	02/12/2026	02/11/2026	02/10/2026	02/12/2026	02/12/2026	02/12/2026	02/12/2026	02/12/2026
ANALYTE	UNITS															
APPENDIX III																
Boron	mg/L	< 0.026	< 0.026	< 0.026	< 0.026	0.031 J	< 0.026	0.066 J	< 0.026	< 0.026	0.16	8.9	0.37	< 0.026	6.6	5.9
Calcium	mg/L	0.88	0.52	0.064 J	0.087 J	23	1.1	14	21	18	15	330	38	1.8	360	340
Chloride	mg/L	1.9	1.6	12	10	2.7	7.0	16	3.5	2.6	20	740	13	5.5	560	570
Fluoride	mg/L	0.22	0.15 J	0.10 J	0.13 J	1.4	0.083 J	0.29	0.38	0.32	0.80	1.9	3.0	0.10 J	1.7	2.1
pH, Field	SU	4.61	4.24	4.77	4.75	5.02	5.15	6.24	7.18	6.71	6.00	6.81	6.44	4.93	7.24	7.70
Sulfate	mg/L	1.0	< 0.77	< 0.77	< 0.77	110	8.6	18	5.2	5.8	22	670	54	2.5	340	330
TDS	mg/L	15	38	33	30	200	31	120	110	120	130	2100	210	11	2000	1800
APPENDIX IV																
Antimony	mg/L	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	NA	< 0.0025	NA	NA
Arsenic	mg/L	< 0.0013	< 0.0013	< 0.0013	< 0.0013	< 0.0013	< 0.0013	< 0.0013	< 0.0013	< 0.0013	< 0.0013	< 0.0013	NA	< 0.0013	NA	NA
Barium	mg/L	0.048	0.051	0.16	0.13	0.0042 J	0.023	0.019	0.014	0.015	0.0023 J	0.0074 J	NA	0.060	NA	NA
Beryllium	mg/L	0.00031 J	0.00029 J	0.00019 J	< 0.00015	0.0034	0.00020 J	< 0.00015	< 0.00015	0.00020 J	0.0012	0.0021	NA	0.00064 J	NA	NA
Cadmium	mg/L	< 0.00024	< 0.00024	< 0.00024	< 0.00024	< 0.00024	< 0.00024	< 0.00024	< 0.00024	< 0.00024	< 0.00024	< 0.00024	NA	< 0.00024	NA	NA
Chromium	mg/L	< 0.0037	< 0.0037	< 0.0037	< 0.0037	< 0.0037	< 0.0037	< 0.0037	< 0.0037	< 0.0037	< 0.0037	< 0.0037	NA	< 0.0037	NA	NA
Cobalt	mg/L	0.0034 J	0.0078	0.0015 J	0.0012 J	< 0.00041	< 0.00041	0.00097 J	0.0012 J	0.00060 J	0.0013 J	< 0.00041	NA	< 0.00041	NA	NA
Lead	mg/L	0.0010	0.0010	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	< 0.00086	NA	0.0012	NA	NA
Lithium	mg/L	< 0.0037	< 0.0037	0.0049 J	< 0.0037	0.018 J	0.0044 J	0.029	0.047	0.026	0.025	0.30	0.072	< 0.0037	0.18	0.11
Mercury	mg/L	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	NA	< 0.00017	NA	NA
Molybdenum	mg/L	< 0.00069	0.0013 J	< 0.00069	< 0.00069	< 0.00069	< 0.00069	0.0025 J	0.0026 J	< 0.00069	< 0.00069	0.0098	NA	< 0.00069	NA	NA
Combined Radium 226 + 228	pCi/L	3.40	1.60	3.24	3.29	NA	1.49	0.698	0.718	1.39	2.81	10.4	NA	1.03	NA	NA
Selenium	mg/L	< 0.0023	< 0.0023	< 0.0023	< 0.0023	< 0.0023	0.0027 J	< 0.0023	< 0.0023	< 0.0023	< 0.0023	0.0023 J	NA	< 0.0023	NA	NA
Thallium	mg/L	< 0.00019	< 0.00019	< 0.00019	< 0.00019	< 0.00019	0.00023 J	< 0.00019	0.00025 J	< 0.00019	< 0.00019	< 0.00019	NA	0.00038 J	NA	NA
Fluoride	mg/L	0.22	0.15 J	0.10 J	0.13 J	1.4	0.083 J	0.29	0.38	0.32	0.80	1.9	3.0	0.10 J	1.7	2.1
Additional Parameters																
Bicarbonate Alkalinity as CaCO3	mg/L	3.3	NA	4.0	NA	9.4	14	51	96	80	24	52	92	7.8	100	110
Carbonate Alkalinity as CaCO3	mg/L	< 3.0	NA	< 3.0	NA	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0	< 3.0
Total Alkalinity as CaCO3	mg/L	3.3	NA	4.0	NA	9.4	14	51	96	80	24	52	92	7.8	100	110
Iron	mg/L	0.22	NA	< 0.018	NA	0.039 J	< 0.018	0.051 J	< 0.018	2.2	0.42	5.9	0.11	0.046 J	2.5	2.3
Magnesium	mg/L	2.1	NA	0.95	NA	7.3	0.20	3.0	8.1	5.6	2.5	72	5.9	1.7	54	37
Manganese	mg/L	0.14	NA	0.033	NA	0.097	0.022	0.0050	0.068	0.062	0.17	3.0	0.083	0.040	4.9	2.2
Potassium	mg/L	1.6	NA	3.5	NA	5.1	2.4	1.8	1.4	2.1	1.6	92	2.1	1.6	8.0	4.4
Sodium	mg/L	1.9	NA	6.5	NA	15	15	23	9.6	6.4	14	250	21	4.1	87	64
Sulfide	mg/L	< 1.0	NA	< 1.0	NA	NA	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0

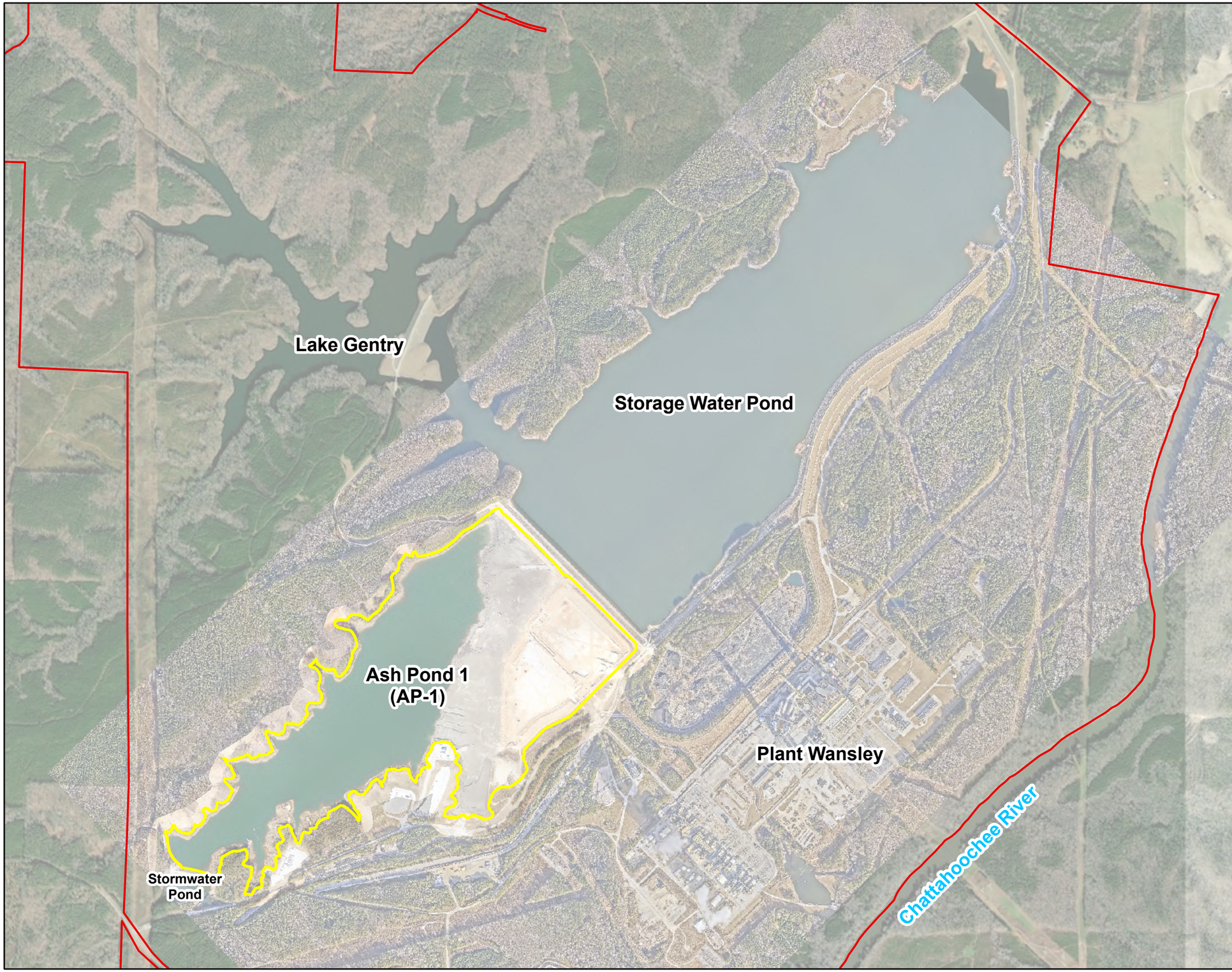
Notes:
mg/L = milligrams per liter
pCi/L = picocuries per liter
SU = Standard Units
NA = Indicates not analyzed
TDS = total dissovled solids
< = Indicates the substance was not detected above the method detection limit (MDL). The value displayed is the MDL.
J = The result is an estimated concentration. "J" qualifiers are applied by the laboratory when the concentration reported is above the method detection limit, but below the laboratory reporting limit.
(1) Radium data are a combination of radium isotopes 226 and 228. When results are reported below the MDC (Minimum Detectable Concentration), data is displayed with an accompanying U. The MDC varies depending upon the sample amount and elapsed time of the measurement.
(2) Metals were analyzed by EPA Method 6020B and Method 7470A, anions were analyzed by EPA Method 300.0, TDS was analyzed by SM 2540C, alkalinity was analyzed by SM2320B, sulfide was analyzed by EPA Method 9034, and combined radium by EPA Methods 9315/9320.
(3) The pH value presented was recorded at the time of sample collection in the field.

Table 6
Summary of Background Concentrations and
Groundwater Protection Standards
Georgia Power Company
Plant Wansley - Ash Pond 1
Heard and Carroll Counties, GA

Analyte	Units	EPA MCL	CCR-Rule Specified GWPS (1)	Background Limit (2)	GWPS (3,4)
Antimony	mg/L	0.006	N/A	0.005	0.006
Arsenic	mg/L	0.010	N/A	0.005	0.01
Barium	mg/L	2	N/A	0.062	2
Beryllium	mg/L	0.004	N/A	0.0011	0.004
Cadmium	mg/L	0.005	N/A	0.0007	0.005
Chromium	mg/L	0.1	N/A	0.0063	0.1
Cobalt	mg/L	N/A	0.006	0.0066	0.0066
Combined Radium 226 + 228	pCi/L	5	N/A	13.1	13.1
Fluoride	mg/L	4.0	N/A	0.28	4
Lead	mg/L	N/A	0.015	0.0015	0.015
Lithium	mg/L	N/A	0.04	0.02	0.04
Mercury	mg/L	0.002	N/A	0.0002	0.002
Molybdenum	mg/L	N/A	0.1	0.0072	0.1
Selenium	mg/L	0.05	N/A	0.005	0.05
Thallium	mg/L	0.002	N/A	0.001	0.002

Notes:
CCR = Coal Cumbustion Residuals
GWPS = Groundwater Protection Standard
MCL = Maximum Contaminant Level
mg/L = miliigrams per liter
N/A = Not Applicable
pCi/L = picocuries per liter
(1) On February 22, 2022, the Georgia Environmental Protection Division (GA EPD) adopted the federally promulgated GWPS for cobalt, lithium, lead, and molybdenum.
(2) The background limits were used when determining the GWPS under 40 CFR 257.95(h) and GA EPD Rule 391-3-4-.10(6)(a).
(3) Under 40 CFR 257.95(h)(1-3) the GWPS is: (i) the maximum contaminant level (MCL) established under §§141.62 and 141.66 of this title; (ii) where an MCL has not been established a rule-specific GWPS; or (iii) background levels for constituents where the background level is higher than the MCL or rule-specified GWPS. §§141.62 and 141.66 of this title; (ii) where an MCL has not been established a rule-specific GWPS; or (iii) background levels for constituents where the background level is higher than the MCL or rule-
(4) The GWPS apply to the February 2026 sampling event.

FIGURES



N

Legend

Approximate Property Boundary

Approximate AP-1 Boundary

Note:
1. Service Layer Credit Sources:
- Immediate vicinity of AP-1: SAM LLC, December 31, 2025.
- Surrounding area: SAM LLC, January 30, 2024, and Source: Esri, Vantor, Earthstar Geographics, and the GIS User Community.

0 700 1,400 2,800

SCALE IN FEET

SITE LOCATION MAP

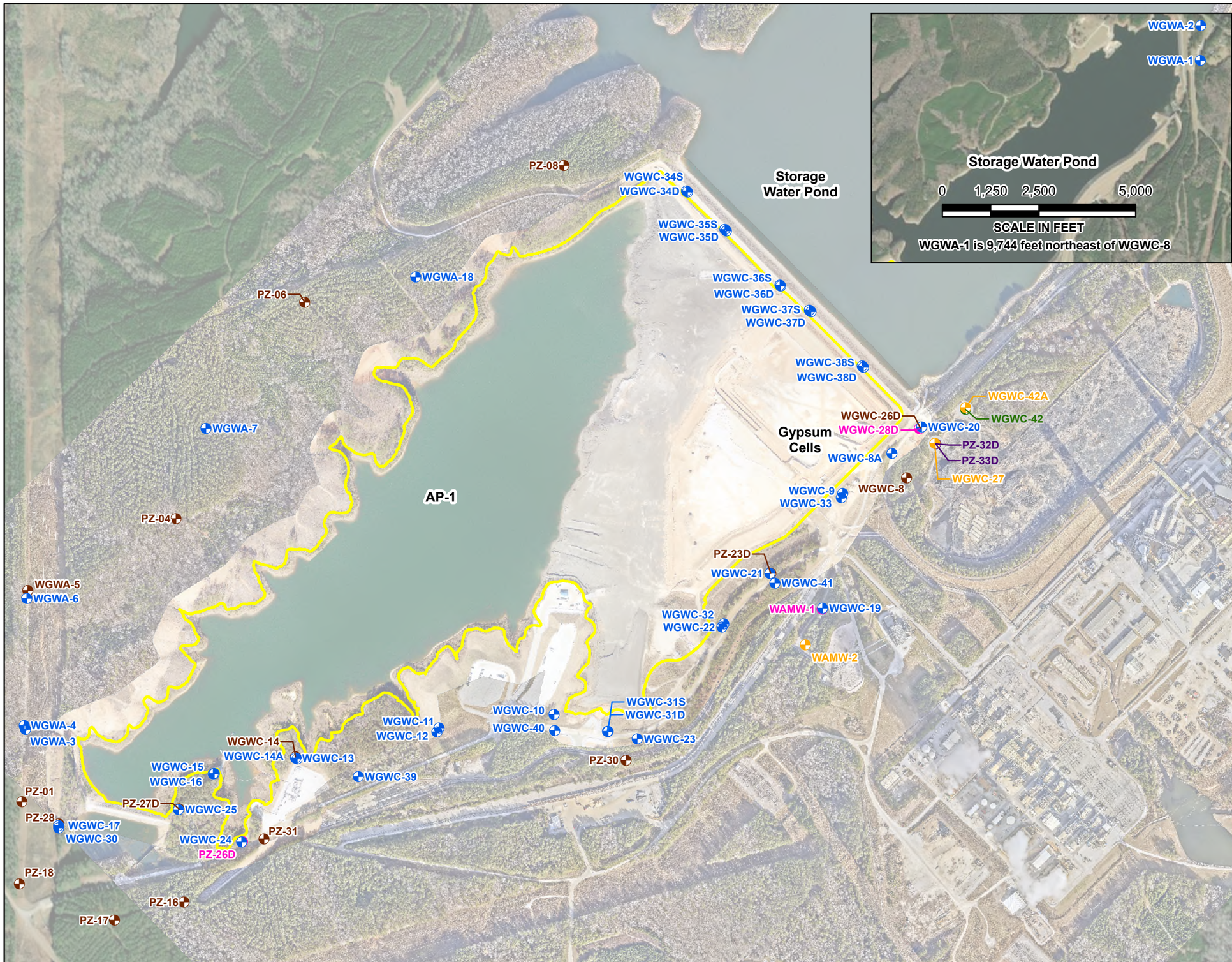
GEORGIA POWER COMPANY
PLANT WANSLEY AP-1
HEARD AND CARROLL COUNTIES, GEORGIA

Prepared For: Georgia Power

Prepared By: Geosyntec consultants

KENNESAW, GA | AUGUST 2026

FIGURE 1



N

Legend

- Detection Monitoring Well
- Horizontal Assessment Monitoring Well
- Vertical Assessment Monitoring Well
- Piezometer
- Horizontal Assessment Monitoring Well (Abandoned)
- Piezometer (Abandoned)
- Approximate AP-1 Boundary

Notes:
1. Horizontal Assessment Monitoring Well WGWC-42A was installed on April 21, 2026, and replaced WGWC-42 which was abandoned on February 2, 2026.
2. Piezometers PZ-32D and PZ-33D were abandoned on July 9, 2026.
3. Service Layer Credit Sources:
- Immediate vicinity of AP-1: SAM LLC, December 31, 2025.
- Surrounding area: SAM LLC, January 30, 2024, and Source: Esri, Vantor, Earthstar Geographics, and the GIS User Community.

0 400 800 1,600
SCALE IN FEET

GROUNDWATER MONITORING WELL NETWORK MAP

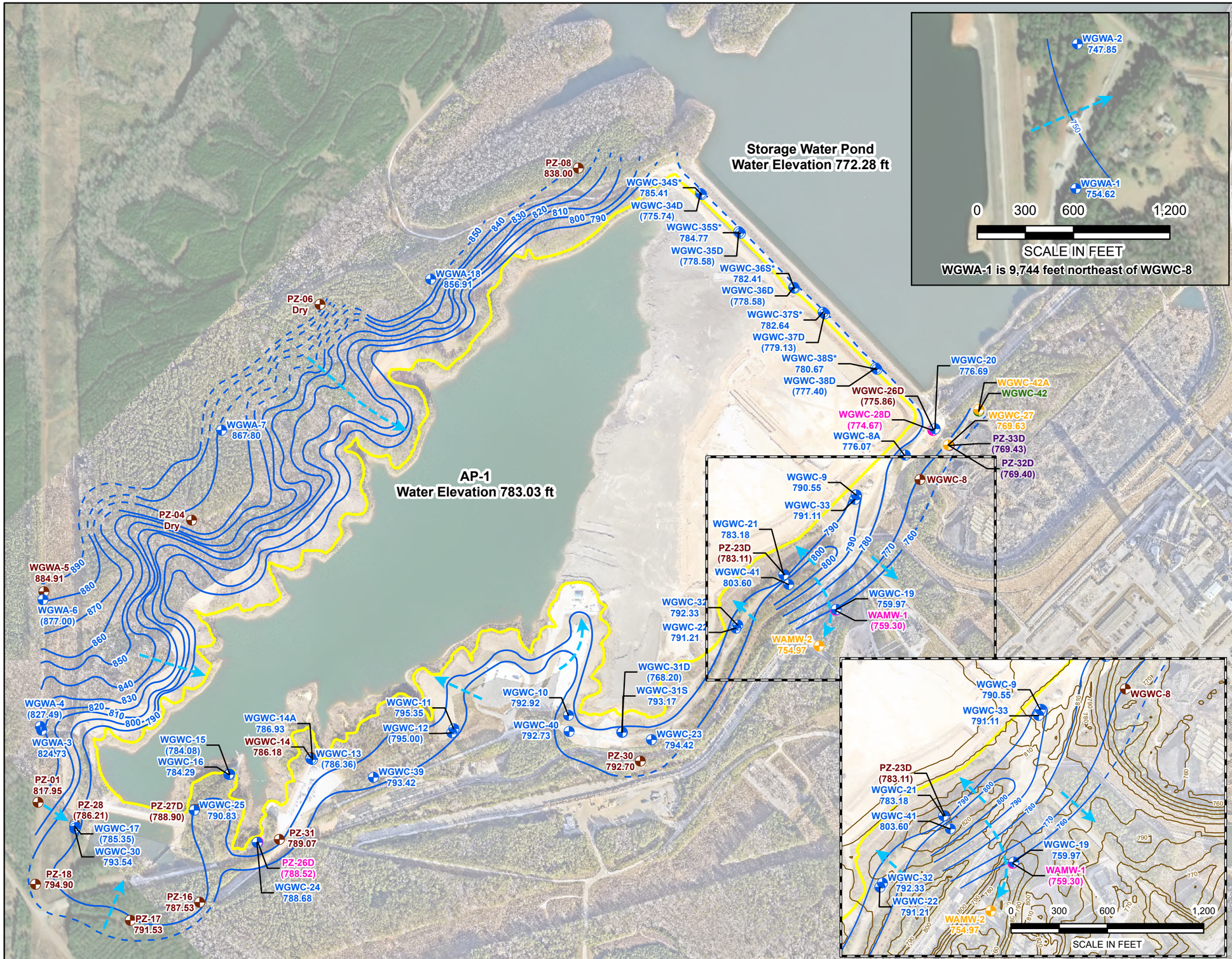
GEORGIA POWER COMPANY
PLANT WANSLEY AP-1
HEARD AND CARROLL COUNTIES, GEORGIA

Prepared For: Georgia Power

Prepared By: Geosyntec consultants

KENNESAW, GA | AUGUST 2026

FIGURE 2



N

Legend

- Detection Monitoring Well
- Horizontal Assessment Monitoring Well
- Vertical Assessment Monitoring Well
- Piezometer
- Horizontal Assessment Monitoring Well (Abandoned)
- Piezometer (Abandoned)
- Groundwater Elevation Iso-Contour (February 2026) (dashed where inferred)
- Approximate Groundwater Flow Direction
- Topographic Elevation Contour (10 ft NAVD 88)
- Approximate AP-1 Boundary

JOSEPH M. IVANOWSKI ★ GEORGIA REGISTERED PROFESSIONAL GEOLOGIST ★ No. 002140

Notes:
1. Water level elevation recorded on February 9, 2026. Elevation provided in feet (ft) referenced to the North American Vertical Datum 1988 (NAVD 88).
2. * indicates wells are installed within the dike materials and may not be representative of actual groundwater conditions.
3. Groundwater elevations in parentheses were not used to develop groundwater elevation iso-contours. These wells are screened in a different zone or lithologic material in the aquifer.
4. Horizontal Assessment Monitoring Well WGWC-42A was installed on April 21, 2026, and replaced WGWC-42 which was abandoned on February 2, 2026.
5. Piezometers PZ-32D and PZ-33D were abandoned on July 9, 2026.
6. Water level not measured at WGWC-8 during the semiannual monitoring event.
7. Service Layer Credit Sources:
- Immediate vicinity of AP-1: SAM LLC, December 31, 2025.
- Surrounding area: SAM LLC, January 30, 2024, and Source: Esri, Vantor, Earthstar Geographics, and the GIS User Community.

0 400 800 1,600

SCALE IN FEET

POTENTIOMETRIC SURFACE CONTOUR MAP - FEBRUARY 2026

GEORGIA POWER COMPANY
PLANT WANSLEY AP-1
HEARD AND CARROLL COUNTIES, GEORGIA

Prepared For: Georgia Power

Prepared By: Geosyntec consultants

KENNESAW, GA | AUGUST 2026

FIGURE 3

APPENDIX A

Well Abandonment and Well Design, Installation, and Development Reports, Plant Wansley Ash Pond 1 (AP-1)

Geosyntec consultants

1255 Roberts Boulevard, Suite 200
Kennesaw, Georgia 30144
PH 678.202.9500
FAX 678.202.9501
www.geosyntec.com

DATE: March 26, 2026

TO: Trey Singleton, P.G., Southern Company Services
Ben Hodges, P.G., Georgia Power Company
Bret McClellan P.G., Georgia Power Company

FROM: Dalton Kegley, P.G.[1], Geosyntec Consultants
Matthew Talbert, P.E.[1], Geosyntec Consultant
Joe Ivanowski, P.G.[1], Geosyntec Consultants

SUBJECT: **Monitoring Well Abandonment Summary Memorandum**
Plant Wansley AP-1
Georgia Power Company

INTRODUCTION

On behalf of Georgia Power Company (Georgia Power), Geosyntec Consultants (Geosyntec) has prepared this *Monitoring Well Abandonment Summary Memorandum* for the Georgia Environmental Protection Division (GA EPD) to summarize monitoring well abandonment activities conducted on 02 February 2026 at Plant Wansley for the Ash Pond 1 (AP-1) monitoring well network. One (1) monitoring well (WGWC-42) was abandoned to facilitate ongoing construction activities near AP-1. The abandonment was completed in general accordance with the *Georgia Water Well Standards Act* (OCGA § 12-5-120 through 138), the U.S. Environmental Protection Agency (USEPA) Science and Ecosystem Support Division guidance document *Design and Installation of Monitoring Wells* (SESDGUID-101-R2), and the *Plant Wansley-Ash Pond 1 (AP-1) Groundwater Monitoring Plan*, which is approved by GA EPD.

Abandonment activities were performed by Cascade Environmental (Cascade) of Memphis, Tennessee. In accordance with the *Georgia Water Well Standards Act*, Cascade has a bond on file with the State of Georgia, and the work was supervised by a Georgia-licensed well driller. Copies of the bond and the driller's license, which were valid at the time of abandonment, are included in **Attachment A**.

[1] Licensed Professional in the State of Georgia.

WELL ABANDONMENT

One (1) monitoring well (WGWC-42) was abandoned by Cascade, and the work was completed under the direction and supervision of a Geosyntec professional geologist licensed in the State of Georgia.

The location of the abandoned monitoring well is presented in **Figure 1**. Well construction and abandonment details are presented in **Table 1**. The well was constructed of 2-inch diameter polyvinyl chloride (PVC) well screen and riser installed in a 4.25-inch diameter borehole. WGWC-42 was screened in saprolite. Water level and total well depth were measured and recorded to calculate the estimated volume of grout needed before initiating abandonment procedures for the well. The well was abandoned by first filling the well casing with grout, and then over drilling the entire depth of the original borehole and tremie grouting to the ground surface. Over drilling was performed with a Geoprobe 8140LC sonic drill rig. Grouting was conducted by pumping a non-shrinking cement/bentonite grout slurry through the hose placed towards the bottom of the borehole, which was raised as the grout slurry level rose to the ground surface. The volume of grout material used as well as the anticipated (calculated) volume is shown in **Table 1**. Once grouted, surface completions were removed.

The well abandonment form for WGWC-42 is provided in **Attachment B**.

Sincerely,

Dalton Kegley, P.G.
Project Geologist

Matthew Talbert, P.E.
Senior Engineer

*****

ENCLOSURES

Table 1 – Summary Details of Abandoned Well

Figure 1 – Well Abandonment Locations

Attachment A – Bond for Drillers

Attachment B – Well Abandonment Log

CERTIFICATION PAGE

I hereby certify that this *Monitoring Well Abandonment Summary Memorandum, Plant Wansley AP-1* has been prepared by, or under the direct supervision of, a Qualified Groundwater Scientist with Geosyntec Consultants and is in compliance with the Georgia Environmental Protection Division Rules for Solid Waste Management 391-3-4-.10.

According to 391-3-4-.01, a Qualified Groundwater Scientist is "a professional engineer or geologist registered to practice in Georgia who has received a baccalaureate or post-graduate degree in the natural sciences or engineering and has sufficient training and experience in groundwater hydrology and related fields that enable individuals to make sound professional judgments regarding groundwater monitoring, contaminant fate and transport, and corrective action."

Date: March 26, 2026

Dalton Kegley, P.G.
Georgia Professional Geologist No. 2486
Project Geologist
Geosyntec Consultants

Table 1
Summary Details of Abandoned Well
Plant Wansley
Carroll and Heard Counties, Georgia

Well ID	Installation Date	Northing[1] (ft NAD83)	Easting[1] (ft NAD83)	Ground Surface Elevation[2] (ft NAVD88)	Top of Casing Elevation[2] (ft NAVD88)	Screen Interval Length (ft)	Well Depth (ft BTOC)[3]	Depth to Water (ft BTOC)	Approximate Original Borehole Depth (ft bgs)	Abandonment Date[4,5]	Calculated PVC Grout Volume (gal)	Actual PVC Grout Volume (gal)
WGWC-42	1/31/2017	1243496.86	2030132.73	784.45	787.30	10	38.05	19.40	35	2/2/2026	57.2	62.5

BGS - below ground surface
BTOC - below top of casing
ft - feet
gal - US liquid gallon
ID - identification
PVC - Polyvinyl chloride casing

Notes:
(1) Northings and Eastings are based on the North American Datum of 1983 (NAD83) Georgia State Plane, West zone, US foot.
(2) Elevations provided are based on the North American Vertical Datum of 1988 (NAVD88).
(3) Total well depth measured prior to abandonment.
(4) Abandonment date indicates date of grouting in place.
(5) Abandonment via grout in place, overdrill to total depth, and grout to ground surface. Once grouted, surface completions were removed.

N

Legend

- Abandoned Horizontal Assessment Monitoring Well
- Approximate AP-1 Boundary
- AP-1 Permit Boundary

Notes:
1. Abandonment via grout in place, overdrill to total depth, and grout to ground surface. Once grouted, surface competition were removed.
2. Service Layer Credit Sources:
 - Immediate vicinity of AP-1: SAM LLC, June 24, 2025.
 - Surrounding area: SAM LLC, January 30, 2024.

0 100 200 400

SCALE IN FEET

WELL ABANDONMENT LOCATION MAP

GEORGIA POWER COMPANY
PLANT WANSLEY AP-1
HEARD AND CARROLL COUNTIES, GEORGIA

Prepared For: Georgia Power

Prepared By: Geosyntec consultants

KENNESAW, GA | MARCH 2026

FIGURE 1

ATTACHMENT A

Bond for Drillers

GA Water Well Contractor License # 651

Bond Number 612424813

Performance Bond For Water Well Contractors

Name of Water Well Contractor Richard Alan Mooney

Know All Men By These Presents

That we Cascade Drilling, L.P. and Richard Alan Mooney any and all employees, officers and partners (collectively hereinafter, **Principal**), and we United States Fire Insurance Company, duly organized under the laws of the State of Delaware (hereinafter, **Surety**), are held and firmly bound unto the Director of the Environmental Protection Division, Department of Natural Resources, State of Georgia (**Director**) and his or her successor or successors in office, as **Obligee**, in the full sum of **THIRTY THOUSAND DOLLARS ($30,000.00)** for the payment of which will and truly to be made, the Principal and Surety bind ourselves, our heirs, administrators, successors and assigns, jointly and severally, by these presents.

WHEREAS, the Water Well Standards Act of 1985 (O.C.G.A. §§ 12-5-120 *et seq.*) (the Act) requires that a Water Well Contractor, as that term is defined by the Act, have a performance bond with the Director to ensure compliance with the Act; and WHEREAS the above bound Principal is subject to the terms and provisions of said Act.

NOW, THEREFORE, the conditions of this obligation are such that if the above bound Principal shall fully and faithfully perform the duties and in all things comply with the procedures and standards set forth in the Act as now and hereafter amended, and the rules and regulations promulgated pursuant thereto, including but not limited to the correction of any violation of such procedures and standards upon discovery, irrespective of whether such discovery is made before completion of any well subject to this bond, then this obligation shall be void; otherwise it shall remain in full force and effect.

And Surety, for value received, agrees that no amendment to existing laws, rules or regulations, or adoption of new laws, rules or regulations shall in anyway discharge its obligation on this bond, and does hereby waive notice of any such amendment, adoption or modification.

This bond shall be effective from the 30th day of June, 20 25 and shall continue in effect until June 30, 2027, unless sooner terminated by mutual agreement of Principal and Surety, provided that no such termination may be made unless sixty (60) days' prior written notice is made to the Director. In the event of such termination, the rights of the Director as Obligee and beneficiaries under this bond which arose prior to such termination shall continue.

IN WITNESS THEREOF the Principal and Surety have caused these present to be duly signed and sealed, this the 2nd day of May, 20 25.

Principal Cascade Drilling, L.P.

Print name:

Title:

Seal:

Surety United States Fire Insurance Company

Melissa Haddick

Print name: Melissa Haddick

Title: Attorney-in-Fact

Seal:

Revised 03.17.2021

POWER OF ATTORNEY
UNITED STATES FIRE INSURANCE COMPANY
PRINCIPAL OFFICE - MORRISTOWN, NEW JERSEY

(PRODUCER CODE)

KNOW ALL MEN BY THESE PRESENTS: That United States Fire Insurance Company, a corporation duly organized and existing under the laws of the state of Delaware, has made, constituted and appointed, and does hereby make, constitute and appoint: **Sandra Parker; Melissa Haddick; Tannis Mattson; Orlando Aguirre; Stacy Killebrew; Madison Diaz and Megan Sivley** each, its true and lawful Attorney(s)-In-Fact, with full power and authority hereby conferred in its name, place and stead, to execute, acknowledge and deliver: Any and all bonds and undertakings of surety and other documents that the ordinary course of surety business may require, and to bind United States Fire Insurance Company thereby as fully and to the same extent as if such bonds or undertakings had been duly executed and acknowledged by the regularly elected officers of United States Fire Insurance Company at its principal office, in amounts or penalties: **One Hundred Twenty Five Million Eight Hundred Thousand Dollars ($125,800,000)**

This Power of Attorney limits the act of those named therein to the bonds and undertakings specifically named therein, and they have no authority to bind United States Fire Insurance Company except in the manner and to the extent therein stated.

This Power of Attorney is granted pursuant to Article IV of the By-Laws of United States Fire Insurance Company as now in full force and effect, and consistent with Article III thereof, which Articles provide, in pertinent part:

Article IV, Execution of Instruments - Except as the Board of Directors may authorize by resolution, the Chairman of the Board, President, any Vice-President, any Assistant Vice President, the Secretary, or any Assistant Secretary shall have power on behalf of the Corporation:

(a) to execute, affix the corporate seal manually or by facsimile to, acknowledge, verify and deliver any contracts, obligations, instruments and documents whatsoever in connection with its business including, without limiting the foregoing, any bonds, guarantees, undertakings, recognizances, powers of attorney or revocations of any powers of attorney, stipulations, policies of insurance, deeds, leases, mortgages, releases, satisfactions and agency agreements;
(b) to appoint, in writing, one or more persons for any or all of the purposes mentioned in the preceding paragraph (a), including affixing the seal of the Corporation.

Article III, Officers, Section 3.11, Facsimile Signatures. The signature of any officer authorized by the Corporation to sign any bonds, guarantees, undertakings, recognizances, stipulations, powers of attorney or revocations of any powers of attorney and policies of insurance issued by the Corporation may be printed, facsimile, lithographed or otherwise produced. In addition, if and as authorized by the Board of Directors, dividend warrants or checks, or other numerous instruments similar to one another in form, may be signed by the facsimile signature or signatures, lithographed or otherwise produced, of such officer or officers of the Corporation as from time to time may be authorized to sign such instruments on behalf of the Corporation. The Corporation may continue to use for the purposes herein stated the facsimile signature of any person or persons who shall have been such officer or officers of the Corporation, notwithstanding the fact that he may have ceased to be such at the time when such instruments shall be issued.

IN WITNESS WHEREOF, United States Fire Insurance Company has caused these presents to be signed and attested by its appropriate officer and its corporate seal hereunto affixed this 17th day of January, 2025.

UNITED STATES FIRE INSURANCE COMPANY

Matthew E. Lubin, President

State of New Jersey}
County of Morris }

On this 17th day of January, 2025, before me, a Notary public of the State of New Jersey, came the above named officer of United States Fire Insurance Company, to me personally known to be the individual and officer described herein, and acknowledged that he executed the foregoing instrument and affixed the seal of United States Fire Insurance Company thereto by the authority of his office.

ETHAN SCHWARTZ
NOTARY PUBLIC
STATE OF NEW JERSEY
MY COMMISSION EXPIRES 6/25/2029
COMMISSION: #50223171

Ethan Schwartz (Notary Public)

I, the undersigned officer of United States Fire Insurance Company, a Delaware corporation, do hereby certify that the original Power of Attorney of which the foregoing is a full, true and correct copy is still in force and effect and has not been revoked.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the corporate seal of United States Fire Insurance Company on the 2nd day of May 20 25

UNITED STATES FIRE INSURANCE COMPANY

Michael C. Fay, Senior Vice President

*For verification of the authenticity of the Power of Attorney, please contact (phone number) or email: patricia.taber @amyntagroup.com

ATTACHMENT B

Well Abandonment Log

Well Abandonment Field Form

Project Name: Plant Wansley GW Services Well ID: WGWC-42

Project No.: GW11293 Drilling Co.: Cascade Environmental

Geosyntec Rep: Dalton Kegley Driller: Nick Drew

Date of Abandonment: 02/02/2026

Abandonment Method (i.e. Grout in Place, Overdrill and Grout, etc.): Grout in place, overdrill to total depth, grout to ground surface

Overdrill Method (i.e. Sonic, Hollow Stem Auger, Air Rotary, etc.): Sonic Geoprobe 8140LC

Guide Rod Used During Overdrill (yes or no): No

Diameter of Overdrill Casing/Auger/Bit: 4-inch/6-inch

Total Depth of Well: 38.05 ft TOC Total Depth of Overdrill: 35 ft bgs

Length of Casing and Screen Removed: 38 ft

Water Level: 19.40 ft BTOC

Grouting:	Calculated	Actual
Grouting of Well Casing:	6.2 gallons	7.5 gallons
Grouting of Borehole:	51 gallons	55 gallons
Total Volume of Grout Used:		62.5 gallons

Grout Mixture:

3 Bags of Cement Used (92 lbs. each)

1/3 Bags of Bentonite Used (50 lbs. each)

50 Gallons of Water Used

Cement Brand: Holcim OneCem

Bentonite Brand: Baroid QUICK-GEL

Grout Settlement After 24 Hours: 0 ft

Notes:

Prepared for

Georgia Power Company
241 Ralph McGill Blvd NE
Atlanta, Georgia 30308

WELL DESIGN, INSTALLATION, AND DEVELOPMENT REPORT

PLANT WANSLEY ASH POND 1 (AP-1)

Prepared by

Geosyntec consultants

engineers | scientists | innovators

1255 Roberts Boulevard, Suite 200
Kennesaw, Georgia 30144

Project Number 26003370

June 2026

CERTIFICATION PAGE

I hereby certify that this *Well Design, Installation, and Development Report – Plant Wansley AP-1* has been prepared by, or under the direct supervision of, a Qualified Groundwater Scientist with Geosyntec Consultants and is in compliance with the United States Environmental Protection Agency Coal Combustion Residual Rule [40 Code of Federal Regulations 257 Subpart D], specifically §257.91(e)(1), and the Georgia Environmental Protection Division Rules for Solid Waste Management 391-3-4-.10.

According to 391-3-4-.01, a Qualified Groundwater Scientist is "a professional engineer or geologist registered to practice in Georgia who has received a baccalaureate or post-graduate degree in the natural sciences or engineering and has sufficient training and experience in groundwater hydrology and related fields that enable individuals to make sound professional judgments regarding groundwater monitoring, contaminant fate and transport, and corrective action."

Date: June 26, 2026
Dalton Kegley, P.G.
Georgia Professional Geologist No. 2486
Project Geologist
Geosyntec Consultants

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2. DRILLING AND WELL INSTALLATION 2
   2.1 Drilling Method 2
   2.2 Screened Interval 2
   2.3 Well Casing and Screen 2
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   2.5 Filter Pack 3
   2.6 Annular Seal 4
   2.7 Cap and Protective Casing 4

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Appendix B Boring and Well Construction Logs
Appendix C Well Development and Equipment Calibration Forms
Appendix D Certified Well Survey Data

LIST OF ACRONYMS

AP	Ash Pond
ACC	Atlantic Coast Consulting
ASTM	American Society for Testing and Materials
CCR	coal combustion residuals
CFR	Code of Federal Regulations
DO	dissolved oxygen
GA EPD	Georgia Environmental Protection Division
Georgia Power	Georgia Power Company
Geosyntec	Geosyntec Consultants
NAD	North America Datum
NAVD	North American Vertical Datum
NSF	National Sanitation Foundation
ORP	oxygen reduction potential
PG	professional geologist
PVC	polyvinyl chloride
TOC	top of casing
US EPA	United States Environmental Protection Agency

1. INTRODUCTION

This report provides details regarding the design, installation, and development of one (1) horizontal assessment monitoring well (WGWC-42A) at Georgia Power Company (Georgia Power) Plant Wansley (Site) Ash Pond 1 (AP-1). WGWC-42A will replace monitoring well WGWC-42 which was previously abandoned in February 2026 to facilitate ongoing construction activities near AP-1.

The well installation was completed to meet the requirements promulgated in the United States Environmental Protection Agency (US EPA) coal combustion residual (CCR) rule [40 Code of Federal Regulations (CFR) Part 257, Subpart D], specifically 40 CFR §257.91(e)(1) and GA EPD Rules for Solid Waste Management 391-3-4-.10.

Plant Wansley is located in Heard and Carroll counties near Carrollton, Georgia. The current groundwater monitoring system at AP-1 includes a network of detection monitoring wells, assessment monitoring wells, and piezometers. The location of the new horizontal assessment monitoring well is shown on **Figure 1**.

2. DRILLING AND WELL INSTALLATION

Well installation was performed in general accordance with the *Georgia Water Well Standard Act* OCGA § 12-5-120 and SESDGUID-101-R2. Well drilling, installation, and surface completion activities were performed by Cascade Drilling, Inc. of Arlington, Tennessee. In accordance with the Georgia Water Well Standards Act, the drillers were required to have an insurance bond on file with the State of Georgia at the time of drilling. A copy of this bond is provided in **Appendix A**. A geologist under the supervision of a professional geologist (PG) registered to practice in the State of Georgia, both of whom are employed with Geosyntec Consultants (Geosyntec), documented the drilling and installation efforts to record observations, soil and rock descriptions, subsurface stratigraphy, groundwater elevations, and other field activities.

The well was installed and completed in April 2026. The location of the well is shown on **Figure 1**. Well construction details are provided in **Table 1** and boring and well construction data are included in **Appendix B**.

2.1 Drilling Method

The borehole for WGWC-42A was advanced using rotasonic drilling techniques with continuous core collection. A track mounted Terra Sonic 150 drill rig was used to install the boring for the well, using a nominal 6-inch outer drill casing and a 4-inch diameter core barrel.

Care was taken so that the drilling methods did not introduce contamination of the groundwater from surface activities.

2.2 Screened Interval

Details regarding the screened interval are provided in **Table 1**. The well is screened from approximately 759.57 to 749.57 feet elevation [referenced to the North American Vertical Datum of 1988 (NAVD 88)] using a 10-foot well screen segment.

2.3 Well Casing and Screen

The well is constructed of 2-inch inner diameter Schedule 40 polyvinyl chloride (PVC) casing with flush-threaded fittings. The well was installed with a 10-foot nominal length U-Pack® dual-wall screen with 0.010-inch slots. The casing and screen arrived pre-cleaned and packaged by the manufacturer. The U-Pack screen was constructed onsite by packing sand between slotted PVC and the screen. Well construction materials are

sufficiently durable to resist chemical and physical degradation and do not interfere with the quality of the groundwater. The casing and screen are flush-threaded. Solvent or glue was not used to construct the well. The well was completed with a 4-inch-long PVC sump attached to the bottom of the screen. The PVC products used were American Society for Testing and Materials (ASTM) and National Sanitation Foundation (NSF) rated.

2.4 Well Intake Design

The well was designed and constructed to: (1) allow sufficient groundwater flow to the well for gauging and, if applicable, sampling; (2) minimize the passage of formation materials (turbidity) into the well; and (3) ensure sufficient structural integrity to prevent collapse of the well. The annular space between the face of the formation and the screen was filled to minimize passage of formation materials into the well. A filter pack of clean, well-rounded, quartz sand was installed in the well. The 0.010-inch slot size was selected to minimize the inflow of formation material without impairing influent groundwater flow.

2.5 Filter Pack

Filter sand manufactured by Southern Products and Silica Co. was used as the filter pack material for the well. The filter pack material meets the ASTM D5092 uniformity coefficient specification of 2.5 or less, with a uniformity coefficient of 1.5 or less.

Filter pack material was placed within the U-Pack well screens and in the annular space between the outside of the screen and the borehole wall to ensure an adequate thickness of filter pack material between the well and the formation. Placement of the filter pack between the borehole wall and PVC was done via gravity-pouring. Filter pack material placed in the annular space outside of the screen extended a minimum of two (2) feet above the top of screen. No bridging occurred during filter pack placement.

Upon placement of the filter pack, the wells were pumped with a submersible pump to assure settlement of the filter pack. The top of filter pack depth was measured following pumping to ensure appropriate extension of filter sand above the screens. The depth of top of filter pack was measured and recorded on the well construction logs provided in **Appendix B**.

2.6 Annular Seal

A minimum of two feet of bentonite pellets (Pel-Plug non-coated 1/2-inch bentonite pellets) was placed immediately above the filter pack by gravity-pouring into the annular space and hydrated per manufacturer's specifications. A weighted tag line was used to probe the annular space to ensure that no bridging occurred.

The annulus above the bentonite seal for WGWC-42A was grouted with AQUAGUARD® bentonite placed via tremie pipe in multiple lifts (initial grouting) and direct pour methods (for topping off) from the top of the bentonite seal. During grouting, care was taken to ensure that the bentonite seal was not disturbed by locating the base of the tremie pipe approximately 2 feet above the bentonite seal and injecting grout at low pressure/velocity.

A cement apron 4-feet by 4-feet by 4-inches was poured around the protective casing. The pad was mounded slightly outward to direct surface drainage away from the well.

2.7 Cap and Protective Casing

The well riser for WGWC-42A was completed as a "stick-up" fitted with a locking cap and a lockable cover. A one-quarter inch vent hole was drilled into the PVC riser pipe to provide an avenue for the escape of gas. The protective cap guards the casing from damage and the locking cap serves as a security device to prevent well tampering. Bollards were installed around the four corners of the concrete pad to protect the well. A weep hole was drilled in the outer protective casing near the bottom above the concrete pad. Pea gravel was placed inside the protective casing between the riser pipe and the outer casing. The well was clearly marked with the proper well identification number on the stand-up casing.

Construction details are documented on the well construction log provided in **Appendix B**.

3. WELL DEVELOPMENT

The newly installed well was developed by Atlantic Coast Consulting (ACC) using a combination of surging and pumping to (i) restore the natural hydraulic conductivity of the formation, and (ii) to remove fine-grained sediment to ensure low-turbidity groundwater samples. The well was alternately surged and purged until visually clear of particulates. Turbidity, pH, temperature, specific conductivity, oxidation-reduction potential (ORP), and dissolved oxygen (DO) measurements were recorded to ensure that the well was fully developed, and field parameters were stabilized. The development field form provided by ACC is included in **Appendix C**.

4. SURVEY

Upon completion of the well installation, horizontal location and vertical elevation of the newly installed horizontal assessment monitoring well was surveyed by Thompson Engineering, a Georgia-licensed surveyor and certified on April 29, 2026. The top of the PVC casing [top of casing (TOC) elevation] and the survey pin installed at the well pad were surveyed to within 0.5-foot horizontal accuracy and to 0.01-foot vertical accuracy. The horizontal location (i.e., northing and easting) was recorded in feet relative to the North America Datum of 1983 (NAD) with the vertical elevation recorded in feet relative to the North American Vertical Datum of 1988 (NAVD). Certified survey data is provided in the well construction table (**Table 1**). A copy of the certified survey data for the newly installed horizontal assessment monitoring well is provided in **Appendix D.**

5. REFERENCES

Official Code of Georgia Annotated, 1985. *OCGA § 12-5-120 through 138. Water Well Standards Act of 1985*.

United States Environmental Protection Agency. 2015a. Federal Register. Volume 80. No. 74. Friday April 17, 2015. Part II. Environmental Protection Agency. 40 CFR Parts 257 and 261. Hazardous and Solid Waste Management System; Disposal of Coal Combustion Residuals from Electric Utilities; Final Rule. [EPA-HQ-RCRA–2009–0640; FRL–9919–44–OSWER]. RIN–2050–AE81, April 2015

United States Environmental Protection Agency. 2018. Region 4, Science and Ecosystem Support Division (SESD), *Guidance for the Design and Installation of Monitoring Wells*. SESDGUID-101-R2. January 16, 2018

TABLE

Table 1
Summary of Well Construction Details
Plant Wansley AP-1
Heard and Carroll Counties, Georgia

Well ID	Location	Installation Date	Northing (1)	Easting (1)	Ground Surface Elevation (2) (ft NAVD88)	Top of Casing Elevation (ft NAVD88)	Top of Screen Elevation (ft NAVD88)	Bottom of Screen Elevation (ft NAVD88)	Well Depth (ft bgs) (3)
WGWC-42A	Downgradient of AP-1	4/21/2026	1243511.01	2030133.39	775.74	778.26	759.57	749.57	26.50

Notes:
AP = ash pond
ID = identification
ft = feet
bgs = below ground surface
(1) Coordinates in North American Datum (NAD) 1983, State Plane, Georgia-West, feet. Survey of the newly installed detection monitoring wells was completed by Thompson Engineering and certified April 29, 2026.
(2) Vertical elevations are referenced to the North American Vertical Datum (NAVD) of 1988. Ground surface elevation defined at the survey nail installed within the well pad.
(3) Total well depth accounts for 4-inch sump.

FIGURE

N

Legend

- Horizontal Assessment Monitoring Well (WGWC-42 Replacement)
- Horizontal Assessment Monitoring Well (Abandoned)
- Approximate AP-1 Boundary
- AP-1 Permit Boundary

Note:
1. Horizontal Assessment Monitoring Well WGWC-42A was installed April 21, 2026.
2. Horizontal Assessment Monitoring Well WGWC-42 was abandoned February 2, 2026.
3. Service Layer Credit Sources:
- Immediate vicinity of AP-1: SAM LLC, December 3, 2025.
- Surrounding area: SAM LLC, January 30, 2024.

0 250 500 1,000

SCALE IN FEET

GROUNDWATER MONITORING WELL MAP

GEORGIA POWER COMPANY
PLANT WANSLEY AP-1
HEARD AND CARROLL COUNTIES, GEORGIA

Prepared For: Georgia Power

Prepared By: Geosyntec consultants

KENNESAW, GA | JUNE 2026

FIGURE 1

APPENDIX A

Well Driller Performance Bond

GA Water Well Contractor License # 651

Bond Number 612424813

Performance Bond For Water Well Contractors

Name of Water Well Contractor Richard Alan Mooney

Know All Men By These Presents

That we Cascade Drilling, L.P. and Richard Alan Mooney any and all employees, officers and partners (collectively hereinafter, **Principal**), and we United States Fire Insurance Company, duly organized under the laws of the State of Delaware (hereinafter, **Surety**), are held and firmly bound unto the Director of the Environmental Protection Division, Department of Natural Resources, State of Georgia (**Director**) and his or her successor or successors in office, as **Obligee**, in the full sum of **THIRTY THOUSAND DOLLARS ($30,000.00)** for the payment of which will and truly to be made, the Principal and Surety bind ourselves, our heirs, administrators, successors and assigns, jointly and severally, by these presents.

WHEREAS, the Water Well Standards Act of 1985 (O.C.G.A. §§ 12-5-120 *et seq.*) (the Act) requires that a Water Well Contractor, as that term is defined by the Act, have a performance bond with the Director to ensure compliance with the Act; and WHEREAS the above bound Principal is subject to the terms and provisions of said Act.

NOW, THEREFORE, the conditions of this obligation are such that if the above bound Principal shall fully and faithfully perform the duties and in all things comply with the procedures and standards set forth in the Act as now and hereafter amended, and the rules and regulations promulgated pursuant thereto, including but not limited to the correction of any violation of such procedures and standards upon discovery, irrespective of whether such discovery is made before completion of any well subject to this bond, then this obligation shall be void; otherwise it shall remain in full force and effect.

And Surety, for value received, agrees that no amendment to existing laws, rules or regulations, or adoption of new laws, rules or regulations shall in anyway discharge its obligation on this bond, and does hereby waive notice of any such amendment, adoption or modification.

This bond shall be effective from the 30th day of June, 20 25 and shall continue in effect until June 30, 2027, unless sooner terminated by mutual agreement of Principal and Surety, provided that no such termination may be made unless sixty (60) days' prior written notice is made to the Director. In the event of such termination, the rights of the Director as Obligee and beneficiaries under this bond which arose prior to such termination shall continue.

IN WITNESS THEREOF the Principal and Surety have caused these present to be duly signed and sealed, this the 2nd day of May, 20 25.

Principal Cascade Drilling, L.P.

Print name:

Title:

Seal:

Surety United States Fire Insurance Company

Melissa Haddick

Print name: Melissa Haddick

Title: Attorney-in-Fact

Seal:

Revised 03.17.2021

POWER OF ATTORNEY
UNITED STATES FIRE INSURANCE COMPANY
PRINCIPAL OFFICE - MORRISTOWN, NEW JERSEY

(PRODUCER CODE)

KNOW ALL MEN BY THESE PRESENTS: That United States Fire Insurance Company, a corporation duly organized and existing under the laws of the state of Delaware, has made, constituted and appointed, and does hereby make, constitute and appoint: **Sandra Parker; Melissa Haddick; Tannis Mattson; Orlando Aguirre; Stacy Killebrew; Madison Diaz and Megan Sivley** each, its true and lawful Attorney(s)-In-Fact, with full power and authority hereby conferred in its name, place and stead, to execute, acknowledge and deliver: Any and all bonds and undertakings of surety and other documents that the ordinary course of surety business may require, and to bind United States Fire Insurance Company thereby as fully and to the same extent as if such bonds or undertakings had been duly executed and acknowledged by the regularly elected officers of United States Fire Insurance Company at its principal office, in amounts or penalties: **One Hundred Twenty Five Million Eight Hundred Thousand Dollars ($125,800,000)**

This Power of Attorney limits the act of those named therein to the bonds and undertakings specifically named therein, and they have no authority to bind United States Fire Insurance Company except in the manner and to the extent therein stated.

This Power of Attorney is granted pursuant to Article IV of the By-Laws of United States Fire Insurance Company as now in full force and effect, and consistent with Article III thereof, which Articles provide, in pertinent part:

Article IV, Execution of Instruments - Except as the Board of Directors may authorize by resolution, the Chairman of the Board, President, any Vice-President, any Assistant Vice President, the Secretary, or any Assistant Secretary shall have power on behalf of the Corporation:

(a) to execute, affix the corporate seal manually or by facsimile to, acknowledge, verify and deliver any contracts, obligations, instruments and documents whatsoever in connection with its business including, without limiting the foregoing, any bonds, guarantees, undertakings, recognizances, powers of attorney or revocations of any powers of attorney, stipulations, policies of insurance, deeds, leases, mortgages, releases, satisfactions and agency agreements;
(b) to appoint, in writing, one or more persons for any or all of the purposes mentioned in the preceding paragraph (a), including affixing the seal of the Corporation.

Article III, Officers, Section 3.11, Facsimile Signatures. The signature of any officer authorized by the Corporation to sign any bonds, guarantees, undertakings, recognizances, stipulations, powers of attorney or revocations of any powers of attorney and policies of insurance issued by the Corporation may be printed, facsimile, lithographed or otherwise produced. In addition, if and as authorized by the Board of Directors, dividend warrants or checks, or other numerous instruments similar to one another in form, may be signed by the facsimile signature or signatures, lithographed or otherwise produced, of such officer or officers of the Corporation as from time to time may be authorized to sign such instruments on behalf of the Corporation. The Corporation may continue to use for the purposes herein stated the facsimile signature of any person or persons who shall have been such officer or officers of the Corporation, notwithstanding the fact that he may have ceased to be such at the time when such instruments shall be issued.

IN WITNESS WHEREOF, United States Fire Insurance Company has caused these presents to be signed and attested by its appropriate officer and its corporate seal hereunto affixed this 17th day of January, 2025.

UNITED STATES FIRE INSURANCE COMPANY

Matthew E. Lubin, President

State of New Jersey}
County of Morris }

On this 17th day of January, 2025, before me, a Notary public of the State of New Jersey, came the above named officer of United States Fire Insurance Company, to me personally known to be the individual and officer described herein, and acknowledged that he executed the foregoing instrument and affixed the seal of United States Fire Insurance Company thereto by the authority of his office.

ETHAN SCHWARTZ
NOTARY PUBLIC
STATE OF NEW JERSEY
MY COMMISSION EXPIRES 6/25/2029
COMMISSION: #50223171

Ethan Schwartz (Notary Public)

I, the undersigned officer of United States Fire Insurance Company, a Delaware corporation, do hereby certify that the original Power of Attorney of which the foregoing is a full, true and correct copy is still in force and effect and has not been revoked.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the corporate seal of United States Fire Insurance Company on the 2nd day of May 20 25

UNITED STATES FIRE INSURANCE COMPANY

Michael C. Fay, Senior Vice President

*For verification of the authenticity of the Power of Attorney, please contact (phone number) or email: patricia.taber @amyntagroup.com

APPENDIX B

Boring and Well Construction Log

Geosyntec consultants

engineers | scientists | innovators

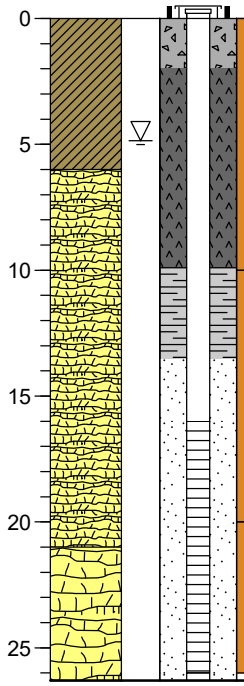
BORING AND WELL LOG LEGEND

LITHOLOGY	WATER LEVEL	WELL/BORING COMPLETION	Sample Type	Date & Time	Blow Counts	Recovery	SOIL/ROCK VISUAL DESCRIPTION	PID (ppm)	Lab Sample
							ASPHALT		
							CONCRETE		
							FILL		
							TOPSOIL		
							COBBLES		
							IGNEOUS Rock		
							METAMORPHIC Rock		
							SEDIMENTARY Rock		
							PARTIALLY WEATHERED Rock (PWR) / SAPROLITE		
							Well-graded GRAVEL (GW)		
							Poorly graded GRAVEL (GP)		
							Silty GRAVEL (GM)		
							Clayey GRAVEL (GC)		
							Well-graded GRAVEL with silt (GW-GM)		
							Poorly graded GRAVEL with silt (GP-GM)		
							Well-graded GRAVEL with clay (GW-GC)		
							Poorly graded GRAVEL with clay (GP-GC)		
							Well-graded SAND (SW)		
							Poorly graded SAND (SP)		
							Silty SAND (SM)		
							Clayey SAND (SC)		
							Well-graded SAND with silt (SW-SM)		
							Poorly graded SAND with silt (SP-SM)		
							Well-graded SAND with clay (SW-SC)		
							Poorly graded SAND with clay (SP-SC)		
							SILT (ML)		
							Elastic SILT (MH)		
							Lean CLAY (CL)		
							Sandy Lean CLAY (CL)		
							Gravelly Lean CLAY (CL)		
							Fat CLAY (CH)		
							Sandy Fat CLAY (CH)		
							Gravelly Fat CLAY (CH)		
							Organic SOIL (OL)		
							Organic SOIL (OH)		
							PEAT (PT)		
							Percentage Ranges: Trace <5%; Few 5-10%; Little 15-25%; Some 30-45%; Mostly >=50%		
							Water Level During Drilling Water Level at End of Drilling/in Completed Well		
							Cap Riser Screen Cement Grout Bentonite Seal Filter Pack Backfill		
			GR				Grab		
			EN				Encore		
			SS				Split Spoon		
			CM				Cal Mod		
			ST				Shelby Tube		
			CO				Core Barrel		
			DP				Direct Push		
							PID Reading | Lab Sample ID (soil | water)	0.0	SB-1@2.5

NOTES:

Geosyntec consultants (engineers | scientists | innovators)	**Client:** Southern Company Services **Project:** Plant Wansley Well Installation **Address:** 1371 Liberty Church Rd, Carrollton, GA	**WELL LOG** **Well No.** WGWC-42A **Page:** 1 of 1

Drilling Start Date:	**4/21/2026**	Boring Depth (ft):	**26.5**	Well Depth (ft bgs):	**26.50**
Drilling End Date:	**4/21/2026**	Boring Diameter (in):	**6**	Well Diameter (in):	**2**
Drilling Company:	**Cascade Drilling**	Sampling Method(s):	**Core Barrel**	Screen Slot (in):	**0.010**
Drilling Method:	**Sonic**	Depth to Water (ft bgs):	**4.85**	Riser Material:	**Sch 40 PVC**
Drilling Equipment:	**Terrasonic Ti150**	Ground Surface Elev. (ft):	**775.74**	Screen Material:	**Sch 40 PVC Slotted**
Driller:	**J. Asua**	Top of Casing Elev. (ft):	**778.26**	Seal Material(s):	**Grout, Bentonite**
Logged By:	**A. Ullrich**	North,East (ft):	**1243511.01, 2030133.39**	Filter Pack:	**#20/40 Sand**



DEPTH (FT)	Sample Type	Blow Counts	Recovery (%)	N Value	SOIL/ROCK VISUAL DESCRIPTION	ELEVATION (FT NAVD88)
0					(0') Sandy CLAY (CL); red (2.5YR 4/8), moist, soft, low plasticity.	775
5	CO	--	100	--	(3') Sandy CLAY (CL); reddish yellow (5YR 6/6), moist, soft, low plasticity.	770
10	CO	--	100	--	(6') SAPROLITE; reddish yellow (5YR 6/6), moist, soft, low plasticity, recovered as clay, with coarse sand, trace nodules of white coarse sand containing quartz and feldspar, micaceous. (9') As above but sandy clay.	765
15	CO	--	100	--		760
20	CO	--	100	--	(21') PARTIALLY WEATHERED ROCK (PWR); light red (10R 7/6), medium dense, well-graded, recovered as clayey sand, coarse, some schist gravel, with yellowish-brown mottling.	755
25					(24') PWR; pink (10R 8/3), medium dense, well-graded, recovered as gravelly sand, coarse grained, schist.	750

(26.5') Boring terminated.

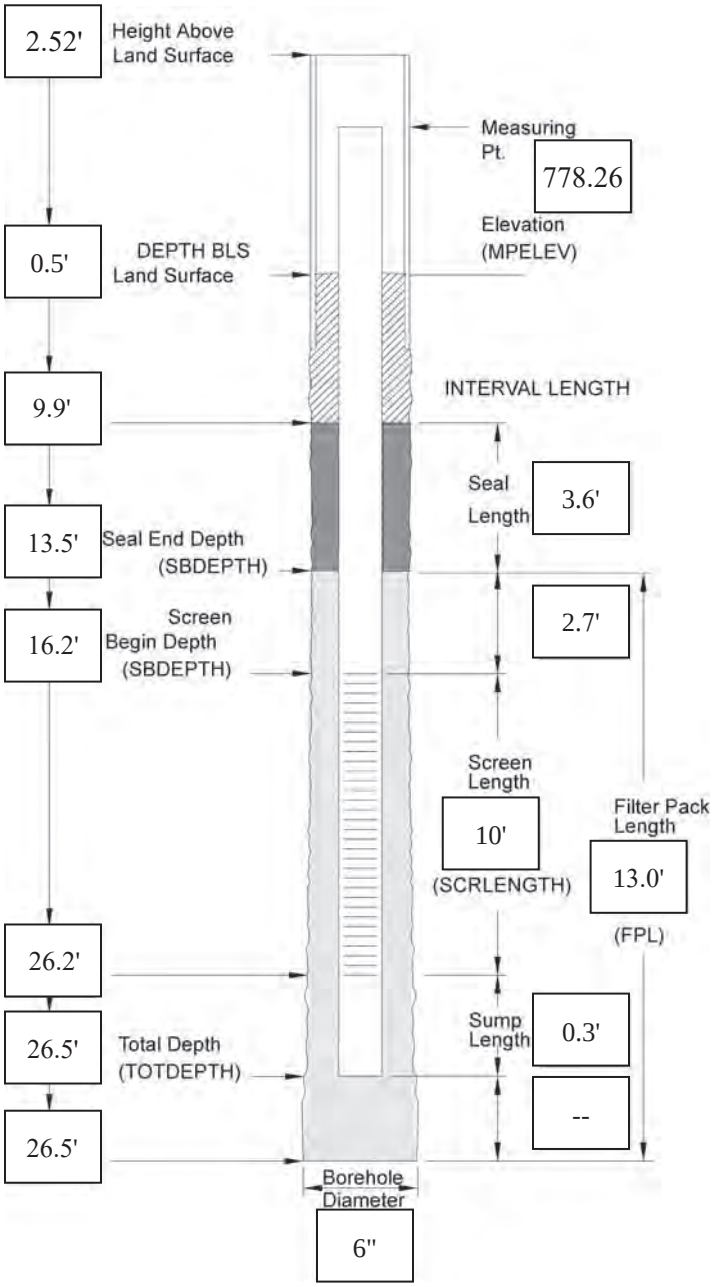
NOTES: Well sealed with bentonite grout and bentonite pellets. Well completed with 0.3' long PVC sump below well screen and aboveground (+2.52 ft) PVC stickup with metal protective cover and bollards set in concrete. Well depth measured from ground surface. Coordinates in North American Datum (NAD) 1983, State Plane, Georgia-West, feet. Vertical elevations are referenced to the North American Vertical Datum (NAVD) of 1988.

WELL CONSTRUCTION LOG
ABOVE GROUND COMPLETION

Well I.D.: WGWC-42A

Drilling Company: Cascade Drilling
Drillers: J. Asua
Geologist/Engineer: A. Ullrich
Signature: [signature]

Site: Plant Wansley
Project Number: 26003370
Installation Method: Sonic
Casing Installation Date: 4/21/2026
Well Type: Monitoring Well
Well Completion Method: Stick up
Geologic Completion Zone: PWR



Well Completion
Guard Posts **YES** Date: 4/22/2026
Surface Pad Size: 4 ft x 4 ft
Protective Casing or Cover
Diameter/Type: 4" x 4" metal
Depth BGS: 2' Weep Hole **YES**
Grout
Composition/Proportions: Aquaguard 1 50-lbs bag, 14 gallons of water
Placement Method: Tremie pipe

Seal Date: 4/21/2026
Type: 1/2" non-coated bentonite pellets
Source: Pel-Plug 1 5-gallon bucket
Set-up/Hydration Time: 2 hours
Placement Method: Gravity pour
Vol. Fluid Added: NA
Filter Pack
Type: 20/40 Filtersil sand
Source: Southern Products & Silica Co.
Amount Used: 2 cubic ft
Placement Method: Gravity pour
Well Riser Pipe
Casing Material: Sch 40 PVC
Casing Inside Diameters: 2 in.
Screen
Material: Sch 40 PVC U-Pack
Inside Diameter: 2 in.
Screen Slot Size: 0.010 in.
Percent Open Area: NA
Sump or Bottom Cap **YES**
Type/Length: 0.3' Sch 40 PVC cone
Backfill Plug NO
Material: NA
Placement Method: NA
Set-up/Hydration Time: NA
Total Water Volume During Construction
Introduced (Gal): 10 Recovered (Gal): 10
Reviewed
By: Dalton Kegley Date: 5/28/2026

Comments

APPENDIX C

Well Development and Equipment Calibration Forms

Field Instrumentation Calibration Form

ATLANTIC COAST CONSULTING, INC.

Site Name: Plant Wansley

Date: 05-11-26

Calibrated By: J. Hay

Field Conditions: Sunny, 60s

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	AquaTroll 500	1183990
Turbidity Meter	Hach 2100Q	24010D000402

Calibration Standard Information

Parameter	Standard	Lot #	Date of Expiration	Brand
D.O. (%)	N/A	DI Water	—	—
pH (SU)	4.00	SG10399	09/27	PINE
pH (SU)	7.00	SGK0631	11/27	PINE
pH (SU)	10.00	SG10401	09/27	PINE
Specific Conductance (µS/cm)	1,413	4GJ0461	10/26	PINE
ORP (mV)	240.0	SG10371	04/26	PINE

	Standard	Lot #	Date of Expiration	Brand
Turbidity (NTU)	0	DI Water	—	~~Hach~~ DI
	10	A5083	06/26	Hach
	20	A5092	07/26	Hach
	100	A5081	06/26	Hach

Calibration

Time Start: 0910 Time Finish: 0930

Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
D.O. (%)	N/A	100.0	21.17	± 10%	EPA 2023
pH (SU)	4.00	4.00	21.56	± 0.1	GWMP
pH (SU)	7.00	7.02	22.49	± 0.1	GWMP
pH (SU)	10.00	10.05	22.22	± 0.1	GWMP
Specific Conductance (µS/cm)	1,413	1413.0	22.76	± 10% of standard	NA
ORP (mV)	~~240.0~~ 231.8	221.3	22.92	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	0	0.13	± 10% of standard	EPA 2023
	10	9.97		
	20	19.1		
	100	100		

Calibration Check

Time Start 1235 Time Finish 1245

Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
pH (SU)	4.00	4.00	24.86	± 0.1	GWMP
pH (SU)	7.00	7.02	25.11	± 0.1	GWMP
pH (SU)	10.00	10.00	24.98	± 0.1	GWMP
Specific Conductance (µS/cm)	1,413	1413.0	24.72	± 10% of standard	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	0	0.22	± 10% of standard	EPA 2023
	10	10.1		
	20	19.8		
	100	101		

Atlantic Coast Consulting, Inc.
Well Development Field Record

Job Name: Plant Wansley AP Well Development
Job No. I054-118 Well ID WGWC-42A
Developed By: J. May
Date of Installation:
Sheet 1 of 1
Started Dev. 5/11/2026 1010
Completed Dev. 5/11/2026 1230
Date / Time
W.L. Before Dev. 12.12 5/11/2026 1007
W.L. After Dev. 13.49 5/11/2026 1230
BTOC / Date / Time
Well Depth Before Dev.: 29.01 BTOC
Well Depth After Dev.: 29.02 BTOC
Water Column (H): 16.89 Ft. Well Dia.: 2 In.
Well Volume: 2.70 Gal. Screen Length: 10 Ft.

Date / Time	Volume Removed (Gal.)	Field Parameters						Remarks
		pH (S.U.)	Specific Cond. (umhos/cm)	DO mg/L	Turbidity (NTU)	Temperature (°C)	ORP	
5-11-26/1103	1.7	5.34	92.12	1.9	379	19.72	125.8	Surged well
5-11-26/1108	2.5	5.32	90.90	1.9	575	20.01	106.0	Surged well
5-11-26/1113	3.3	5.30	90.66	1.7	1000	19.72	95.3	Surged well
5-11-26/1140	8.2	5.47	89.02	2.5	53	21.81	94.0	
5-11-26/1150	11.9	5.49	89.21	2.3	17	23.68	95.2	
5-11-26/1200	15.6	5.49	89.62	2.5	6.65	25.17	94.8	
5-11-26/1205	17.5	5.19	83.66	1.8	5.37	19.11	97.5	
5-11-26/1210	18.6	5.17	83.01	2.1	3.85	18.90	94.8	
5-11-26/1215	19.8	5.19	82.54	2.1	3.24	18.91	91.8	
5-11-26/1220	21.0	5.21	82.93	2.2	2.33	18.83	90.1	
5-11-26/1225	22.2	5.21	83.64	2.1	1.98	18.91	88.8	
5-11-26/1230	23.4	5.24	83.62	2.2	1.85	18.90	85.9	
Totla Volume Removed:	23.4 Gallons							

Development Method: Surged well with ridged tubing and surge block for approximately 20 minutes. Switched to reclaimer pump. Well development continuously until five well volumes were removed and turbidity fell under 5 NTUs.

Notes: H = well depth (BTOC) - W.L. (BTOC)
2" diameter well: 0.16 X H = volume in gallons
4" diameter well: 0.66 X H = voume in gallons

APPENDIX D

Certified Well Survey Data

Plant Wansley Carrolton County, Georgia						
Monitoring Well Survey						
Well ID	Casing	Casing	Top of Casing	Nail or Pad	Nail or Pad	Nail or Pad
	Northing	Easting	Elevation	Northing	Easting	Elevation
WGWC-42A	1243511.906	2030132.608	778.257	1243511.012	2030133.391	775.739

All coordinates are based upon Georgia State Plane, West Zone. Elevations are refrenced to NAVD 1988 datum.
Control used to perform work set by Thompson in 2021 by running static sessions and submitting to OPUS for coordinates and elevations. Equipment used for horizontal positions: Trimble R12 RTK GPS. Elevations for each point was established by running closed level loops with Trimble Dini level. Thompson Engineering Project 26-1102-0052

4/29/2026

Johnny E. Holley date
Georgia Registration Number LS003550
Thompson Engineering Certificate of Authorization LSF-1151

GEORGIA
REGISTERED
NO. LS003550
LAND SURVEYOR
JOHNNY EUGENE HOLLEY

Prepared for

Georgia Power Company
241 Ralph McGill Blvd NE
Atlanta, Georgia 30308

PIEZOMETER ABANDONMENT REPORT

PLANT WANSLEY ASH POND 1 (AP-1)

Prepared by

Geosyntec consultants

engineers | scientists | innovators

1255 Roberts Boulevard, Suite 200
Kennesaw, Georgia 30144

Project Number 26003343

August 2026

CERTIFICATION PAGE

I hereby certify that this *Piezometer Abandonment Report, Plant Wansley AP-1* has been prepared by, or under the direct supervision of, a Qualified Groundwater Scientist with Geosyntec Consultants, Inc. and is in compliance with the United States Environmental Protection Agency Coal Combustion Residual Rule [40 Code of Federal Regulations 257 Subpart D], specifically §257.91(e)(1), and the Georgia Environmental Protection Division Rules for Solid Waste Management 391-3-4-.10.

According to 391-3-4-.01, a Qualified Groundwater Scientist is "a professional engineer or geologist registered to practice in Georgia who has received a baccalaureate or post-graduate degree in the natural sciences or engineering and has sufficient training and experience in groundwater hydrology and related fields that enable individuals to make sound professional judgments regarding groundwater monitoring, contaminant fate and transport, and corrective action."

Date: August 25, 2026
Dalton Kegley, P.G.
Georgia Professional Geologist No. 2486
Project Geologist
Geosyntec Consultants

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Figure 1 Piezometer Abandonment Locations

LIST OF APPENDICES

Attachment A Bond for Drillers
Attachment B Piezometer Abandonment Field Forms

LIST OF ACRONYMS

AP	Ash Pond
CCR	coal combustion residuals
GA EPD	Georgia Environmental Protection Division
Georgia Power	Georgia Power Company
Geosyntec	Geosyntec Consultants, Inc.
PVC	polyvinyl chloride

1. INTRODUCTION

On behalf of Georgia Power Company (Georgia Power), Geosyntec Consultants (Geosyntec) has prepared this *Piezometer Abandonment Report* for the Georgia Environmental Protection Division (GA EPD) to summarize piezometer abandonment activities conducted on 09 July 2026 at the Plant Wansley Ash Pond 1 (AP-1).

Two (2) nested piezometers were abandoned to facilitate ongoing construction activities near AP-1, and the abandonments were completed in general accordance with the *Georgia Water Well Standards Act* (OCGA § 12-5-120 through 138), the U.S. Environmental Protection Agency (USEPA) Science and Ecosystem Support Division guidance document Design and Installation of Monitoring Wells (SESDGUID-101-R2), and the *Plant Wansley-Ash Pond 1 (AP-1) Groundwater Monitoring Plan*, which is approved by GA EPD.

Abandonment activities were performed by Cascade Environmental (Cascade) of Memphis, Tennessee. In accordance with the *Georgia Water Well Standards Act*, Cascade has a bond on file with the State of Georgia, and the work was supervised by a Georgia-licensed well driller. A copy of the driller's bond, which was valid at the time of abandonment, is included in **Attachment A**.

2. PIEZOMETER ABANDONMENT

Two (2) nested piezometers (PZ-32D and PZ-33D) were abandoned by Cascade. The work was completed under the supervision of a Geosyntec staff member with direction and oversight from a Geosyntec professional geologist licensed in the State of Georgia. The locations of the abandoned piezometers are presented in **Figure 1**. Piezometer construction and abandonment details are presented in **Table 1**. PZ-32D was constructed of 1-inch diameter polyvinyl chloride (PVC) well screen and riser. PZ-33D was constructed of 2-inch diameter PVC well screen and riser. Both PZ-32D and PZ-33D were installed within the same 6-inch diameter borehole and were screened in bedrock. Water levels and total piezometer depths were measured and recorded to calculate the estimated volumes of grout needed before initiating abandonment procedures for each piezometer. The piezometers were abandoned by tremie grouting the PVC riser pipe in place with AQUAGAURD ®, a bentonite grout slurry, to ground surface, after which the surface completions were removed.

Tremie grouting was conducted by pumping a bentonite grout slurry through the end of a PVC tremie pipe placed at the bottom of the piezometer, which was raised as the grout slurry level rose to the ground surface. The volume of grout material used as well as the anticipated (calculated) volume is shown in **Table 1**. If grout loss occurred, locations were topped off or brought back to ground surface with additional AQUAGAURD ®.

Piezometer abandonment forms for each piezometer are provided in **Attachment B**.

3. REFERENCES

Georgia Environmental Protection Division (GA EPD), Georgia Department of Natural Resources, 1991. *Manual for Groundwater Monitoring*. September 1991.

Official Code of Georgia Annotated, 1985. *O.C.G.A. § 12-5-120. Water Well Standards Act of 1985*.

United States Environmental Protection Agency. 2015a. Federal Register. Volume 80. No. 74. Friday April 17, 2015. Part II. Environmental Protection Agency. 40 CFR Parts 257 and 261. Hazardous and Solid Waste Management System; Disposal of Coal Combustion Residuals from Electric Utilities; Final Rule. [EPA-HQ-RCRA–2009–0640; FRL–9919–44–OSWER]. RIN–2050–AE81, April 2015

TABLE

Table 1
Summary Details of Abandoned Piezometers
Plant Wansley
Carroll and Heard Counties, Georgia

Well ID	Installation Date	Northing[1] (ft NAD83)	Easting[1] (ft NAD83)	Ground Surface Elevation[2] (ft NAVD88)	Top of Casing Elevation[2] (ft NAVD88)	Screen Interval Length (ft)	Well Depth (ft BTOC)[3]	Depth to Water (ft BTOC)	Approximate Original Borehole Depth (ft bgs)	Abandonment Date[4,5]	Calculated PVC Grout Volume (gal)	Actual PVC Grout Volume (gal)
PZ-32D	10/17/2024	1243211.88	2029886.45	777.14	776.74	10	325.30	20.59	413	7/9/2026	12	15
PZ-33D	10/17/2024	1243211.76	2029886.78	777.14	776.74	10	405.30	22.69	413	7/9/2026	62	70

BGS - below ground surface
BTOC - below top of casing
ft - feet
gal - US liquid gallon
ID - identification
PVC - Polyvinyl chloride casing

Notes:
(1) Northings and Eastings are based on the North American Datum of 1983 (NAD83) Georgia State Plane, West zone, US foot.
(2) Elevations provided are based on the North American Vertical Datum of 1988 (NAVD88).
(3) Total well depth measured prior to abandonment.
(4) Abandonment date indicates date of grouting in place.
(5) Abandonment via trimie grouting in place to ground surface. Once grouted, surface completions were removed.

FIGURE

N

Legend

- Abandoned Piezometer
- Approximate AP-1 Boundary
- AP-1 Permit Boundary

Notes:
1. Abandonment via tremie grouting in place to ground surface. Once grouted, surface competition was removed.
2. Abandoned on July 9, 2026.
3. Service Layer Credit Sources:
 - Immediate vicinity of AP-1: SAM LLC, December 31, 2025.
 - Surrounding area: SAM LLC, January 30, 2024.

0 100 200 400

SCALE IN FEET

PIEZOMETER ABANDONMENT LOCATION MAP

GEORGIA POWER COMPANY
PLANT WANSLEY AP-1
HEARD AND CARROLL COUNTIES, GEORGIA

Prepared For: Georgia Power

Prepared By: Geosyntec consultants

FIGURE 1

KENNESAW, GA | AUGUST 2026

APPENDIX A

Bond for Drillers

GA Water Well Contractor License # 651

Bond Number 612424813

Performance Bond For Water Well Contractors

Name of Water Well Contractor Richard Alan Mooney

Know All Men By These Presents

That we Cascade Drilling, L.P. and Richard Alan Mooney any and all employees, officers and partners (collectively hereinafter, **Principal**), and we United States Fire Insurance Company, duly organized under the laws of the State of Delaware (hereinafter, **Surety**), are held and firmly bound unto the Director of the Environmental Protection Division, Department of Natural Resources, State of Georgia (**Director**) and his or her successor or successors in office, as **Obligee**, in the full sum of **THIRTY THOUSAND DOLLARS ($30,000.00)** for the payment of which will and truly to be made, the Principal and Surety bind ourselves, our heirs, administrators, successors and assigns, jointly and severally, by these presents.

WHEREAS, the Water Well Standards Act of 1985 (O.C.G.A. §§ 12-5-120 *et seq.*) (the Act) requires that a Water Well Contractor, as that term is defined by the Act, have a performance bond with the Director to ensure compliance with the Act; and WHEREAS the above bound Principal is subject to the terms and provisions of said Act.

NOW, THEREFORE, the conditions of this obligation are such that if the above bound Principal shall fully and faithfully perform the duties and in all things comply with the procedures and standards set forth in the Act as now and hereafter amended, and the rules and regulations promulgated pursuant thereto, including but not limited to the correction of any violation of such procedures and standards upon discovery, irrespective of whether such discovery is made before completion of any well subject to this bond, then this obligation shall be void; otherwise it shall remain in full force and effect.

And Surety, for value received, agrees that no amendment to existing laws, rules or regulations, or adoption of new laws, rules or regulations shall in anyway discharge its obligation on this bond, and does hereby waive notice of any such amendment, adoption or modification.

This bond shall be effective from the 30th day of June, 20 25 and shall continue in effect until June 30, 2027, unless sooner terminated by mutual agreement of Principal and Surety, provided that no such termination may be made unless sixty (60) days' prior written notice is made to the Director. In the event of such termination, the rights of the Director as Obligee and beneficiaries under this bond which arose prior to such termination shall continue.

IN WITNESS THEREOF the Principal and Surety have caused these present to be duly signed and sealed, this the 2nd day of May, 20 25.

Principal Cascade Drilling, L.P.

Print name:

Title:

Seal:

Surety United States Fire Insurance Company

Melissa Haddick

Print name: Melissa Haddick

Title: Attorney-in-Fact

Seal:

Revised 03.17.2021

POWER OF ATTORNEY
UNITED STATES FIRE INSURANCE COMPANY
PRINCIPAL OFFICE - MORRISTOWN, NEW JERSEY

(PRODUCER CODE)

KNOW ALL MEN BY THESE PRESENTS: That United States Fire Insurance Company, a corporation duly organized and existing under the laws of the state of Delaware, has made, constituted and appointed, and does hereby make, constitute and appoint: **Sandra Parker; Melissa Haddick; Tannis Mattson; Orlando Aguirre; Stacy Killebrew; Madison Diaz and Megan Sivley** each, its true and lawful Attorney(s)-In-Fact, with full power and authority hereby conferred in its name, place and stead, to execute, acknowledge and deliver: Any and all bonds and undertakings of surety and other documents that the ordinary course of surety business may require, and to bind United States Fire Insurance Company thereby as fully and to the same extent as if such bonds or undertakings had been duly executed and acknowledged by the regularly elected officers of United States Fire Insurance Company at its principal office, in amounts or penalties: **One Hundred Twenty Five Million Eight Hundred Thousand Dollars ($125,800,000)**

This Power of Attorney limits the act of those named therein to the bonds and undertakings specifically named therein, and they have no authority to bind United States Fire Insurance Company except in the manner and to the extent therein stated.

This Power of Attorney is granted pursuant to Article IV of the By-Laws of United States Fire Insurance Company as now in full force and effect, and consistent with Article III thereof, which Articles provide, in pertinent part:

Article IV, Execution of Instruments - Except as the Board of Directors may authorize by resolution, the Chairman of the Board, President, any Vice-President, any Assistant Vice President, the Secretary, or any Assistant Secretary shall have power on behalf of the Corporation:

(a) to execute, affix the corporate seal manually or by facsimile to, acknowledge, verify and deliver any contracts, obligations, instruments and documents whatsoever in connection with its business including, without limiting the foregoing, any bonds, guarantees, undertakings, recognizances, powers of attorney or revocations of any powers of attorney, stipulations, policies of insurance, deeds, leases, mortgages, releases, satisfactions and agency agreements;
(b) to appoint, in writing, one or more persons for any or all of the purposes mentioned in the preceding paragraph (a), including affixing the seal of the Corporation.

Article III, Officers, Section 3.11, Facsimile Signatures. The signature of any officer authorized by the Corporation to sign any bonds, guarantees, undertakings, recognizances, stipulations, powers of attorney or revocations of any powers of attorney and policies of insurance issued by the Corporation may be printed, facsimile, lithographed or otherwise produced. In addition, if and as authorized by the Board of Directors, dividend warrants or checks, or other numerous instruments similar to one another in form, may be signed by the facsimile signature or signatures, lithographed or otherwise produced, of such officer or officers of the Corporation as from time to time may be authorized to sign such instruments on behalf of the Corporation. The Corporation may continue to use for the purposes herein stated the facsimile signature of any person or persons who shall have been such officer or officers of the Corporation, notwithstanding the fact that he may have ceased to be such at the time when such instruments shall be issued.

IN WITNESS WHEREOF, United States Fire Insurance Company has caused these presents to be signed and attested by its appropriate officer and its corporate seal hereunto affixed this 17th day of January, 2025.

UNITED STATES FIRE INSURANCE COMPANY

Matthew E. Lubin, President

State of New Jersey}
County of Morris }

On this 17th day of January, 2025, before me, a Notary public of the State of New Jersey, came the above named officer of United States Fire Insurance Company, to me personally known to be the individual and officer described herein, and acknowledged that he executed the foregoing instrument and affixed the seal of United States Fire Insurance Company thereto by the authority of his office.

ETHAN SCHWARTZ
NOTARY PUBLIC
STATE OF NEW JERSEY
MY COMMISSION EXPIRES 6/25/2029
COMMISSION: #50223171

Ethan Schwartz (Notary Public)

I, the undersigned officer of United States Fire Insurance Company, a Delaware corporation, do hereby certify that the original Power of Attorney of which the foregoing is a full, true and correct copy is still in force and effect and has not been revoked.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the corporate seal of United States Fire Insurance Company on the 2nd day of May 20 25

UNITED STATES FIRE INSURANCE COMPANY

Michael C. Fay, Senior Vice President

*For verification of the authenticity of the Power of Attorney, please contact (phone number) or email: patricia.taber @amyntagroup.com

APPENDIX B

Piezometer Abandonment Field Forms

Well Abandonment Field Form

Project Name: Plant Wansley GW Services

Well ID: PZ-32D

Project No.: 26003343

Drilling Co.: Cascade Environmental

Geosyntec Rep: Andrews Dwomoh

Driller: Jose Asua

Date of Abandonment: 7/9/2026

Abandonment Method (i.e. Grout in Place, Overdrill and Grout, etc.): Tremie grout in place of PVC riser.

Total Depth of Well: 325.3 ft from Top of Casing

Water Level: 20.59 ft from Top of Casing

Total Volume of Grout Used:

Grouting of Well Casing: 15 gallons

Grout Mixture:

1 Bag of Bentonite Used (50 Ibs. each)

15 Gallons of Water Used

Bentonite Brand: AQUAGUARD

Notes:

Surface completion removed post grouting in place of the PVC riser.

Well Abandonment Field Form

Project Name: Plant Wansley GW Services

Well ID: PZ-33D

Project No.: 26003343

Drilling Co.: Cascade Environmental

Geosyntec Rep: Andrews Dwomoh

Driller: Jose Asua

Date of Abandonment: 7/9/2026

Abandonment Method (i.e. Grout in Place, Overdrill and Grout, etc.): Tremie grout in place of PVC riser.

Total Depth of Well: 405.3 ft from Top of Casing

Water Level: 22.69 ft from Top of Casing

Total Volume of Grout Used:

Grouting of Well Casing: 70 gallons

Grout Mixture:

5 Bags of Bentonite Used (50 lbs. each)

70 Gallons of Water Used

Bentonite Brand: AQUAGUARD

Notes:

Surface completion removed post grouting in place of the PVC riser.

APPENDIX B

Well Maintenance and Repair Documentation Memoranda

ATLANTIC COAST CONSULTING, INC.

A solid approach for a cleaner environment.

Memorandum

To:	Trey Singleton – Southern Company Services
From:	Atlantic Coast Consulting, Inc.
Date:	May 12, 2026
Subject:	Plant Wansley Ash Pond 1 – Well Maintenance and Repair Documentation Georgia Power Company

Atlantic Coast Consulting, Inc. (ACC) has prepared this memorandum to provide documentation of any groundwater monitoring well maintenance and/or repairs performed at Plant Wansley Ash Pond during the February 2026 Semiannual Groundwater Monitoring reporting period. No repairs or well maintenance were necessary.

Well Inspection

Site Name: Plant Wansley Ash Pond 1 Date: 2/9/2026

Permit Number: Field Conditions: Sunny, 65º F

Well ID:	Location/Identification			
	Visible and accessible	Properly identified with correct well ID	Located in high traffic area; does the well require protection from traffic	Acceptable drainage around well (no standing water, not located in obvious drainage flow path)
WGWA-1	YES	YES	NO	YES
WGWA-2	YES	YES	NO	YES
WGWA-3	YES	YES	NO	YES
WGWA-4	YES	YES	NO	YES
WGWA-5	YES	YES	NO	YES
WGWA-6	YES	YES	NO	YES
WGWA-7	YES	YES	NO	YES
WGWA-18	YES	YES	NO	YES
WGWC-8A	YES	YES	NO	YES
WGWC-9	YES	YES	NO	YES
WGWC-10	YES	YES	NO	YES
WGWC-11	YES	YES	NO	YES
WGWC-12	YES	YES	NO	YES
WGWC-13	YES	YES	NO	YES
WGWC-14	YES	YES	NO	YES
WGWC-14A	YES	YES	NO	YES
WGWC-15	YES	YES	NO	YES
WGWC-16	YES	YES	NO	YES
WGWC-17	YES	YES	NO	YES
WGWC-19	YES	YES	NO	YES
WGWC-20	YES	YES	NO	YES
WGWC-21	YES	YES	NO	YES
WGWC-22	YES	YES	NO	YES
WGWC-23	YES	YES	NO	YES
WGWC-24	YES	YES	NO	YES
WGWC-25	YES	YES	NO	YES
WGWC-26D	YES	YES	NO	YES
WGWC-27	YES	YES	NO	YES
WGWC-28D	YES	YES	NO	YES
WGWC-30	YES	YES	NO	YES
WGWC-31D	YES	YES	NO	YES
WGWC-31S	YES	YES	NO	YES
WGWC-32	YES	YES	NO	YES
WGWC-33	YES	YES	NO	YES
WGWC-34D	YES	YES	NO	YES
WGWC-34S	YES	YES	NO	YES
WGWC-35D	YES	YES	NO	YES
WGWC-35S	YES	YES	NO	YES

Well Inspection

Site Name: Plant Wansley Ash Pond 1 Date: 2/9/2026

Permit Number: Field Conditions: Sunny, 65º F

Well ID:	Location/Identification			
	Visible and accessible	Properly identified with correct well ID	Located in high traffic area; does the well require protection from traffic	Acceptable drainage around well (no standing water, not located in obvious drainage flow path)
WGWC-36D	YES	YES	NO	YES
WGWC-36S	YES	YES	NO	YES
WGWC-37D	YES	YES	NO	YES
WGWC-37S	YES	YES	NO	YES
WGWC-38D	YES	YES	NO	YES
WGWC-38S	YES	YES	NO	YES
WGWC-39	YES	YES	NO	YES
WGWC-40	YES	YES	NO	YES
WGWC-41	YES	YES	NO	YES
PZ-01	YES	YES	NO	YES
PZ-04	YES	YES	NO	YES
PZ-06	YES	YES	NO	YES
PZ-08	YES	YES	NO	YES
PZ-16	YES	YES	NO	YES
PZ-17	YES	YES	NO	YES
PZ-18	YES	YES	NO	YES
PZ-23D	YES	YES	NO	YES
PZ-26D	YES	YES	NO	YES
PZ-27D	YES	YES	NO	YES
PZ-28	YES	YES	NO	YES
PZ-30	YES	YES	NO	YES
PZ-31	YES	YES	NO	YES
PZ-32D	YES	YES	NO	YES
PZ-33D	YES	YES	NO	YES
WAMW-1	YES	YES	NO	YES
WAMW-2	YES	YES	NO	YES

Well Inspection

Site Name: Plant Wansley Ash Pond 1 Date: 2/9/2026

Permit Number: Field Conditions: Sunny, 65º F

Well ID:	Protective Casing				
	Free from apparent damage and able to be secured	No degradation or deterioration	Functioning weep hole	Annular space clear of debris and water, or filled with pea gravel/sand	Locked and is the lock in good condition
WGWA-1	YES	YES	YES	YES	YES
WGWA-2	YES	YES	YES	YES	YES
WGWA-3	YES	YES	YES	YES	YES
WGWA-4	YES	YES	YES	YES	YES
WGWA-5	YES	YES	YES	YES	YES
WGWA-6	YES	YES	YES	YES	YES
WGWA-7	YES	YES	YES	YES	YES
WGWA-18	YES	YES	YES	YES	YES
WGWC-8A	YES	YES	YES	YES	YES
WGWC-9	YES	YES	YES	YES	YES
WGWC-10	YES	YES	YES	YES	YES
WGWC-11	YES	YES	YES	YES	YES
WGWC-12	YES	YES	YES	YES	YES
WGWC-13	YES	YES	YES	YES	YES
WGWC-14	YES	YES	YES	YES	YES
WGWC-14A	YES	YES	YES	YES	YES
WGWC-15	YES	YES	YES	YES	YES
WGWC-16	YES	YES	YES	YES	YES
WGWC-17	YES	YES	YES	YES	YES
WGWC-19	YES	YES	YES	YES	YES
WGWC-20	YES	YES	YES	YES	YES
WGWC-21	YES	YES	YES	YES	YES
WGWC-22	YES	YES	YES	YES	YES
WGWC-23	YES	YES	YES	YES	YES
WGWC-24	YES	YES	YES	YES	YES
WGWC-25	YES	YES	YES	YES	YES
WGWC-26D	YES	YES	YES	YES	YES
WGWC-27	YES	YES	YES	YES	YES
WGWC-28D	YES	YES	YES	YES	YES
WGWC-30	YES	YES	YES	YES	YES
WGWC-31D	YES	YES	YES	YES	YES
WGWC-31S	YES	YES	YES	YES	YES
WGWC-32	YES	YES	YES	YES	YES
WGWC-33	YES	YES	YES	YES	YES
WGWC-34D	YES	YES	YES	YES	YES
WGWC-34S	YES	YES	YES	YES	YES
WGWC-35D	YES	YES	YES	YES	YES
WGWC-35S	YES	YES	YES	YES	YES

Well Inspection

Site Name: Plant Wansley Ash Pond 1 Date: 2/9/2026

Permit Number: Field Conditions: Sunny, 65º F

Well ID:	Protective Casing				
	Free from apparent damage and able to be secured	No degradation or deterioration	Functioning weep hole	Annular space clear of debris and water, or filled with pea gravel/sand	Locked and is the lock in good condition
WGWC-36D	YES	YES	YES	YES	YES
WGWC-36S	YES	YES	YES	YES	YES
WGWC-37D	YES	YES	YES	YES	YES
WGWC-37S	YES	YES	YES	YES	YES
WGWC-38D	YES	YES	YES	YES	YES
WGWC-38S	YES	YES	YES	YES	YES
WGWC-39	YES	YES	YES	YES	YES
WGWC-40	YES	YES	YES	YES	YES
WGWC-41	YES	YES	YES	YES	YES
PZ-01	YES	YES	YES	YES	YES
PZ-04	YES	YES	YES	YES	YES
PZ-06	YES	YES	YES	YES	YES
PZ-08	YES	YES	YES	YES	YES
PZ-16	YES	YES	YES	YES	YES
PZ-17	YES	YES	YES	YES	YES
PZ-18	YES	YES	YES	YES	YES
PZ-23D	YES	YES	YES	YES	YES
PZ-26D	YES	YES	YES	YES	YES
PZ-27D	YES	YES	YES	YES	YES
PZ-28	YES	YES	YES	YES	YES
PZ-30	YES	YES	YES	YES	YES
PZ-31	YES	YES	YES	YES	YES
PZ-32D	YES	YES	YES	YES	YES
PZ-33D	YES	YES	YES	YES	YES
WAMW-1	YES	YES	YES	YES	YES
WAMW-2	YES	YES	YES	YES	YES

Well Inspection

Site Name: Plant Wansley Ash Pond 1 Date: 2/9/2026

Permit Number: Field Conditions: Sunny, 65º F

Well ID:	Surface Pad			Internal Casing		
	Good condition (not cracked/ broken)	Sloped away from the protective casing	In complete contact with the ground surface and stable	Cap prevents entry of foreign material into the well	Free of kinks/bends, or any obstructions from foreign objects (such as bailers)	Properly vented for equilibration of air pressure
WGWA-1	YES	YES	YES	YES	YES	YES
WGWA-2	YES	YES	YES	YES	YES	YES
WGWA-3	YES	YES	YES	YES	YES	YES
WGWA-4	YES	YES	YES	YES	YES	YES
WGWA-5	YES	YES	YES	YES	YES	YES
WGWA-6	YES	YES	YES	YES	YES	YES
WGWA-7	YES	YES	YES	YES	YES	YES
WGWA-18	YES	YES	YES	YES	YES	YES
WGWC-8A	YES	YES	YES	YES	YES	YES
WGWC-9	YES	YES	YES	YES	YES	YES
WGWC-10	YES	YES	YES	YES	YES	YES
WGWC-11	YES	YES	YES	YES	YES	YES
WGWC-12	YES	YES	YES	YES	YES	YES
WGWC-13	YES	YES	YES	YES	YES	YES
WGWC-14	YES	YES	YES	YES	YES	YES
WGWC-14A	YES	YES	YES	YES	YES	YES
WGWC-15	YES	YES	YES	YES	YES	YES
WGWC-16	YES	YES	YES	YES	YES	YES
WGWC-17	YES	YES	YES	YES	YES	YES
WGWC-19	YES	YES	YES	YES	YES	YES
WGWC-20	YES	YES	YES	YES	YES	YES
WGWC-21	YES	YES	YES	YES	YES	YES
WGWC-22	YES	YES	YES	YES	YES	YES
WGWC-23	YES	YES	YES	YES	YES	YES
WGWC-24	YES	YES	YES	YES	YES	YES
WGWC-25	YES	YES	YES	YES	YES	YES
WGWC-26D	YES	YES	YES	YES	YES	YES
WGWC-27	YES	YES	YES	YES	YES	YES
WGWC-28D	YES	YES	YES	YES	YES	YES
WGWC-30	YES	YES	YES	YES	YES	YES
WGWC-31D	YES	YES	YES	YES	YES	YES
WGWC-31S	YES	YES	YES	YES	YES	YES
WGWC-32	YES	YES	YES	YES	YES	YES
WGWC-33	YES	YES	YES	YES	YES	YES
WGWC-34D	YES	YES	YES	YES	YES	YES
WGWC-34S	YES	YES	YES	YES	YES	YES
WGWC-35D	YES	YES	YES	YES	YES	YES
WGWC-35S	YES	YES	YES	YES	YES	YES

Well Inspection

Site Name: Plant Wansley Ash Pond 1 Date: 2/9/2026

Permit Number: Field Conditions: Sunny, 65º F

Well ID:	Surface Pad			Internal Casing		
	Good condition (not cracked/ broken)	Sloped away from the protective casing	In complete contact with the ground surface and stable	Cap prevents entry of foreign material into the well	Free of kinks/bends, or any obstructions from foreign objects (such as bailers)	Properly vented for equilibration of air pressure
WGWC-36D	YES	YES	YES	YES	YES	YES
WGWC-36S	YES	YES	YES	YES	YES	YES
WGWC-37D	YES	YES	YES	YES	YES	YES
WGWC-37S	YES	YES	YES	YES	YES	YES
WGWC-38D	YES	YES	YES	YES	YES	YES
WGWC-38S	YES	YES	YES	YES	YES	YES
WGWC-39	YES	YES	YES	YES	YES	YES
WGWC-40	YES	YES	YES	YES	YES	YES
WGWC-41	YES	YES	YES	YES	YES	YES
PZ-01	YES	YES	YES	YES	YES	YES
PZ-04	YES	YES	YES	YES	YES	YES
PZ-06	YES	YES	YES	YES	YES	YES
PZ-08	YES	YES	YES	YES	YES	YES
PZ-16	YES	YES	YES	YES	YES	YES
PZ-17	YES	YES	YES	YES	YES	YES
PZ-18	YES	YES	YES	YES	YES	YES
PZ-23D	YES	YES	YES	YES	YES	YES
PZ-26D	YES	YES	YES	YES	YES	YES
PZ-27D	YES	YES	YES	YES	YES	YES
PZ-28	YES	YES	YES	YES	YES	YES
PZ-30	YES	YES	YES	YES	YES	YES
PZ-31	YES	YES	YES	YES	YES	YES
PZ-32D	YES	YES	YES	YES	YES	YES
PZ-33D	YES	YES	YES	YES	YES	YES
WAMW-1	YES	YES	YES	YES	YES	YES
WAMW-2	YES	YES	YES	YES	YES	YES

Well Inspection

Site Name: Plant Wansley Ash Pond 1 Date: 2/9/2026

Permit Number: Field Conditions: Sunny, 65º F

Well ID:	Corrective actions as needed, by date:
WGWA-1	
WGWA-2	
WGWA-3	
WGWA-4	
WGWA-5	
WGWA-6	
WGWA-7	
WGWA-18	
WGWC-8A	
WGWC-9	
WGWC-10	
WGWC-11	
WGWC-12	
WGWC-13	
WGWC-14	
WGWC-14A	
WGWC-15	
WGWC-16	
WGWC-17	
WGWC-19	
WGWC-20	
WGWC-21	
WGWC-22	
WGWC-23	
WGWC-24	
WGWC-25	
WGWC-26D	
WGWC-27	
WGWC-28D	
WGWC-30	
WGWC-31D	
WGWC-31S	
WGWC-32	
WGWC-33	
WGWC-34D	
WGWC-34S	
WGWC-35D	
WGWC-35S	

Well Inspection

Site Name: Plant Wansley Ash Pond 1 Date: 2/9/2026

Permit Number: Field Conditions: Sunny, 65º F

Well ID:	Corrective actions as needed, by date:
WGWC-36D	
WGWC-36S	
WGWC-37D	
WGWC-37S	
WGWC-38D	
WGWC-38S	
WGWC-39	
WGWC-40	
WGWC-41	
PZ-01	
PZ-04	
PZ-06	
PZ-08	
PZ-16	
PZ-17	
PZ-18	
PZ-23D	
PZ-26D	
PZ-27D	
PZ-28	
PZ-30	
PZ-31	
PZ-32D	
PZ-33D	
WAMW-1	
WAMW-2	

APPENDIX C

Analytical Laboratory Results and Field Sampling Forms

Appendix C1: Laboratory Analytical Data Packages and Data Validation Reports

Appendix C2: Field Sampling Forms

APPENDIX C1

Laboratory Analytical Data Packages and Data Validation Reports

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Robert (Trey) Singleton
Southern Company
3535 Colonnade Parkway
Bin S 530 EC
Birmingham, Alabama 35243

Generated 1/16/2026 9:21:20 AM

JOB DESCRIPTION

Plant Wansley - Ash Pond

JOB NUMBER

705-54087-1

Eurofins Atlanta
3080 Presidential Dr
Atlanta GA 30340

See page two for job notes and contact information.

my EOL

Eurofins Atlanta

Job Notes

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

Authorization

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1/16/2026 9:21:20 AM

Authorized for release by
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Sample Summary

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-54087-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
705-54087-1	WAN-WGWC-42	Water	01/08/26 10:04	01/08/26 12:46	Georgia

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

Chain of Custody Record

eurofins

705-54087 COC

Client Information	Sampler: Dever Jennson ACC	Lab PM: David Fuller 770-314-8998	Carrier Tracking No(s):	COC No: 1
Client Contact: SCS Contacts	Phone: 770-594-5998	E-Mail: David.Fuller@ET.eurofins.com	State of Origin: GA	Page: Page 1 of 1
Company: GA Power	PWSID:			Job #:
Address: 241 Ralph McGill Blvd SE	Due Date Requested:			
City: Atlanta	TAT Requested (days): 5-day			
State, Zip: GA, 30308	Compliance Project: Δ Yes Δ No			
Phone: 404-506-7116	PO #: GPCS 2130-0004 PO line #1			
Email: SCS Contacts / Geosyntec contacts	WO #:			
Project Name: Plant Wansley Ash Pond	Project #:			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
N - None
B - NaOH
C - Zn Acetate
D - Nitric Acid
I - Ice
Other:

Task Code: WAN-CCR-ASSMT-2026S1

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300 - ORGFM - 28D - chloride, fluoride, sulfate	2540C_Calcd - TDS	6010D - App III Metals: B, Ca	6020B - App IV metals	6010D - Lithium	7470A - App IV Mercury	9315 - Ra 226 - Radium 226	9320 - Ra 228 - Radium 228	Ra 226 Ra 228 - GFPC - Combined	Major Ions - Carbonate, Bicarbonate, Alkalinity, Total Alk.	Major Ions - Sulfide	Major Ions - Iron, magnesium, manganese, potassium, sodium	Total Number of containers	Special Instructions/Note:
			Preservation Code:				1	1	D	D	D	D	D	D	D	1	5C	D		
WAN-WGWC-42	01-08-26	1004	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	16	
																				Lab Project # 15 70504536.

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

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

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

Special Instructions/QC Requirements:

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

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
[signature]	1/8/26 1246	ACC	[signature]	1.08.26 1246	

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: Cl #2665 3.2

Ver: 04/02/2024

1/16/2026

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 705-54087-1

Login Number: 54087
List Number: 1
Creator: Taylor, Renee

List Source: Eurofins Atlanta

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

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

Definitions/Glossary

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-54087-1

Qualifiers

HPLC/IC

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

Metals

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

Glossary

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

Job Narrative
705-54087-1

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

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

Receipt
The sample was received on 1/8/2026 12:46 PM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.2°C.

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

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

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

Detection Summary

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-54087-1

Client Sample ID: WAN-WGWC-42 — Lab Sample ID: 705-54087-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	7.0		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.083	J	0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	8.6		1.0	0.77	mg/L	1		300.0	Total/NA
Calcium	1.1		0.10	0.038	mg/L	1		6010D	Total/NA
Lithium	0.0044	J	0.020	0.0037	mg/L	1		6010D	Total/NA
Barium	0.023		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Beryllium	0.00020	J	0.0010	0.00015	mg/L	1		6020B	Total Recoverable
Magnesium	0.20		0.10	0.016	mg/L	1		6020B	Total Recoverable
Manganese	0.022		0.0050	0.0013	mg/L	1		6020B	Total Recoverable
Potassium	2.4		0.10	0.044	mg/L	1		6020B	Total Recoverable
Selenium	0.0027	J	0.0050	0.0023	mg/L	1		6020B	Total Recoverable
Sodium	15		0.50	0.25	mg/L	1		6020B	Total Recoverable
Thallium	0.00023	J B	0.0010	0.00019	mg/L	1		6020B	Total Recoverable
Total Alkalinity as CaCO3	14		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	14		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	31		10	10	mg/L	1		2540C - 2015	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-54087-1

Client Sample ID: WAN-WGWC-42

Date Collected: 01/08/26 10:04
Date Received: 01/08/26 12:46

Lab Sample ID: 705-54087-1

Matrix: Water

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**7.0**		1.0	0.98	mg/L			01/08/26 22:26	1
Fluoride	**0.083**	**J**	0.20	0.081	mg/L			01/09/26 16:15	1
Sulfate	**8.6**		1.0	0.77	mg/L			01/08/26 22:26	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		01/08/26 17:11	01/09/26 12:11	1
Calcium	**1.1**		0.10	0.038	mg/L		01/08/26 17:11	01/09/26 12:11	1
Lithium	**0.0044**	**J**	0.020	0.0037	mg/L		01/08/26 17:11	01/09/26 21:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		01/12/26 11:20	01/14/26 03:22	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		01/12/26 11:20	01/14/26 03:22	1
Barium	**0.023**		0.010	0.00041	mg/L		01/12/26 11:20	01/14/26 03:22	1
Beryllium	**0.00020**	**J**	0.0010	0.00015	mg/L		01/12/26 11:20	01/14/26 20:05	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		01/12/26 11:20	01/14/26 03:22	1
Chromium	<0.0037		0.0050	0.0037	mg/L		01/12/26 11:20	01/14/26 03:22	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		01/12/26 11:20	01/14/26 03:22	1
Iron	<0.018		0.10	0.018	mg/L		01/12/26 11:20	01/14/26 03:22	1
Lead	<0.00086		0.0010	0.00086	mg/L		01/12/26 11:20	01/14/26 03:22	1
Magnesium	**0.20**		0.10	0.016	mg/L		01/12/26 11:20	01/14/26 03:22	1
Manganese	**0.022**		0.0050	0.0013	mg/L		01/12/26 11:20	01/14/26 03:22	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		01/12/26 11:20	01/14/26 03:22	1
Potassium	**2.4**		0.10	0.044	mg/L		01/12/26 11:20	01/14/26 03:22	1
Selenium	**0.0027**	**J**	0.0050	0.0023	mg/L		01/12/26 11:20	01/14/26 03:22	1
Sodium	**15**		0.50	0.25	mg/L		01/12/26 11:20	01/14/26 03:22	1
Thallium	**0.00023**	**J B**	0.0010	0.00019	mg/L		01/12/26 11:20	01/14/26 03:22	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		01/09/26 15:56	01/09/26 19:30	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**14**		3.0	3.0	mg/L			01/09/26 12:02	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**14**		3.0	3.0	mg/L			01/09/26 12:02	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			01/09/26 12:02	1
Total Dissolved Solids (SM 2540C - 2015)	**31**		10	10	mg/L			01/09/26 15:15	1
Sulfide (SM 4500 S2 F-2011)	<1.0		1.0	1.0	mg/L		01/12/26 09:53	01/12/26 17:21	1

Method Summary

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-54087-1

Method	Method Description	Protocol	Laboratory
300.0	Anions, Ion Chromatography	EPA	EET ATL 2
6010D	Metals (ICP)	SW846	EET ATL
6020B	Metals (ICP/MS)	SW846	EET ATL
7470A	Mercury (CVAA)	SW846	EET ATL
2320B-2011	Alkalinity, Total	SM	EET ATL
2540C - 2015	Total Dissolved Solids (Dried at 180 °C)	SM	EET ATL
4500 S2 F-2011	Sulfide, Total	SM	EET ATL
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET ATL
3010A	Preparation, Total Metals	SW846	EET ATL
7470A	Preparation, Mercury	SW846	EET ATL
SM 4500 S2 C	Sulfide, Sample Pretreatment/Concentration	SM	EET ATL

Protocol References:

EPA = US Environmental Protection Agency

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

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

Laboratory References:

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

EET ATL 2 = Eurofins Atlanta Building A, 3080 Presidential Pkwy, Atlanta, GA 30340, TEL (770)457-8177

QC Sample Results

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-54087-1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 705-106527/92
Matrix: Water
Analysis Batch: 106527

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.98		1.0	0.98	mg/L			01/08/26 19:36	1
Fluoride	<0.081		0.20	0.081	mg/L			01/08/26 19:36	1
Sulfate	<0.77		1.0	0.77	mg/L			01/08/26 19:36	1

Lab Sample ID: LCS 705-106527/93
Matrix: Water
Analysis Batch: 106527

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	9.81		mg/L		98	90 - 110
Fluoride	5.00	4.98		mg/L		100	90 - 110
Sulfate	25.0	24.9		mg/L		100	90 - 110

Lab Sample ID: 705-54123-D-1 MS
Matrix: Water
Analysis Batch: 106527

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	38	F1	10.0	45.4	F1	mg/L		73	90 - 110
Sulfate	17		25.0	43.0		mg/L		104	90 - 110

Lab Sample ID: 705-54123-D-1 MSD
Matrix: Water
Analysis Batch: 106527

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	38	F1	10.0	44.6	F1	mg/L		65	90 - 110	2	20
Sulfate	17		25.0	41.7		mg/L		99	90 - 110	3	20

Lab Sample ID: MB 705-106811/3
Matrix: Water
Analysis Batch: 106811

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.98		1.0	0.98	mg/L			01/09/26 12:00	1
Fluoride	<0.081		0.20	0.081	mg/L			01/09/26 12:00	1
Sulfate	<0.77		1.0	0.77	mg/L			01/09/26 12:00	1

Lab Sample ID: LCS 705-106811/4
Matrix: Water
Analysis Batch: 106811

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	10.1		mg/L		101	90 - 110
Fluoride	5.00	5.15		mg/L		103	90 - 110
Sulfate	25.0	24.4		mg/L		98	90 - 110

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 705-54164-D-4 MS
Matrix: Water
Analysis Batch: 106811

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	7.8		10.0	17.2		mg/L		94	90 - 110
Fluoride	0.13	J	5.00	5.15		mg/L		100	90 - 110
Sulfate	<0.77		25.0	24.7		mg/L		99	90 - 110

Lab Sample ID: 705-54164-D-4 MSD
Matrix: Water
Analysis Batch: 106811

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	7.8		10.0	17.2		mg/L		94	90 - 110	0	20
Fluoride	0.13	J	5.00	5.16		mg/L		100	90 - 110	0	20
Sulfate	<0.77		25.0	24.6		mg/L		98	90 - 110	0	20

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 705-106481/1-A
Matrix: Water
Analysis Batch: 106680

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 106481

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		01/08/26 09:00	01/08/26 15:40	1
Calcium	<0.038		0.10	0.038	mg/L		01/08/26 09:00	01/08/26 15:40	1

Lab Sample ID: MB 705-106481/1-A
Matrix: Water
Analysis Batch: 106980

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 106481

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	<0.0037		0.020	0.0037	mg/L		01/08/26 09:00	01/09/26 20:45	1

Lab Sample ID: LCS 705-106481/2-A
Matrix: Water
Analysis Batch: 106680

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 106481

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	1.00	0.974		mg/L		97	80 - 120
Calcium	10.0	9.51		mg/L		95	80 - 120

Lab Sample ID: LCS 705-106481/2-A
Matrix: Water
Analysis Batch: 106980

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 106481

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Lithium	1.00	1.16		mg/L		116	80 - 120

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: 705-53651-B-18-C MS — **Client Sample ID: Matrix Spike**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 106680 — **Prep Batch: 106481**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	<0.026		1.00	0.977		mg/L		98	75 - 125
Calcium	2.2		10.0	11.5		mg/L		93	75 - 125

Lab Sample ID: 705-53651-B-18-C MS — **Client Sample ID: Matrix Spike**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 106980 — **Prep Batch: 106481**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Lithium	<0.0037		1.00	1.17		mg/L		117	75 - 125

Lab Sample ID: 705-53651-B-18-D MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 106680 — **Prep Batch: 106481**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Boron	<0.026		1.00	0.991		mg/L		99	75 - 125	1	20
Calcium	2.2		10.0	11.6		mg/L		95	75 - 125	1	20

Lab Sample ID: 705-53651-B-18-D MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 106980 — **Prep Batch: 106481**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Lithium	<0.0037		1.00	1.17		mg/L		117	75 - 125	1	20

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 705-107146/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 107686 — **Prep Batch: 107146**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		01/12/26 11:20	01/13/26 19:47	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		01/12/26 11:20	01/13/26 19:47	1
Barium	<0.00041		0.010	0.00041	mg/L		01/12/26 11:20	01/13/26 19:47	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		01/12/26 11:20	01/13/26 19:47	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		01/12/26 11:20	01/13/26 19:47	1
Chromium	<0.0037		0.0050	0.0037	mg/L		01/12/26 11:20	01/13/26 19:47	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		01/12/26 11:20	01/13/26 19:47	1
Iron	<0.018		0.10	0.018	mg/L		01/12/26 11:20	01/13/26 19:47	1
Lead	<0.00086		0.0010	0.00086	mg/L		01/12/26 11:20	01/13/26 19:47	1
Magnesium	<0.016		0.10	0.016	mg/L		01/12/26 11:20	01/13/26 19:47	1
Manganese	<0.0013		0.0050	0.0013	mg/L		01/12/26 11:20	01/13/26 19:47	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		01/12/26 11:20	01/13/26 19:47	1
Potassium	<0.044		0.10	0.044	mg/L		01/12/26 11:20	01/13/26 19:47	1
Selenium	<0.0023		0.0050	0.0023	mg/L		01/12/26 11:20	01/13/26 19:47	1
Sodium	<0.25		0.50	0.25	mg/L		01/12/26 11:20	01/13/26 19:47	1
Thallium	0.000989	J	0.0010	0.00019	mg/L		01/12/26 11:20	01/13/26 19:47	1

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

Lab Sample ID: LCS 705-107146/2-A
Matrix: Water
Analysis Batch: 107686

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 107146

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.100	0.0914		mg/L		91	80 - 120
Arsenic	0.100	0.101		mg/L		101	80 - 120
Barium	0.100	0.0856		mg/L		86	80 - 120
Beryllium	0.100	0.0872		mg/L		87	80 - 120
Cadmium	0.100	0.0928		mg/L		93	80 - 120
Chromium	0.100	0.0985		mg/L		98	80 - 120
Cobalt	0.100	0.0976		mg/L		98	80 - 120
Iron	1.00	1.01		mg/L		101	80 - 120
Lead	0.100	0.101		mg/L		101	80 - 120
Magnesium	1.00	1.00		mg/L		100	80 - 120
Manganese	0.100	0.0995		mg/L		100	80 - 120
Molybdenum	0.100	0.101		mg/L		101	80 - 120
Potassium	1.00	0.934		mg/L		93	80 - 120
Selenium	0.100	0.0994		mg/L		99	80 - 120
Sodium	1.00	1.01		mg/L		101	80 - 120
Thallium	0.100	0.103		mg/L		103	80 - 120

Lab Sample ID: 705-53890-G-1-C MS
Matrix: Water
Analysis Batch: 107686

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 107146

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<0.0025		0.100	0.0914		mg/L		91	75 - 125
Arsenic	<0.0013		0.100	0.0980		mg/L		98	75 - 125
Barium	0.014		0.100	0.104		mg/L		90	75 - 125
Beryllium	0.0041		0.100	0.0902		mg/L		86	75 - 125
Cadmium	<0.00024		0.100	0.0980		mg/L		98	75 - 125
Chromium	<0.0037		0.100	0.0997		mg/L		100	75 - 125
Cobalt	0.0018	J	0.100	0.102		mg/L		100	75 - 125
Iron	0.18		1.00	1.17		mg/L		99	75 - 125
Lead	<0.00086		0.100	0.102		mg/L		102	75 - 125
Magnesium	15		1.00	15.6	4	mg/L		62	75 - 125
Manganese	0.86		0.100	0.958	4	mg/L		95	75 - 125
Molybdenum	<0.00069		0.100	0.104		mg/L		104	75 - 125
Potassium	1.0		1.00	2.00		mg/L		97	75 - 125
Selenium	<0.0023		0.100	0.0969		mg/L		97	75 - 125
Sodium	54	E	1.00	54.4	E 4	mg/L		79	75 - 125
Thallium	0.00041	J B	0.100	0.107		mg/L		106	75 - 125

Lab Sample ID: 705-53890-G-1-D MSD
Matrix: Water
Analysis Batch: 107686

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 107146

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	<0.0025		0.100	0.0924		mg/L		92	75 - 125	1	20
Arsenic	<0.0013		0.100	0.0968		mg/L		97	75 - 125	1	20
Barium	0.014		0.100	0.103		mg/L		89	75 - 125	1	20
Beryllium	0.0041		0.100	0.0914		mg/L		87	75 - 125	1	20
Cadmium	<0.00024		0.100	0.0969		mg/L		97	75 - 125	1	20

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

Lab Sample ID: 705-53890-G-1-D MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 107686 — **Prep Batch: 107146**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chromium	<0.0037		0.100	0.0988		mg/L		99	75 - 125	1	20
Cobalt	0.0018	J	0.100	0.101		mg/L		99	75 - 125	1	20
Iron	0.18		1.00	1.17		mg/L		99	75 - 125	0	20
Lead	<0.00086		0.100	0.104		mg/L		104	75 - 125	2	20
Magnesium	15		1.00	15.8	4	mg/L		85	75 - 125	1	20
Manganese	0.86		0.100	0.943	4	mg/L		80	75 - 125	2	20
Molybdenum	<0.00069		0.100	0.103		mg/L		103	75 - 125	1	20
Potassium	1.0		1.00	2.02		mg/L		98	75 - 125	1	20
Selenium	<0.0023		0.100	0.0963		mg/L		96	75 - 125	1	20
Sodium	54	E	1.00	55.1	E 4	mg/L		142	75 - 125	1	20
Thallium	0.00041	J B	0.100	0.106		mg/L		105	75 - 125	1	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 705-106561/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 107155 — **Prep Batch: 106561**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		01/09/26 15:56	01/09/26 19:23	1

Lab Sample ID: LCS 705-106561/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 107155 — **Prep Batch: 106561**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00400	0.00416		mg/L		104	80 - 120

Lab Sample ID: 705-54087-1 MS — **Client Sample ID: WAN-WGWC-42**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 107155 — **Prep Batch: 106561**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	<0.00017		0.00400	0.00412		mg/L		103	75 - 125

Lab Sample ID: 705-54087-1 MSD — **Client Sample ID: WAN-WGWC-42**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 107155 — **Prep Batch: 106561**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.00017		0.00400	0.00410		mg/L		103	75 - 125	1	20

Method: 2320B-2011 - Alkalinity, Total

Lab Sample ID: LCS 705-106817/1 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 106817

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Alkalinity as CaCO3	125	129		mg/L		103	90 - 110

Method: 2320B-2011 - Alkalinity, Total (Continued)

Lab Sample ID: 785-5563-A-1 DU — **Client Sample ID: Duplicate**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 106817

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Alkalinity as CaCO3	240			234		mg/L				1	30
Bicarbonate Alkalinity as CaCO3	240			234		mg/L				1	30
Carbonate Alkalinity as CaCO3	<3.0			<3.0		mg/L				NC	30

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

Lab Sample ID: MB 705-106786/1 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 106786

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			01/09/26 15:15	1

Lab Sample ID: LCS 705-106786/23 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 106786

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Dissolved Solids			996	836		mg/L		84	80 - 120		

Lab Sample ID: 752-40796-D-3 DU — **Client Sample ID: Duplicate**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 106786

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	1900			1900		mg/L				2	10

Method: 4500 S2 F-2011 - Sulfide, Total

Lab Sample ID: MB 705-107110/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 107299 — **Prep Batch: 107110**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide	<1.0		1.0	1.0	mg/L		01/12/26 09:53	01/12/26 17:21	1

Lab Sample ID: LCS 705-107110/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 107299 — **Prep Batch: 107110**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Sulfide			27.7	27.6		mg/L		100	90 - 110		

Lab Sample ID: 705-54181-E-1-B MS — **Client Sample ID: Matrix Spike**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 107299 — **Prep Batch: 107110**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Sulfide	1.2		27.7	30.8		mg/L		107	80 - 120		

Method: 4500 S2 F-2011 - Sulfide, Total (Continued)

Lab Sample ID: 705-54181-E-1-C MSD
Matrix: Water
Analysis Batch: 107299

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 107110

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfide	1.2		27.7	32.0		mg/L		111	80 - 120	4	20

QC Association Summary

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-54087-1

HPLC/IC

Analysis Batch: 106527

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-54087-1	WAN-WGWC-42	Total/NA	Water	300.0	
MB 705-106527/92	Method Blank	Total/NA	Water	300.0	
LCS 705-106527/93	Lab Control Sample	Total/NA	Water	300.0	
705-54123-D-1 MS	Matrix Spike	Total/NA	Water	300.0	
705-54123-D-1 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0	

Analysis Batch: 106811

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-54087-1	WAN-WGWC-42	Total/NA	Water	300.0	
MB 705-106811/3	Method Blank	Total/NA	Water	300.0	
LCS 705-106811/4	Lab Control Sample	Total/NA	Water	300.0	
705-54164-D-4 MS	Matrix Spike	Total/NA	Water	300.0	
705-54164-D-4 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0	

Metals

Prep Batch: 106481

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-54087-1	WAN-WGWC-42	Total/NA	Water	3010A	
MB 705-106481/1-A	Method Blank	Total/NA	Water	3010A	
LCS 705-106481/2-A	Lab Control Sample	Total/NA	Water	3010A	
705-53651-B-18-C MS	Matrix Spike	Total/NA	Water	3010A	
705-53651-B-18-D MSD	Matrix Spike Duplicate	Total/NA	Water	3010A	

Prep Batch: 106561

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-54087-1	WAN-WGWC-42	Total/NA	Water	7470A	
MB 705-106561/1-A	Method Blank	Total/NA	Water	7470A	
LCS 705-106561/2-A	Lab Control Sample	Total/NA	Water	7470A	
705-54087-1 MS	WAN-WGWC-42	Total/NA	Water	7470A	
705-54087-1 MSD	WAN-WGWC-42	Total/NA	Water	7470A	

Analysis Batch: 106680

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 705-106481/1-A	Method Blank	Total/NA	Water	6010D	106481
LCS 705-106481/2-A	Lab Control Sample	Total/NA	Water	6010D	106481
705-53651-B-18-C MS	Matrix Spike	Total/NA	Water	6010D	106481
705-53651-B-18-D MSD	Matrix Spike Duplicate	Total/NA	Water	6010D	106481

Analysis Batch: 106900

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-54087-1	WAN-WGWC-42	Total/NA	Water	6010D	106481

Analysis Batch: 106980

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-54087-1	WAN-WGWC-42	Total/NA	Water	6010D	106481
MB 705-106481/1-A	Method Blank	Total/NA	Water	6010D	106481
LCS 705-106481/2-A	Lab Control Sample	Total/NA	Water	6010D	106481
705-53651-B-18-C MS	Matrix Spike	Total/NA	Water	6010D	106481
705-53651-B-18-D MSD	Matrix Spike Duplicate	Total/NA	Water	6010D	106481

QC Association Summary

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-54087-1

Metals

Prep Batch: 107146

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-54087-1	WAN-WGWC-42	Total Recoverable	Water	3005A	
MB 705-107146/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 705-107146/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
705-53890-G-1-C MS	Matrix Spike	Total Recoverable	Water	3005A	
705-53890-G-1-D MSD	Matrix Spike Duplicate	Total Recoverable	Water	3005A	

Analysis Batch: 107155

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-54087-1	WAN-WGWC-42	Total/NA	Water	7470A	106561
MB 705-106561/1-A	Method Blank	Total/NA	Water	7470A	106561
LCS 705-106561/2-A	Lab Control Sample	Total/NA	Water	7470A	106561
705-54087-1 MS	WAN-WGWC-42	Total/NA	Water	7470A	106561
705-54087-1 MSD	WAN-WGWC-42	Total/NA	Water	7470A	106561

Analysis Batch: 107686

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-54087-1	WAN-WGWC-42	Total Recoverable	Water	6020B	107146
MB 705-107146/1-A	Method Blank	Total Recoverable	Water	6020B	107146
LCS 705-107146/2-A	Lab Control Sample	Total Recoverable	Water	6020B	107146
705-53890-G-1-C MS	Matrix Spike	Total Recoverable	Water	6020B	107146
705-53890-G-1-D MSD	Matrix Spike Duplicate	Total Recoverable	Water	6020B	107146

Analysis Batch: 107993

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-54087-1	WAN-WGWC-42	Total Recoverable	Water	6020B	107146

General Chemistry

Analysis Batch: 106786

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-54087-1	WAN-WGWC-42	Total/NA	Water	2540C - 2015	
MB 705-106786/1	Method Blank	Total/NA	Water	2540C - 2015	
LCS 705-106786/23	Lab Control Sample	Total/NA	Water	2540C - 2015	
752-40796-D-3 DU	Duplicate	Total/NA	Water	2540C - 2015	

Analysis Batch: 106817

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 705-106817/1	Lab Control Sample	Total/NA	Water	2320B-2011	
785-5563-A-1 DU	Duplicate	Total/NA	Water	2320B-2011	

Analysis Batch: 106921

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-54087-1	WAN-WGWC-42	Total/NA	Water	2320B-2011	

Prep Batch: 107110

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-54087-1	WAN-WGWC-42	Total/NA	Water	SM 4500 S2 C	
MB 705-107110/1-A	Method Blank	Total/NA	Water	SM 4500 S2 C	
LCS 705-107110/2-A	Lab Control Sample	Total/NA	Water	SM 4500 S2 C	
705-54181-E-1-B MS	Matrix Spike	Total/NA	Water	SM 4500 S2 C	
705-54181-E-1-C MSD	Matrix Spike Duplicate	Total/NA	Water	SM 4500 S2 C	

QC Association Summary

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-54087-1

General Chemistry

Analysis Batch: 107299

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-54087-1	WAN-WGWC-42	Total/NA	Water	4500 S2 F-2011	107110
MB 705-107110/1-A	Method Blank	Total/NA	Water	4500 S2 F-2011	107110
LCS 705-107110/2-A	Lab Control Sample	Total/NA	Water	4500 S2 F-2011	107110
705-54181-E-1-B MS	Matrix Spike	Total/NA	Water	4500 S2 F-2011	107110
705-54181-E-1-C MSD	Matrix Spike Duplicate	Total/NA	Water	4500 S2 F-2011	107110

Lab Chronicle

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-54087-1

Client Sample ID: WAN-WGWC-42

Date Collected: 01/08/26 10:04
Date Received: 01/08/26 12:46

Lab Sample ID: 705-54087-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	106527	MS	EET ATL	01/08/26 22:26
Total/NA	Analysis	300.0		1	106811	MS	EET ATL 2	01/09/26 16:15
Total/NA	Prep	3010A			106481	EF	EET ATL	01/08/26 17:11
Total/NA	Analysis	6010D		1	106900	MT	EET ATL	01/09/26 12:11
Total/NA	Prep	3010A			106481	EF	EET ATL	01/08/26 17:11
Total/NA	Analysis	6010D		1	106980	MT	EET ATL	01/09/26 21:03
Total Recoverable	Prep	3005A			107146	TR	EET ATL	01/12/26 11:20
Total Recoverable	Analysis	6020B		1	107686	IF	EET ATL	01/14/26 03:22
Total Recoverable	Prep	3005A			107146	TR	EET ATL	01/12/26 11:20
Total Recoverable	Analysis	6020B		1	107993	IF	EET ATL	01/14/26 20:05
Total/NA	Prep	7470A			106561	TA	EET ATL	01/09/26 15:56
Total/NA	Analysis	7470A		1	107155	TA	EET ATL	01/09/26 19:30
Total/NA	Analysis	2320B-2011		1	106921	AH	EET ATL	01/09/26 12:02
Total/NA	Analysis	2540C - 2015		1	106786	NN	EET ATL	01/09/26 15:15
Total/NA	Prep	SM 4500 S2 C			107110	GD	EET ATL	01/12/26 09:53
Total/NA	Analysis	4500 S2 F-2011		1	107299	GD	EET ATL	01/12/26 17:21

Laboratory References:

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

EET ATL 2 = Eurofins Atlanta Building A, 3080 Presidential Pkwy, Atlanta, GA 30340, TEL (770)457-8177

Accreditation/Certification Summary

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-54087-1

Laboratory: Eurofins Atlanta

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

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

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ANALYTICAL REPORT

PREPARED FOR

Attn: Robert (Trey) Singleton
Southern Company
3535 Colonnade Parkway
Bin S 530 EC
Birmingham, Alabama 35243

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JOB DESCRIPTION

Plant Wansley - Ash Pond

JOB NUMBER

705-54087-2

Eurofins Atlanta
3080 Presidential Dr
Atlanta GA 30340

See page two for job notes and contact information.

my EOL

Eurofins Atlanta

Job Notes

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

Authorization

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

Sample Summary

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-54087-2

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
705-54087-1	WAN-WGWC-42	Water	01/08/26 10:04	01/08/26 12:46	Georgia

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

Chain of Custody Record

eurofins

705-54087 COC

Client Information	Sampler: Dever Jennson ACC	Lab PM: David Fuller 770-314-8998	Carrier Tracking No(s):	COC No: 1
Client Contact: SCS Contacts	Phone: 770-594-5998	E-Mail: David.Fuller@ET.eurofins.com	State of Origin: GA	Page: Page 1 of 1
Company: GA Power	PWSID:			Job #:
Address: 241 Ralph McGill Blvd SE	Due Date Requested:			
City: Atlanta	TAT Requested (days): 5-day			
State, Zip: GA, 30308	Compliance Project: Δ Yes Δ No			
Phone: 404-506-7116	PO #: GPCS 2130-0004 PO line #1			
Email: SCS Contacts / Geosyntec contacts	WO #:			
Project Name: Plant Wansley Ash Pond	Project #:			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
N - None
B - NaOH
C - Zn Acetate
D - Nitric Acid
I - Ice
Other:

Task Code: WAN-CCR-ASSMT-2026S1

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300 - ORGFM - 28D - chloride, fluoride, sulfate	2540C_Calcd - TDS	6010D - App III Metals: B, Ca	6020B - App IV metals	6010D - Lithium	7470A - App IV Mercury	9315 - Ra 226 - Radium 226	9320 - Ra 228 - Radium 228	Ra 226 Ra 228 - GFPC - Combined	Major Ions - Carbonate Alkalinity, Total Alk.	Major Ions - Sulfide	Major Ions - Iron, magnesium, manganese, potassium, sodium	Total Number of containers	Special Instructions/Note:
			Preservation Code:				I	I	D	D	D	D	D	D	D	I	B,C	D		
WAN-WGWC-42	01-08-26	1004	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	16	
																				Lab Project # 15 70504536.

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

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

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

Special Instructions/QC Requirements:

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

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
[signature]	1/8/26 1246	ACC	[signature]	1.08.26 1246	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: CI #2665 3.2

Ver: 04/02/2024

2/8/2026

Eurofins Atlanta
3080 Presidential Dr
Atlanta, GA 30340
Phone: 770-457-8177 Fax: 770-457-8188

Chain of Custody Record

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Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Fuller, David	Carrier Tracking No(s): N/A	COC No: 705-95562.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: David.Fuller@et.eurofinsus.com	State of Origin: Georgia	Page: Page 1 of 1
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note): NELAP - Florida; State - Georgia		Job #: 705-54087-1
Address: 13715 Rider Trail North, ,	Due Date Requested: 1/15/2026			Preservation Codes: -
City: Earth City	TAT Requested (days): N/A			
State, Zip: MO, 63045				
Phone: 314-298-8566(Tel) 314-298-8757(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Plant Wansley - Ash Pond	Project #: 70504536			
Site: N/A	SSOW#: N/A			Other: N/A

Analysis Requested

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	9315_Ra226/PrecSep_21Radium-226 (GFPC) - 21 day decay	9320_Ra228/PrecSep_0Radium-228 (GFPC) - 21 day decay	Ra226Ra228_GFPCCombined Radium-226 and Radium-228	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
WAN-WGWC-42 (705-54087-1)	1/8/26	10:04 Eastern	G	Water			X	X	X	2	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Southeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Southeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Southeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Southeast, LLC.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

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

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
TGF	01/08/26 1700		Cheyenne Forrest	0820 JAN 09 2026	ETA-STL
Relinquished by:	Date/Time:	Company	Received by: Cheyenne Forrest	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

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

Ver: 10/10/2024

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 705-54087-2

Login Number: 54087
List Number: 1
Creator: Taylor, Renee

List Source: Eurofins Atlanta

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

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

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 705-54087-2

Login Number: 54087
List Number: 2
Creator: Forrest, Cheyenne L

List Source: Eurofins St. Louis
List Creation: 01/09/26 11:41 AM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
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?	N/A	
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").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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

Definitions/Glossary

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-54087-2

Qualifiers

Rad

Qualifier	Qualifier Description
U	Result is less than the sample detection limit.

Glossary

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

Job Narrative
705-54087-2

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

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

Receipt
The sample was received on 1/8/2026 12:46 PM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.2°C.

Gas Flow Proportional Counter
Method 9320: Radium-228 batch 753286
The LCS recovered at (137%). The limits in our LIMS system at 75-125 reflect the requirements of a regulatory agency that represents a large amount of our work. However the samples associated with this LCS are not from this agency and are therefore held to our in-house statistical limits of (68%-154%) per method requirements. The LCS passes, no further action is required. (LCS 160-753286/2-A)

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

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

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-54087-2

Client Sample ID: WAN-WGWC-42

Lab Sample ID: 705-54087-1

Date Collected: 01/08/26 10:04
Date Received: 01/08/26 12:46

Matrix: Water

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.498		0.142	0.149	1.00	0.124	pCi/L	01/12/26 07:55	02/03/26 07:41	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*90.5*		*30 - 110*	*01/12/26 07:55*	*02/03/26 07:41*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.992		0.449	0.458	1.00	0.616	pCi/L	01/12/26 08:00	01/28/26 11:41	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*90.5*		*30 - 110*	*01/12/26 08:00*	*01/28/26 11:41*	*1*
Y Carrier	*82.6*		*30 - 110*	*01/12/26 08:00*	*01/28/26 11:41*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	1.49		0.471	0.482	5.00	0.616	pCi/L		02/03/26 16:06	1

Tracer/Carrier Summary

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-54087-2

Method: 9315 - Radium-226 (GFPC)

Matrix: Water **Prep Type: Total/NA**

		Percent Yield (Acceptance Limits)							
		Ba							
Lab Sample ID	Client Sample ID	(30-110)							
380-191026-AG-1-C DU	Duplicate	71.2							
705-54087-1	WAN-WGWC-42	90.5							
LCS 160-753285/2-A	Lab Control Sample	84.1							
MB 160-753285/1-A	Method Blank	82.4							

Tracer/Carrier Legend

Ba = Ba Carrier

Method: 9320 - Radium-228 (GFPC)

Matrix: Water **Prep Type: Total/NA**

		Percent Yield (Acceptance Limits)							
		Ba	Y						
Lab Sample ID	Client Sample ID	(30-110)	(30-110)						
380-191026-AG-1-D DU	Duplicate	71.2	77.8						
705-54087-1	WAN-WGWC-42	90.5	82.6						
LCS 160-753286/2-A	Lab Control Sample	84.1	83.7						
MB 160-753286/1-A	Method Blank	82.4	79.3						

Tracer/Carrier Legend

Ba = Ba Carrier

Y = Y Carrier

Method Summary

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-54087-2

Method	Method Description	Protocol	Laboratory
9315	Radium-226 (GFPC)	SW846	EET SL
9320	Radium-228 (GFPC)	SW846	EET SL
Ra226_Ra228	Combined Radium-226 and Radium-228	TAL-STL	EET SL
PrecSep_0	Preparation, Precipitate Separation	None	EET SL
PrecSep-21	Preparation, Precipitate Separation (21-Day In-Growth)	None	EET SL

Protocol References:

None = None

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

TAL-STL = TestAmerica Laboratories, St. Louis, Facility Standard Operating Procedure.

Laboratory References:

EET SL = Eurofins St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566

QC Sample Results

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-54087-2

Method: 9315 - Radium-226 (GFPC)

Lab Sample ID: MB 160-753285/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 756254 — **Prep Batch: 753285**

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.005486	U	0.0638	0.0638	1.00	0.135	pCi/L	01/12/26 07:55	02/03/26 07:51	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*82.4*		*30 - 110*	*01/12/26 07:55*	*02/03/26 07:51*	*1*

Lab Sample ID: LCS 160-753285/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 756254 — **Prep Batch: 753285**

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-226			9.57	10.20		1.10	1.00	0.116	pCi/L	107	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*84.1*		*30 - 110*

Lab Sample ID: 380-191026-AG-1-C DU — **Client Sample ID: Duplicate**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 756254 — **Prep Batch: 753285**

Analyte	Sample Result	Sample Qual		DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit			RER	RER Limit
Radium-226	0.0542	U		0.01657	U	0.0779	1.00	0.152	pCi/L			0.21	1

Carrier	*DU %Yield*	*DU Qualifier*	*Limits*
Ba Carrier	*71.2*		*30 - 110*

Method: 9320 - Radium-228 (GFPC)

Lab Sample ID: MB 160-753286/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 755584 — **Prep Batch: 753286**

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.2590	U	0.411	0.412	1.00	0.698	pCi/L	01/12/26 07:59	01/28/26 11:35	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*82.4*		*30 - 110*	*01/12/26 07:59*	*01/28/26 11:35*	*1*
Y Carrier	*79.3*		*30 - 110*	*01/12/26 07:59*	*01/28/26 11:35*	*1*

Method: 9320 - Radium-228 (GFPC) (Continued)

Lab Sample ID: LCS 160-753286/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 755584 — **Prep Batch: 753286**

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-228			7.74	10.59		1.45	1.00	0.696	pCi/L	137	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*84.1*		*30 - 110*
Y Carrier	*83.7*		*30 - 110*

Lab Sample ID: 380-191026-AG-1-D DU — **Client Sample ID: Duplicate**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 755593 — **Prep Batch: 753286**

Analyte	Sample Result	Sample Qual		DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit			RER	RER Limit
Radium-228	0.144	U		0.2403	U	0.485	1.00	0.838	pCi/L			0.10	1

Carrier	*DU %Yield*	*DU Qualifier*	*Limits*
Ba Carrier	*71.2*		*30 - 110*
Y Carrier	*77.8*		*30 - 110*

QC Association Summary

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-54087-2

Rad

Prep Batch: 753285

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-54087-1	WAN-WGWC-42	Total/NA	Water	PrecSep-21	
MB 160-753285/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-753285/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	
380-191026-AG-1-C DU	Duplicate	Total/NA	Water	PrecSep-21	

Prep Batch: 753286

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-54087-1	WAN-WGWC-42	Total/NA	Water	PrecSep_0	
MB 160-753286/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-753286/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	
380-191026-AG-1-D DU	Duplicate	Total/NA	Water	PrecSep_0	

Lab Chronicle

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-54087-2

Client Sample ID: WAN-WGWC-42

Lab Sample ID: 705-54087-1

Date Collected: 01/08/26 10:04

Matrix: Water

Date Received: 01/08/26 12:46

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			753285	VLQ	EET SL	01/12/26 07:55
Total/NA	Analysis	9315		1	756252	SWS	EET SL	02/03/26 07:41
Total/NA	Prep	PrecSep_0			753286	VLQ	EET SL	01/12/26 08:00
Total/NA	Analysis	9320		1	755593	FLC	EET SL	01/28/26 11:41
Total/NA	Analysis	Ra226_Ra228		1	755944	SCB	EET SL	02/03/26 16:06

Laboratory References:

EET SL = Eurofins St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566

Accreditation/Certification Summary

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-54087-2

Laboratory: Eurofins St. Louis

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

Authority	Program	Identification Number	Expiration Date
Florida	NELAP	E87689	06-30-26

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ANALYTICAL REPORT

PREPARED FOR

Attn: Robert (Trey) Singleton
Southern Company
3535 Colonnade Parkway
Bin S 530 EC
Birmingham, Alabama 35243

Generated 2/26/2026 5:46:15 PM

JOB DESCRIPTION

Plant Wansley - Ash Pond

JOB NUMBER

705-57300-1

Eurofins Atlanta
3080 Presidential Dr
Atlanta GA 30340

See page two for job notes and contact information.

my EOL

Eurofins Atlanta

Job Notes

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

Authorization

Generated
2/26/2026 5:46:15 PM

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

Sample Summary

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-57300-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
705-57300-1	WAN-WGWA-2	Water	02/09/26 15:46	02/11/26 15:30	Georgia
705-57300-2	WAN-WGWA-3	Water	02/09/26 14:53	02/11/26 15:30	Georgia
705-57300-3	WAN-WGWA-4	Water	02/09/26 13:35	02/11/26 15:30	Georgia
705-57300-4	WAN-WGWA-6	Water	02/09/26 14:33	02/11/26 15:30	Georgia
705-57300-5	WAN-WGWA-7	Water	02/09/26 13:53	02/11/26 15:30	Georgia
705-57300-6	WAN-WGWA-1	Water	02/10/26 10:38	02/11/26 15:30	Georgia
705-57300-7	WAN-WGWA-18	Water	02/10/26 10:54	02/11/26 15:30	Georgia
705-57300-8	WAN-WGWC-10	Water	02/10/26 12:21	02/11/26 15:30	Georgia
705-57300-9	WAN-WGWC-11	Water	02/10/26 16:03	02/11/26 15:30	Georgia
705-57300-10	WAN-WGWC-13	Water	02/10/26 14:00	02/11/26 15:30	Georgia
705-57300-11	WAN-WGWC-14A	Water	02/10/26 12:27	02/11/26 15:30	Georgia
705-57300-12	WAN-WGWC-15	Water	02/10/26 12:55	02/11/26 15:30	Georgia
705-57300-13	WAN-WGWC-16	Water	02/10/26 14:32	02/11/26 15:30	Georgia
705-57300-14	WAN-WGWC-20	Water	02/10/26 15:25	02/11/26 15:30	Georgia
705-57300-15	WAN-WGWC-24	Water	02/10/26 11:10	02/11/26 15:30	Georgia
705-57300-16	WAN-WGWC-27	Water	02/10/26 15:13	02/11/26 15:30	Georgia
705-57300-17	WAN-AP1-FD-01	Water	02/10/26 00:00	02/11/26 15:30	Georgia
705-57300-18	WAN-AP1-FB-07	Water	02/10/26 11:30	02/11/26 15:30	Georgia
705-57300-19	WAN-AP1-FB-08	Water	02/10/26 15:45	02/11/26 15:30	Georgia
705-57300-20	WAN-AP1-EB-01	Water	02/10/26 13:10	02/11/26 15:30	Georgia

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

Chain of Custody Record

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Client Information	Sampler: H. Auld, T. Goble, D. Johnson (ACC)	Lab PM: David Fuller / Phone: 770-344-8986	Carrier Tracking No(s):	COC No:
Client Contact: SCS Contacts	Phone: 770-594-5998	E-Mail: David.Fuller@ET.EurofinsUS.com		Page: 1 of 2
Company: GA Power				Job #:
Address: 241 Ralph McGill Blvd SE	Due Date Requested:			
City: Atlanta	TAT Requested (days):			
State, Zip: GA, 30308				
Phone: 404-506-7116(Tel)	Lab Project #: 70504536			
Email: SCS Contacts / Geosyntec Contacts	PO #: GPC82130-0004 / PO Line #1			
Project Name: Plant Wansley Ash Pond	Project #:			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
A - HCL
B - NaOH
C - Zn Aceta
D - Nitric Aci
E - NaHSO4
F - MeOH
G - Amchlor
H - Ascorbi
I - Ice
J - DI Wate
K - EDTA
L - EDA
M - Hexane
N - None
O - AsNaO2
P - Na2O4S
Q - Na2SO3
R - Na2S2O3
S - H2SO4
T - TSP Dodecahydrate
U - Acetone
V - MCAA
W - pH 4-5
Z - other (specify)
705-57300 COC
Other:

Task_Code: WAN-CCR-ASSMT-2026S1

Sample Identification	Sample Date (mm/dd/yy)	Sample Time (hhmm)	Sample Type (C=comp, G=grab)	Matrix (WG=ground water, WS=surface water, WQ=quality control)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D - Chloride, Fluoride, Sulfate	2540C_Calcd - Total Dissolved Solids (TDS)	6010D- App III Metals: B, Ca	6020B - App IV Metals: Sb,As,Ba,Be,Cd,Cr,Co,Pb,Mo,Se,Tl	6010D - Lithium	7470A - App IV Mercury	9315_Ra226 - Radium-226 (GFPC) - 21 day decay	9320_Ra228 - Radium-228 (GFPC) - 21 day decay	Ra226Ra228_GFPC - Combined Radium 226 and 228	Major Ions - Carbonate, Bicarbonate, Total Alkalinity	Major Ions - Sulfide	Major Ions - Fe, Mg, Mn, K, Na		Total Number of containers	Special Instructions/Note:
			Preservation Code:				I	I	D	D	D	D	D	D	D	I	B, C	D			
WAN- WGWA-2	02/09/26	1546	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		6	
WAN- WGWA-3	02/09/26	1453	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		6	
WAN- WGWA-4	02/09/26	1335	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		6	
WAN- WGWA-6	02/09/26	1433	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		6	
WAN- WGWA-7	02/09/26	1353	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		6	
WAN- WGWA-1	02/10/26	1038	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		6	
WAN- WGWA-18	02/10/26	1054	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		6	
WAN- WGWC-10	02/10/26	1221	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		6	
WAN- WGWC-11	02/10/26	1603	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		6	
WAN- WGWC-13	02/10/26	1400	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		6	
WAN- WGWC-14A	02/10/26	1227	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		6	

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

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

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

Special Instructions/QC Requirements:

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

	Date/Time:	Company		Date/Time:	Company
Relinquished by:	2-11-26/1240	ACC	Received by:	2/11/26 1240	ACC
Relinquished by:	2/11/26 1530	ACC	Received by:	2-11-26 1530	
Relinquished by:			Received by:		

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

Cooler Temperature(s) °C and Other Remarks: cl #2665 0.2, 1.6, 2.0, 1.5 2.1 1.7

Ver: 01/16/2019

2/26/2026

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

Chain of Custody Record

eurofins | Environment Testing America

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Project Name: Plant Wansley Ash Pond	Project #:			
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Analysis Requested

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

Task_Code: WAN-CCR-ASSMT-2026S1

Sample Identification	Sample Date (mm/dd/yy)	Sample Time (hhmm)	Sample Type (C=Comp, G=grab)	Matrix (WG=ground water, WS=surface water, WQ=quality control)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D - Chloride, Fluoride, Sulfate	2540C_Calcd - Total Dissolved Solids (TDS)	6010D- App III Metals: B, Ca	6020B - App IV Metals: Sb,As,Ba,Be,Cd,Cr,Co,Pb,Mo,Se,Tl	6010D - Lithium	7470A - App IV Mercury	9315_Ra226 - Radium-226 (GFPC) - 21 day decay	9320_Ra228 - Radium-228 (GFPC) - 21 day decay	Ra226Ra228_GFPC - Combined Radium 226 and 228	Major Ions - Carbonate, Bicarbonate, Total Alkalinity	Major Ions - Sulfide	Major Ions - Fe, Mg, Mn, K, Na		Total Number of containers	Special Instructions/Note:
			Preservation Code:				I	I	D	D	D	D	D	D	D	I	B, C	D			
WAN- WGWC-15	02/10/26	1255	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		6	
WAN- WGWC-16	02/10/26	1432	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		6	
WAN- WGWC-20	02/10/26	1525	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		6	
WAN- WGWC-24	02/10/26	1110	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		6	
WAN- WGWC-27	02/10/26	1513	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		6	
WAN- API-FD-01	02/10/26	—	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		6	
WAN- API-FB-07	02/10/26	1130	G	WQ	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		6	
WAN- API-FB-08	02/10/26	1545	G	WQ	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		6	
WAN- API-EB-01	02/10/26	1310	G	WQ	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		6	
WAN-			G		N	N															
WAN-			G		N	N															

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Special Instructions/QC Requirements:

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

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
[signature]	2-11-26/1240	ACC	[signature]	2/11/26 1240	ACC
[signature]	2/11/26 1530	ACC	[signature]	2-11-26 1530	

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: Cl # 2665 0.2 1.6 2.0 1.5 2.1 1.2

Ver: 01/16/2019

2/26/2026

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 705-57300-1

Login Number: 57300
List Number: 1
Creator: Sims, Christion

List Source: Eurofins Atlanta

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

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

Definitions/Glossary

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-57300-1

Qualifiers

HPLC/IC

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

Metals

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
^+	Continuing Calibration Verification (CCV) is outside acceptance limits, high biased.
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
B	Compound was found in the blank and sample.
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

General Chemistry

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.

Glossary

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

Job Narrative
705-57300-1

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

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

Receipt
The samples were received on 2/11/2026 3:30 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 6 coolers at receipt time were 0.2°C, 1.2°C, 1.5°C, 1.6°C, 2.0°C and 2.1°C.

HPLC/IC
Method 300.0: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 705-115179 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

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

Metals
Method 6020B - Total Recoverable: The method blank for preparation batch 705-113680 and analytical batch 705-114070 contained Thallium above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

Method 6020B - Total Recoverable: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for preparation batch 705-113691 and analytical batch 705-114473 recovered outside control limits for the following analytes: Lead and Thallium. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method 6020B - Total Recoverable: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 705-113691 and analytical batch 705-114473 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 6020B - Total Recoverable: The method blank for preparation batch 705-113691 and analytical batch 705-114473 contained Thallium above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

Method 6020B - Total Recoverable: The continuing calibration verification (CCV) associated with batch 705-114473 recovered above the upper control limit for Barium, Beryllium, Lead and Thallium. The samples associated with this CCV were either non-detects for the affected analytes or were found below the reporting limit (RL); therefore, the data have been reported. The associated samples are: WAN-WGWC-14A (705-57300-11), WAN-WGWC-15 (705-57300-12), WAN-WGWC-16 (705-57300-13), WAN-WGWC-20 (705-57300-14), WAN-WGWC-24 (705-57300-15), WAN-WGWC-27 (705-57300-16), WAN-AP1-FD-01 (705-57300-17), WAN-AP1-FB-07 (705-57300-18), WAN-AP1-FB-08 (705-57300-19), WAN-AP1-EB-01 (705-57300-20), (CCV 705-114473/17), (CCV 705-114473/27), (CCV 705-114473/28), (CCV 705-114473/40) and (CCV 705-114473/43).

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

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

Detection Summary

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-57300-1

Client Sample ID: WAN-WGWA-2 — Lab Sample ID: 705-57300-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	3.1		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.14	J	0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	1.2		1.0	0.77	mg/L	1		300.0	Total/NA
Calcium	15		0.10	0.038	mg/L	1		6010D	Total/NA
Lithium	0.0078	J	0.020	0.0037	mg/L	1		6010D	Total/NA
Barium	0.025		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Iron	0.031	J	0.10	0.018	mg/L	1		6020B	Total Recoverable
Magnesium	4.8		0.10	0.016	mg/L	1		6020B	Total Recoverable
Manganese	0.026		0.0050	0.0013	mg/L	1		6020B	Total Recoverable
Potassium	2.4		0.10	0.044	mg/L	1		6020B	Total Recoverable
Sodium	11		5.0	2.5	mg/L	10		6020B	Total Recoverable
Total Alkalinity as CaCO3	76		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	76		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	85		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: WAN-WGWA-3 — Lab Sample ID: 705-57300-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	1.9		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.10	J	0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	1.2		1.0	0.77	mg/L	1		300.0	Total/NA
Calcium	1.9		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.012		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Magnesium	1.1		0.10	0.016	mg/L	1		6020B	Total Recoverable
Potassium	1.3		0.10	0.044	mg/L	1		6020B	Total Recoverable
Sodium	3.5	J	5.0	2.5	mg/L	10		6020B	Total Recoverable
Total Alkalinity as CaCO3	11		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	11		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	28		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: WAN-WGWA-4 — Lab Sample ID: 705-57300-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	1.5		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.21		0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	8.4		1.0	0.77	mg/L	1		300.0	Total/NA
Calcium	17		0.10	0.038	mg/L	1		6010D	Total/NA
Lithium	0.0048	J	0.020	0.0037	mg/L	1		6010D	Total/NA
Barium	0.0068	J	0.010	0.00041	mg/L	1		6020B	Total Recoverable
Iron	0.96		0.10	0.018	mg/L	1		6020B	Total Recoverable
Magnesium	2.6		0.10	0.016	mg/L	1		6020B	Total Recoverable

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-57300-1

Client Sample ID: WAN-WGWA-4 (Continued) — Lab Sample ID: 705-57300-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Manganese	0.17		0.0050	0.0013	mg/L	1		6020B	Total Recoverable
Potassium	2.7		0.10	0.044	mg/L	1		6020B	Total Recoverable
Sodium	8.4		5.0	2.5	mg/L	10		6020B	Total Recoverable
Total Alkalinity as CaCO3	60		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	60		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	95		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: WAN-WGWA-6 — Lab Sample ID: 705-57300-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	1.8		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.18	J	0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	8.6		1.0	0.77	mg/L	1		300.0	Total/NA
Calcium	27		0.10	0.038	mg/L	1		6010D	Total/NA
Lithium	0.0048	J	0.020	0.0037	mg/L	1		6010D	Total/NA
Barium	0.0074	J	0.010	0.00041	mg/L	1		6020B	Total Recoverable
Iron	0.28		0.10	0.018	mg/L	1		6020B	Total Recoverable
Magnesium	2.2		0.10	0.016	mg/L	1		6020B	Total Recoverable
Manganese	0.14		0.0050	0.0013	mg/L	1		6020B	Total Recoverable
Potassium	3.1		0.10	0.044	mg/L	1		6020B	Total Recoverable
Sodium	6.4		5.0	2.5	mg/L	10		6020B	Total Recoverable
Total Alkalinity as CaCO3	88		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	88		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	100		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: WAN-WGWA-7 — Lab Sample ID: 705-57300-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	2.1		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.11	J	0.20	0.081	mg/L	1		300.0	Total/NA
Calcium	1.6		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.012		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Iron	0.033	J	0.10	0.018	mg/L	1		6020B	Total Recoverable
Magnesium	0.72		0.10	0.016	mg/L	1		6020B	Total Recoverable
Manganese	0.0052		0.0050	0.0013	mg/L	1		6020B	Total Recoverable
Potassium	0.94		0.10	0.044	mg/L	1		6020B	Total Recoverable
Sodium	3.3	J	5.0	2.5	mg/L	10		6020B	Total Recoverable
Total Alkalinity as CaCO3	11		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	11		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	21		10	10	mg/L	1		2540C - 2015	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-57300-1

Client Sample ID: WAN-WGWA-1 — Lab Sample ID: 705-57300-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	4.3		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.10	J	0.20	0.081	mg/L	1		300.0	Total/NA
Calcium	1.4		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.047		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Cobalt	0.00067	J	0.0050	0.00041	mg/L	1		6020B	Total Recoverable
Magnesium	1.2		0.10	0.016	mg/L	1		6020B	Total Recoverable
Manganese	0.0083		0.0050	0.0013	mg/L	1		6020B	Total Recoverable
Potassium	1.3		0.10	0.044	mg/L	1		6020B	Total Recoverable
Sodium	3.8	J	5.0	2.5	mg/L	10		6020B	Total Recoverable
Total Alkalinity as CaCO3	7.4		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	7.4		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	18		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: WAN-WGWA-18 — Lab Sample ID: 705-57300-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	2.4		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.13	J	0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	7.7		1.0	0.77	mg/L	1		300.0	Total/NA
Calcium	5.9		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.015		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Iron	0.11		0.10	0.018	mg/L	1		6020B	Total Recoverable
Magnesium	1.3		0.10	0.016	mg/L	1		6020B	Total Recoverable
Manganese	0.052		0.0050	0.0013	mg/L	1		6020B	Total Recoverable
Potassium	2.5		0.10	0.044	mg/L	1		6020B	Total Recoverable
Sodium	5.6		5.0	2.5	mg/L	10		6020B	Total Recoverable
Total Alkalinity as CaCO3	22		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	22		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	44		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: WAN-WGWC-10 — Lab Sample ID: 705-57300-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	1.7		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.18	J	0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	2.0		1.0	0.77	mg/L	1		300.0	Total/NA
Calcium	8.1		0.10	0.038	mg/L	1		6010D	Total/NA
Lithium	0.0038	J	0.020	0.0037	mg/L	1		6010D	Total/NA
Barium	0.031		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Magnesium	2.0		0.10	0.016	mg/L	1		6020B	Total Recoverable
Manganese	0.0070		0.0050	0.0013	mg/L	1		6020B	Total Recoverable

This Detection Summary does not include radiochemical test results.

Client Sample ID: WAN-WGWC-10 (Continued) — Lab Sample ID: 705-57300-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Potassium	1.8		0.10	0.044	mg/L	1		6020B	Total Recoverable
Sodium	3.6	J	5.0	2.5	mg/L	10		6020B	Total Recoverable
Total Alkalinity as CaCO3	28		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	28		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	46		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: WAN-WGWC-11 — Lab Sample ID: 705-57300-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	4.3		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.10	J	0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	1.2		1.0	0.77	mg/L	1		300.0	Total/NA
Calcium	1.8		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.049		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Magnesium	1.5		0.10	0.016	mg/L	1		6020B	Total Recoverable
Manganese	0.022		0.0050	0.0013	mg/L	1		6020B	Total Recoverable
Potassium	1.3		0.10	0.044	mg/L	1		6020B	Total Recoverable
Sodium	4.1	J	5.0	2.5	mg/L	10		6020B	Total Recoverable
Total Alkalinity as CaCO3	6.5		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	6.5		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	43		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: WAN-WGWC-13 — Lab Sample ID: 705-57300-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	1.4		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.22		0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	3.3		1.0	0.77	mg/L	1		300.0	Total/NA
Calcium	5.7		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.036		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Iron	0.048	J	0.10	0.018	mg/L	1		6020B	Total Recoverable
Magnesium	0.57		0.10	0.016	mg/L	1		6020B	Total Recoverable
Molybdenum	0.0012	J	0.0050	0.00069	mg/L	1		6020B	Total Recoverable
Potassium	1.8		0.10	0.044	mg/L	1		6020B	Total Recoverable
Sodium	9.8		5.0	2.5	mg/L	10		6020B	Total Recoverable
Total Alkalinity as CaCO3	33		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	33		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	73		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: WAN-WGWC-14A — Lab Sample ID: 705-57300-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	2.4		1.0	0.98	mg/L	1		300.0	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: WAN-WGWC-14A (Continued) — Lab Sample ID: 705-57300-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Fluoride	0.10	J	0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	0.82	J	1.0	0.77	mg/L	1		300.0	Total/NA
Calcium	0.67		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.029		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Beryllium	0.00022	J	0.0010	0.00015	mg/L	1		6020B	Total Recoverable
Cobalt	0.0016	J	0.0050	0.00041	mg/L	1		6020B	Total Recoverable
Iron	0.098	J	0.10	0.018	mg/L	1		6020B	Total Recoverable
Magnesium	0.81		0.10	0.016	mg/L	1		6020B	Total Recoverable
Manganese	0.037		0.0050	0.0013	mg/L	1		6020B	Total Recoverable
Potassium	1.8		0.10	0.044	mg/L	1		6020B	Total Recoverable
Sodium	4.4		0.50	0.25	mg/L	1		6020B	Total Recoverable
Thallium	0.00038	J ^+ B *+ F1	0.0010	0.00019	mg/L	1		6020B	Total Recoverable
Total Alkalinity as CaCO3	12		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	12		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	38		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: WAN-WGWC-15 — Lab Sample ID: 705-57300-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	1.3		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.83		0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	14		1.0	0.77	mg/L	1		300.0	Total/NA
Calcium	31		0.10	0.038	mg/L	1		6010D	Total/NA
Lithium	0.0086	J	0.020	0.0037	mg/L	1		6010D	Total/NA
Barium	0.035		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Iron	0.035	J	0.10	0.018	mg/L	1		6020B	Total Recoverable
Magnesium	5.5		0.10	0.016	mg/L	1		6020B	Total Recoverable
Manganese	0.0027	J	0.0050	0.0013	mg/L	1		6020B	Total Recoverable
Molybdenum	0.0021	J	0.0050	0.00069	mg/L	1		6020B	Total Recoverable
Potassium	1.7		0.10	0.044	mg/L	1		6020B	Total Recoverable
Sodium	11		0.50	0.25	mg/L	1		6020B	Total Recoverable
Thallium	0.00025	J B *+ ^+	0.0010	0.00019	mg/L	1		6020B	Total Recoverable
Total Alkalinity as CaCO3	100		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	100		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	140		10	10	mg/L	1		2540C - 2015	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-57300-1

Client Sample ID: WAN-WGWC-16 — Lab Sample ID: 705-57300-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	23		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.15	J F1	0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	35		1.0	0.77	mg/L	1		300.0	Total/NA
Boron	0.49		0.080	0.026	mg/L	1		6010D	Total/NA
Calcium	15		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.046		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Magnesium	5.4		0.10	0.016	mg/L	1		6020B	Total Recoverable
Manganese	0.0062		0.0050	0.0013	mg/L	1		6020B	Total Recoverable
Potassium	2.1		0.10	0.044	mg/L	1		6020B	Total Recoverable
Sodium	9.3		0.50	0.25	mg/L	1		6020B	Total Recoverable
Total Alkalinity as CaCO3	10		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	10		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	110		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: WAN-WGWC-20 — Lab Sample ID: 705-57300-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	180		10	9.8	mg/L	10		300.0	Total/NA
Fluoride	2.0		0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	390		10	7.7	mg/L	10		300.0	Total/NA
Boron	4.9		0.080	0.026	mg/L	1		6010D	Total/NA
Calcium	170		0.10	0.038	mg/L	1		6010D	Total/NA
Lithium	0.14		0.020	0.0037	mg/L	1		6010D	Total/NA
Barium	0.00043	J ^+	0.010	0.00041	mg/L	1		6020B	Total Recoverable
Beryllium	0.010		0.0010	0.00015	mg/L	1		6020B	Total Recoverable
Cadmium	0.00031	J	0.00070	0.00024	mg/L	1		6020B	Total Recoverable
Magnesium	41		0.10	0.016	mg/L	1		6020B	Total Recoverable
Manganese	0.32		0.0050	0.0013	mg/L	1		6020B	Total Recoverable
Molybdenum	0.00080	J	0.0050	0.00069	mg/L	1		6020B	Total Recoverable
Potassium	6.1		0.10	0.044	mg/L	1		6020B	Total Recoverable
Selenium	0.0034	J	0.0050	0.0023	mg/L	1		6020B	Total Recoverable
Sodium	49		0.50	0.25	mg/L	1		6020B	Total Recoverable
Total Alkalinity as CaCO3	8.5		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	8.5		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	880		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: WAN-WGWC-24 — Lab Sample ID: 705-57300-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	17		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.28		0.20	0.081	mg/L	1		300.0	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: WAN-WGWC-24 (Continued) — Lab Sample ID: 705-57300-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Sulfate	60		1.0	0.77	mg/L	1		300.0	Total/NA
Boron	0.81		0.080	0.026	mg/L	1		6010D	Total/NA
Calcium	19		0.10	0.038	mg/L	1		6010D	Total/NA
Lithium	0.0054	J	0.020	0.0037	mg/L	1		6010D	Total/NA
Barium	0.067		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Beryllium	0.0054		0.0010	0.00015	mg/L	1		6020B	Total Recoverable
Cobalt	0.035		0.0050	0.00041	mg/L	1		6020B	Total Recoverable
Iron	0.019	J	0.10	0.018	mg/L	1		6020B	Total Recoverable
Magnesium	4.3		0.10	0.016	mg/L	1		6020B	Total Recoverable
Manganese	1.1		0.0050	0.0013	mg/L	1		6020B	Total Recoverable
Potassium	6.5		0.10	0.044	mg/L	1		6020B	Total Recoverable
Sodium	7.6		0.50	0.25	mg/L	1		6020B	Total Recoverable
Thallium	0.00053	J B *+ ^+	0.0010	0.00019	mg/L	1		6020B	Total Recoverable
Total Dissolved Solids	130		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: WAN-WGWC-27 — Lab Sample ID: 705-57300-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	20		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.80		0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	22		1.0	0.77	mg/L	1		300.0	Total/NA
Boron	0.16		0.080	0.026	mg/L	1		6010D	Total/NA
Calcium	15		0.10	0.038	mg/L	1		6010D	Total/NA
Lithium	0.025		0.020	0.0037	mg/L	1		6010D	Total/NA
Barium	0.0023	J	0.010	0.00041	mg/L	1		6020B	Total Recoverable
Beryllium	0.0012		0.0010	0.00015	mg/L	1		6020B	Total Recoverable
Cobalt	0.0013	J	0.0050	0.00041	mg/L	1		6020B	Total Recoverable
Iron	0.42		0.10	0.018	mg/L	1		6020B	Total Recoverable
Magnesium	2.5		0.10	0.016	mg/L	1		6020B	Total Recoverable
Manganese	0.17		0.0050	0.0013	mg/L	1		6020B	Total Recoverable
Potassium	1.6		0.10	0.044	mg/L	1		6020B	Total Recoverable
Sodium	14		0.50	0.25	mg/L	1		6020B	Total Recoverable
Total Alkalinity as CaCO3	24		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	24		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	130		10	10	mg/L	1		2540C - 2015	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-57300-1

Client Sample ID: WAN-AP1-FD-01 — Lab Sample ID: 705-57300-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	22		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.14	J	0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	34		1.0	0.77	mg/L	1		300.0	Total/NA
Boron	0.49		0.080	0.026	mg/L	1		6010D	Total/NA
Calcium	15		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.048		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Magnesium	5.6		0.10	0.016	mg/L	1		6020B	Total Recoverable
Manganese	0.0063		0.0050	0.0013	mg/L	1		6020B	Total Recoverable
Potassium	2.1		0.10	0.044	mg/L	1		6020B	Total Recoverable
Sodium	9.5		0.50	0.25	mg/L	1		6020B	Total Recoverable
Total Alkalinity as CaCO3	9.8		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	9.8		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	110		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: WAN-AP1-FB-07 — Lab Sample ID: 705-57300-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Fluoride	0.096	J	0.20	0.081	mg/L	1		300.0	Total/NA

Client Sample ID: WAN-AP1-FB-08 — Lab Sample ID: 705-57300-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Fluoride	0.095	J	0.20	0.081	mg/L	1		300.0	Total/NA
Iron	0.020	J	0.10	0.018	mg/L	1		6020B	Total Recoverable

Client Sample ID: WAN-AP1-EB-01 — Lab Sample ID: 705-57300-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Fluoride	0.095	J	0.20	0.081	mg/L	1		300.0	Total/NA
Barium	0.00055	J	0.010	0.00041	mg/L	1		6020B	Total Recoverable
Thallium	0.00026	J B *+ ^+	0.0010	0.00019	mg/L	1		6020B	Total Recoverable

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-57300-1

Client Sample ID: WAN-WGWA-2

Lab Sample ID: 705-57300-1
Matrix: Water

Date Collected: 02/09/26 15:46
Date Received: 02/11/26 15:30

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3.1**		1.0	0.98	mg/L			02/18/26 15:32	1
Fluoride	**0.14**	**J**	0.20	0.081	mg/L			02/18/26 15:32	1
Sulfate	**1.2**		1.0	0.77	mg/L			02/18/26 15:32	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		02/12/26 11:40	02/19/26 14:08	1
Calcium	**15**		0.10	0.038	mg/L		02/12/26 11:40	02/19/26 14:08	1
Lithium	**0.0078**	**J**	0.020	0.0037	mg/L		02/12/26 11:40	02/19/26 14:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		02/12/26 07:51	02/12/26 20:02	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		02/12/26 07:51	02/12/26 20:02	1
Barium	**0.025**		0.010	0.00041	mg/L		02/12/26 07:51	02/12/26 20:02	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		02/12/26 07:51	02/12/26 20:02	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		02/12/26 07:51	02/12/26 20:02	1
Chromium	<0.0037		0.0050	0.0037	mg/L		02/12/26 07:51	02/12/26 20:02	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		02/12/26 07:51	02/12/26 20:02	1
Iron	**0.031**	**J**	0.10	0.018	mg/L		02/12/26 07:51	02/12/26 20:02	1
Lead	<0.00086		0.0010	0.00086	mg/L		02/12/26 07:51	02/12/26 20:02	1
Magnesium	**4.8**		0.10	0.016	mg/L		02/12/26 07:51	02/12/26 20:02	1
Manganese	**0.026**		0.0050	0.0013	mg/L		02/12/26 07:51	02/12/26 20:02	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		02/12/26 07:51	02/12/26 20:02	1
Potassium	**2.4**		0.10	0.044	mg/L		02/12/26 07:51	02/12/26 20:02	1
Selenium	<0.0023		0.0050	0.0023	mg/L		02/12/26 07:51	02/12/26 20:02	1
Sodium	**11**		5.0	2.5	mg/L		02/12/26 07:51	02/13/26 18:46	10
Thallium	<0.00019		0.0010	0.00019	mg/L		02/12/26 07:51	02/12/26 20:02	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		02/18/26 09:36	02/18/26 13:35	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**76**		3.0	3.0	mg/L			02/19/26 12:22	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**76**		3.0	3.0	mg/L			02/19/26 12:22	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			02/19/26 12:22	1
Total Dissolved Solids (SM 2540C - 2015)	**85**		10	10	mg/L			02/12/26 11:00	1
Sulfide (SM 4500 S2 F-2011)	<1.0		1.0	1.0	mg/L		02/13/26 09:32	02/13/26 13:26	1

Client Sample ID: WAN-WGWA-3

Lab Sample ID: 705-57300-2
Matrix: Water

Date Collected: 02/09/26 14:53
Date Received: 02/11/26 15:30

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1.9**		1.0	0.98	mg/L			02/18/26 15:43	1

Client Sample ID: WAN-WGWA-3

Lab Sample ID: 705-57300-2

Date Collected: 02/09/26 14:53
Matrix: Water
Date Received: 02/11/26 15:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	**0.10**	**J**	0.20	0.081	mg/L			02/18/26 15:43	1
Sulfate	**1.2**		1.0	0.77	mg/L			02/18/26 15:43	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		02/12/26 11:40	02/19/26 14:23	1
Calcium	**1.9**		0.10	0.038	mg/L		02/12/26 11:40	02/19/26 14:23	1
Lithium	<0.0037		0.020	0.0037	mg/L		02/12/26 11:40	02/19/26 14:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		02/12/26 07:51	02/12/26 20:04	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		02/12/26 07:51	02/12/26 20:04	1
Barium	**0.012**		0.010	0.00041	mg/L		02/12/26 07:51	02/12/26 20:04	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		02/12/26 07:51	02/12/26 20:04	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		02/12/26 07:51	02/12/26 20:04	1
Chromium	<0.0037		0.0050	0.0037	mg/L		02/12/26 07:51	02/12/26 20:04	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		02/12/26 07:51	02/12/26 20:04	1
Iron	<0.018		0.10	0.018	mg/L		02/12/26 07:51	02/12/26 20:04	1
Lead	<0.00086		0.0010	0.00086	mg/L		02/12/26 07:51	02/12/26 20:04	1
Magnesium	**1.1**		0.10	0.016	mg/L		02/12/26 07:51	02/12/26 20:04	1
Manganese	<0.0013		0.0050	0.0013	mg/L		02/12/26 07:51	02/12/26 20:04	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		02/12/26 07:51	02/12/26 20:04	1
Potassium	**1.3**		0.10	0.044	mg/L		02/12/26 07:51	02/12/26 20:04	1
Selenium	<0.0023		0.0050	0.0023	mg/L		02/12/26 07:51	02/12/26 20:04	1
Sodium	**3.5**	**J**	5.0	2.5	mg/L		02/12/26 07:51	02/13/26 18:49	10
Thallium	<0.00019		0.0010	0.00019	mg/L		02/12/26 07:51	02/12/26 20:04	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		02/18/26 09:36	02/18/26 13:45	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**11**		3.0	3.0	mg/L			02/20/26 11:44	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**11**		3.0	3.0	mg/L			02/20/26 11:44	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			02/20/26 11:44	1
Total Dissolved Solids (SM 2540C - 2015)	**28**		10	10	mg/L			02/12/26 11:00	1
Sulfide (SM 4500 S2 F-2011)	<1.0		1.0	1.0	mg/L		02/13/26 09:32	02/13/26 13:26	1

Client Sample ID: WAN-WGWA-4

Lab Sample ID: 705-57300-3

Date Collected: 02/09/26 13:35
Matrix: Water
Date Received: 02/11/26 15:30

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1.5**		1.0	0.98	mg/L			02/18/26 15:55	1
Fluoride	**0.21**		0.20	0.081	mg/L			02/18/26 15:55	1

Client Sample ID: WAN-WGWA-4

Lab Sample ID: 705-57300-3

Date Collected: 02/09/26 13:35

Matrix: Water

Date Received: 02/11/26 15:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**8.4**		1.0	0.77	mg/L			02/18/26 15:55	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		02/12/26 11:40	02/19/26 14:26	1
Calcium	**17**		0.10	0.038	mg/L		02/12/26 11:40	02/19/26 14:26	1
Lithium	**0.0048**	**J**	0.020	0.0037	mg/L		02/12/26 11:40	02/19/26 14:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		02/12/26 07:51	02/12/26 20:07	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		02/12/26 07:51	02/12/26 20:07	1
Barium	**0.0068**	**J**	0.010	0.00041	mg/L		02/12/26 07:51	02/12/26 20:07	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		02/12/26 07:51	02/12/26 20:07	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		02/12/26 07:51	02/12/26 20:07	1
Chromium	<0.0037		0.0050	0.0037	mg/L		02/12/26 07:51	02/12/26 20:07	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		02/12/26 07:51	02/12/26 20:07	1
Iron	**0.96**		0.10	0.018	mg/L		02/12/26 07:51	02/12/26 20:07	1
Lead	<0.00086		0.0010	0.00086	mg/L		02/12/26 07:51	02/12/26 20:07	1
Magnesium	**2.6**		0.10	0.016	mg/L		02/12/26 07:51	02/12/26 20:07	1
Manganese	**0.17**		0.0050	0.0013	mg/L		02/12/26 07:51	02/12/26 20:07	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		02/12/26 07:51	02/12/26 20:07	1
Potassium	**2.7**		0.10	0.044	mg/L		02/12/26 07:51	02/12/26 20:07	1
Selenium	<0.0023		0.0050	0.0023	mg/L		02/12/26 07:51	02/12/26 20:07	1
Sodium	**8.4**		5.0	2.5	mg/L		02/12/26 07:51	02/13/26 18:53	10
Thallium	<0.00019		0.0010	0.00019	mg/L		02/12/26 07:51	02/12/26 20:07	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		02/18/26 09:36	02/18/26 13:49	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**60**		3.0	3.0	mg/L			02/20/26 11:44	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**60**		3.0	3.0	mg/L			02/20/26 11:44	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			02/20/26 11:44	1
Total Dissolved Solids (SM 2540C - 2015)	**95**		10	10	mg/L			02/12/26 11:00	1
Sulfide (SM 4500 S2 F-2011)	<1.0		1.0	1.0	mg/L		02/13/26 09:32	02/13/26 13:26	1

Client Sample ID: WAN-WGWA-6

Lab Sample ID: 705-57300-4

Date Collected: 02/09/26 14:33

Matrix: Water

Date Received: 02/11/26 15:30

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1.8**		1.0	0.98	mg/L			02/18/26 16:06	1
Fluoride	**0.18**	**J**	0.20	0.081	mg/L			02/18/26 16:06	1
Sulfate	**8.6**		1.0	0.77	mg/L			02/18/26 16:06	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-57300-1

Client Sample ID: WAN-WGWA-6

Lab Sample ID: 705-57300-4

Date Collected: 02/09/26 14:33
Matrix: Water
Date Received: 02/11/26 15:30

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		02/12/26 11:40	02/19/26 14:29	1
Calcium	**27**		0.10	0.038	mg/L		02/12/26 11:40	02/19/26 14:29	1
Lithium	**0.0048**	**J**	0.020	0.0037	mg/L		02/12/26 11:40	02/19/26 14:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		02/12/26 07:51	02/12/26 20:33	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		02/12/26 07:51	02/12/26 20:33	1
Barium	**0.0074**	**J**	0.010	0.00041	mg/L		02/12/26 07:51	02/12/26 20:33	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		02/12/26 07:51	02/12/26 20:33	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		02/12/26 07:51	02/12/26 20:33	1
Chromium	<0.0037		0.0050	0.0037	mg/L		02/12/26 07:51	02/12/26 20:33	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		02/12/26 07:51	02/12/26 20:33	1
Iron	**0.28**		0.10	0.018	mg/L		02/12/26 07:51	02/12/26 20:33	1
Lead	<0.00086		0.0010	0.00086	mg/L		02/12/26 07:51	02/12/26 20:33	1
Magnesium	**2.2**		0.10	0.016	mg/L		02/12/26 07:51	02/12/26 20:33	1
Manganese	**0.14**		0.0050	0.0013	mg/L		02/12/26 07:51	02/12/26 20:33	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		02/12/26 07:51	02/12/26 20:33	1
Potassium	**3.1**		0.10	0.044	mg/L		02/12/26 07:51	02/12/26 20:33	1
Selenium	<0.0023		0.0050	0.0023	mg/L		02/12/26 07:51	02/12/26 20:33	1
Sodium	**6.4**		5.0	2.5	mg/L		02/12/26 07:51	02/13/26 18:56	10
Thallium	<0.00019		0.0010	0.00019	mg/L		02/12/26 07:51	02/12/26 20:33	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		02/18/26 09:36	02/18/26 13:52	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**88**		3.0	3.0	mg/L			02/20/26 11:44	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**88**		3.0	3.0	mg/L			02/20/26 11:44	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			02/20/26 11:44	1
Total Dissolved Solids (SM 2540C - 2015)	**100**		10	10	mg/L			02/12/26 11:00	1
Sulfide (SM 4500 S2 F-2011)	<1.0		1.0	1.0	mg/L		02/13/26 09:32	02/13/26 13:26	1

Client Sample ID: WAN-WGWA-7

Lab Sample ID: 705-57300-5

Date Collected: 02/09/26 13:53
Matrix: Water
Date Received: 02/11/26 15:30

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2.1**		1.0	0.98	mg/L			02/18/26 16:18	1
Fluoride	**0.11**	**J**	0.20	0.081	mg/L			02/18/26 16:18	1
Sulfate	<0.77		1.0	0.77	mg/L			02/18/26 16:18	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		02/12/26 11:40	02/19/26 14:38	1

Client Sample ID: WAN-WGWA-7

Lab Sample ID: 705-57300-5

Date Collected: 02/09/26 13:53

Matrix: Water

Date Received: 02/11/26 15:30

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	**1.6**		0.10	0.038	mg/L		02/12/26 11:40	02/19/26 14:38	1
Lithium	<0.0037		0.020	0.0037	mg/L		02/12/26 11:40	02/19/26 14:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		02/12/26 07:51	02/12/26 20:36	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		02/12/26 07:51	02/12/26 20:36	1
Barium	**0.012**		0.010	0.00041	mg/L		02/12/26 07:51	02/12/26 20:36	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		02/12/26 07:51	02/12/26 20:36	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		02/12/26 07:51	02/12/26 20:36	1
Chromium	<0.0037		0.0050	0.0037	mg/L		02/12/26 07:51	02/12/26 20:36	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		02/12/26 07:51	02/12/26 20:36	1
Iron	**0.033**	**J**	0.10	0.018	mg/L		02/12/26 07:51	02/12/26 20:36	1
Lead	<0.00086		0.0010	0.00086	mg/L		02/12/26 07:51	02/12/26 20:36	1
Magnesium	**0.72**		0.10	0.016	mg/L		02/12/26 07:51	02/12/26 20:36	1
Manganese	**0.0052**		0.0050	0.0013	mg/L		02/12/26 07:51	02/12/26 20:36	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		02/12/26 07:51	02/12/26 20:36	1
Potassium	**0.94**		0.10	0.044	mg/L		02/12/26 07:51	02/12/26 20:36	1
Selenium	<0.0023		0.0050	0.0023	mg/L		02/12/26 07:51	02/12/26 20:36	1
Sodium	**3.3**	**J**	5.0	2.5	mg/L		02/12/26 07:51	02/13/26 18:59	10
Thallium	<0.00019		0.0010	0.00019	mg/L		02/12/26 07:51	02/12/26 20:36	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		02/18/26 09:36	02/18/26 13:56	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**11**		3.0	3.0	mg/L			02/20/26 11:44	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**11**		3.0	3.0	mg/L			02/20/26 11:44	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			02/20/26 11:44	1
Total Dissolved Solids (SM 2540C - 2015)	**21**		10	10	mg/L			02/12/26 11:00	1
Sulfide (SM 4500 S2 F-2011)	<1.0		1.0	1.0	mg/L		02/13/26 09:32	02/13/26 13:26	1

Client Sample ID: WAN-WGWA-1

Lab Sample ID: 705-57300-6

Date Collected: 02/10/26 10:38

Matrix: Water

Date Received: 02/11/26 15:30

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**4.3**		1.0	0.98	mg/L			02/18/26 16:29	1
Fluoride	**0.10**	**J**	0.20	0.081	mg/L			02/18/26 16:29	1
Sulfate	<0.77		1.0	0.77	mg/L			02/18/26 16:29	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		02/12/26 11:40	02/19/26 14:41	1
Calcium	**1.4**		0.10	0.038	mg/L		02/12/26 11:40	02/19/26 14:41	1

Client Sample ID: WAN-WGWA-1

Lab Sample ID: 705-57300-6

Date Collected: 02/10/26 10:38
Matrix: Water
Date Received: 02/11/26 15:30

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	<0.0037		0.020	0.0037	mg/L		02/12/26 11:40	02/19/26 14:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		02/12/26 07:51	02/12/26 20:39	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		02/12/26 07:51	02/12/26 20:39	1
Barium	**0.047**		0.010	0.00041	mg/L		02/12/26 07:51	02/12/26 20:39	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		02/12/26 07:51	02/12/26 20:39	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		02/12/26 07:51	02/12/26 20:39	1
Chromium	<0.0037		0.0050	0.0037	mg/L		02/12/26 07:51	02/12/26 20:39	1
Cobalt	**0.00067**	**J**	0.0050	0.00041	mg/L		02/12/26 07:51	02/12/26 20:39	1
Iron	<0.018		0.10	0.018	mg/L		02/12/26 07:51	02/12/26 20:39	1
Lead	<0.00086		0.0010	0.00086	mg/L		02/12/26 07:51	02/12/26 20:39	1
Magnesium	**1.2**		0.10	0.016	mg/L		02/12/26 07:51	02/12/26 20:39	1
Manganese	**0.0083**		0.0050	0.0013	mg/L		02/12/26 07:51	02/12/26 20:39	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		02/12/26 07:51	02/12/26 20:39	1
Potassium	**1.3**		0.10	0.044	mg/L		02/12/26 07:51	02/12/26 20:39	1
Selenium	<0.0023		0.0050	0.0023	mg/L		02/12/26 07:51	02/12/26 20:39	1
Sodium	**3.8**	**J**	5.0	2.5	mg/L		02/12/26 07:51	02/13/26 19:02	10
Thallium	<0.00019		0.0010	0.00019	mg/L		02/12/26 07:51	02/12/26 20:39	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		02/18/26 09:36	02/18/26 13:59	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**7.4**		3.0	3.0	mg/L			02/20/26 11:44	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**7.4**		3.0	3.0	mg/L			02/20/26 11:44	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			02/20/26 11:44	1
Total Dissolved Solids (SM 2540C - 2015)	**18**		10	10	mg/L			02/12/26 11:00	1
Sulfide (SM 4500 S2 F-2011)	<1.0		1.0	1.0	mg/L		02/13/26 09:32	02/13/26 13:26	1

Client Sample ID: WAN-WGWA-18

Lab Sample ID: 705-57300-7

Date Collected: 02/10/26 10:54
Matrix: Water
Date Received: 02/11/26 15:30

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2.4**		1.0	0.98	mg/L			02/18/26 16:41	1
Fluoride	**0.13**	**J**	0.20	0.081	mg/L			02/18/26 16:41	1
Sulfate	**7.7**		1.0	0.77	mg/L			02/18/26 16:41	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		02/12/26 11:40	02/19/26 14:44	1
Calcium	**5.9**		0.10	0.038	mg/L		02/12/26 11:40	02/19/26 14:44	1
Lithium	<0.0037		0.020	0.0037	mg/L		02/12/26 11:40	02/19/26 14:44	1

Client Sample ID: WAN-WGWA-18

Lab Sample ID: 705-57300-7

Date Collected: 02/10/26 10:54

Matrix: Water

Date Received: 02/11/26 15:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		02/12/26 07:51	02/12/26 20:41	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		02/12/26 07:51	02/12/26 20:41	1
Barium	**0.015**		0.010	0.00041	mg/L		02/12/26 07:51	02/12/26 20:41	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		02/12/26 07:51	02/12/26 20:41	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		02/12/26 07:51	02/12/26 20:41	1
Chromium	<0.0037		0.0050	0.0037	mg/L		02/12/26 07:51	02/12/26 20:41	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		02/12/26 07:51	02/12/26 20:41	1
Iron	**0.11**		0.10	0.018	mg/L		02/12/26 07:51	02/12/26 20:41	1
Lead	<0.00086		0.0010	0.00086	mg/L		02/12/26 07:51	02/12/26 20:41	1
Magnesium	**1.3**		0.10	0.016	mg/L		02/12/26 07:51	02/12/26 20:41	1
Manganese	**0.052**		0.0050	0.0013	mg/L		02/12/26 07:51	02/12/26 20:41	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		02/12/26 07:51	02/12/26 20:41	1
Potassium	**2.5**		0.10	0.044	mg/L		02/12/26 07:51	02/12/26 20:41	1
Selenium	<0.0023		0.0050	0.0023	mg/L		02/12/26 07:51	02/12/26 20:41	1
Sodium	**5.6**		5.0	2.5	mg/L		02/12/26 07:51	02/13/26 19:05	10
Thallium	<0.00019		0.0010	0.00019	mg/L		02/12/26 07:51	02/12/26 20:41	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		02/18/26 09:36	02/18/26 14:02	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**22**		3.0	3.0	mg/L			02/20/26 11:44	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**22**		3.0	3.0	mg/L			02/20/26 11:44	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			02/20/26 11:44	1
Total Dissolved Solids (SM 2540C - 2015)	**44**		10	10	mg/L			02/12/26 11:00	1
Sulfide (SM 4500 S2 F-2011)	<1.0		1.0	1.0	mg/L		02/13/26 09:32	02/13/26 13:26	1

Client Sample ID: WAN-WGWC-10

Lab Sample ID: 705-57300-8

Date Collected: 02/10/26 12:21

Matrix: Water

Date Received: 02/11/26 15:30

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1.7**		1.0	0.98	mg/L			02/18/26 16:52	1
Fluoride	**0.18**	**J**	0.20	0.081	mg/L			02/18/26 16:52	1
Sulfate	**2.0**		1.0	0.77	mg/L			02/18/26 16:52	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		02/12/26 11:40	02/19/26 14:47	1
Calcium	**8.1**		0.10	0.038	mg/L		02/12/26 11:40	02/19/26 14:47	1
Lithium	**0.0038**	**J**	0.020	0.0037	mg/L		02/12/26 11:40	02/19/26 14:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		02/12/26 07:51	02/12/26 20:44	1

Client Sample ID: WAN-WGWC-10

Lab Sample ID: 705-57300-8

Date Collected: 02/10/26 12:21

Matrix: Water

Date Received: 02/11/26 15:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.0013		0.0050	0.0013	mg/L		02/12/26 07:51	02/12/26 20:44	1
Barium	**0.031**		0.010	0.00041	mg/L		02/12/26 07:51	02/12/26 20:44	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		02/12/26 07:51	02/12/26 20:44	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		02/12/26 07:51	02/12/26 20:44	1
Chromium	<0.0037		0.0050	0.0037	mg/L		02/12/26 07:51	02/12/26 20:44	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		02/12/26 07:51	02/12/26 20:44	1
Iron	<0.018		0.10	0.018	mg/L		02/12/26 07:51	02/12/26 20:44	1
Lead	<0.00086		0.0010	0.00086	mg/L		02/12/26 07:51	02/12/26 20:44	1
Magnesium	**2.0**		0.10	0.016	mg/L		02/12/26 07:51	02/12/26 20:44	1
Manganese	**0.0070**		0.0050	0.0013	mg/L		02/12/26 07:51	02/12/26 20:44	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		02/12/26 07:51	02/12/26 20:44	1
Potassium	**1.8**		0.10	0.044	mg/L		02/12/26 07:51	02/12/26 20:44	1
Selenium	<0.0023		0.0050	0.0023	mg/L		02/12/26 07:51	02/12/26 20:44	1
Sodium	**3.6**	**J**	5.0	2.5	mg/L		02/12/26 07:51	02/13/26 19:08	10
Thallium	<0.00019		0.0010	0.00019	mg/L		02/12/26 07:51	02/12/26 20:44	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		02/18/26 09:36	02/18/26 14:06	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**28**		3.0	3.0	mg/L			02/20/26 11:44	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**28**		3.0	3.0	mg/L			02/20/26 11:44	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			02/20/26 11:44	1
Total Dissolved Solids (SM 2540C - 2015)	**46**		10	10	mg/L			02/12/26 11:00	1
Sulfide (SM 4500 S2 F-2011)	<1.0		1.0	1.0	mg/L		02/13/26 09:32	02/13/26 13:26	1

Client Sample ID: WAN-WGWC-11

Lab Sample ID: 705-57300-9

Date Collected: 02/10/26 16:03

Matrix: Water

Date Received: 02/11/26 15:30

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**4.3**		1.0	0.98	mg/L			02/18/26 17:04	1
Fluoride	**0.10**	**J**	0.20	0.081	mg/L			02/18/26 17:04	1
Sulfate	**1.2**		1.0	0.77	mg/L			02/18/26 17:04	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		02/12/26 11:40	02/19/26 16:13	1
Calcium	**1.8**		0.10	0.038	mg/L		02/12/26 11:40	02/19/26 16:13	1
Lithium	<0.0037		0.020	0.0037	mg/L		02/12/26 11:40	02/19/26 16:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		02/12/26 07:51	02/12/26 20:47	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		02/12/26 07:51	02/12/26 20:47	1

Client Sample ID: WAN-WGWC-11

Lab Sample ID: 705-57300-9

Date Collected: 02/10/26 16:03

Matrix: Water

Date Received: 02/11/26 15:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	**0.049**		0.010	0.00041	mg/L		02/12/26 07:51	02/12/26 20:47	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		02/12/26 07:51	02/12/26 20:47	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		02/12/26 07:51	02/12/26 20:47	1
Chromium	<0.0037		0.0050	0.0037	mg/L		02/12/26 07:51	02/12/26 20:47	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		02/12/26 07:51	02/12/26 20:47	1
Iron	<0.018		0.10	0.018	mg/L		02/12/26 07:51	02/12/26 20:47	1
Lead	<0.00086		0.0010	0.00086	mg/L		02/12/26 07:51	02/12/26 20:47	1
Magnesium	**1.5**		0.10	0.016	mg/L		02/12/26 07:51	02/12/26 20:47	1
Manganese	**0.022**		0.0050	0.0013	mg/L		02/12/26 07:51	02/12/26 20:47	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		02/12/26 07:51	02/12/26 20:47	1
Potassium	**1.3**		0.10	0.044	mg/L		02/12/26 07:51	02/12/26 20:47	1
Selenium	<0.0023		0.0050	0.0023	mg/L		02/12/26 07:51	02/12/26 20:47	1
Sodium	**4.1**	**J**	5.0	2.5	mg/L		02/12/26 07:51	02/13/26 19:11	10
Thallium	<0.00019		0.0010	0.00019	mg/L		02/12/26 07:51	02/12/26 20:47	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		02/18/26 09:36	02/18/26 14:16	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**6.5**		3.0	3.0	mg/L			02/20/26 11:44	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**6.5**		3.0	3.0	mg/L			02/20/26 11:44	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			02/20/26 11:44	1
Total Dissolved Solids (SM 2540C - 2015)	**43**		10	10	mg/L			02/12/26 11:00	1
Sulfide (SM 4500 S2 F-2011)	<1.0		1.0	1.0	mg/L		02/13/26 10:11	02/13/26 17:57	1

Client Sample ID: WAN-WGWC-13

Lab Sample ID: 705-57300-10

Date Collected: 02/10/26 14:00

Matrix: Water

Date Received: 02/11/26 15:30

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1.4**		1.0	0.98	mg/L			02/18/26 17:15	1
Fluoride	**0.22**		0.20	0.081	mg/L			02/18/26 17:15	1
Sulfate	**3.3**		1.0	0.77	mg/L			02/18/26 17:15	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		02/12/26 11:40	02/19/26 16:16	1
Calcium	**5.7**		0.10	0.038	mg/L		02/12/26 11:40	02/19/26 16:16	1
Lithium	<0.0037		0.020	0.0037	mg/L		02/12/26 11:40	02/19/26 16:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		02/12/26 07:51	02/12/26 20:49	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		02/12/26 07:51	02/12/26 20:49	1
Barium	**0.036**		0.010	0.00041	mg/L		02/12/26 07:51	02/12/26 20:49	1

Client Sample ID: WAN-WGWC-13

Lab Sample ID: 705-57300-10

Date Collected: 02/10/26 14:00
Matrix: Water
Date Received: 02/11/26 15:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	<0.00015		0.0010	0.00015	mg/L		02/12/26 07:51	02/12/26 20:49	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		02/12/26 07:51	02/12/26 20:49	1
Chromium	<0.0037		0.0050	0.0037	mg/L		02/12/26 07:51	02/12/26 20:49	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		02/12/26 07:51	02/12/26 20:49	1
Iron	**0.048**	**J**	0.10	0.018	mg/L		02/12/26 07:51	02/12/26 20:49	1
Lead	<0.00086		0.0010	0.00086	mg/L		02/12/26 07:51	02/12/26 20:49	1
Magnesium	**0.57**		0.10	0.016	mg/L		02/12/26 07:51	02/12/26 20:49	1
Manganese	<0.0013		0.0050	0.0013	mg/L		02/12/26 07:51	02/12/26 20:49	1
Molybdenum	**0.0012**	**J**	0.0050	0.00069	mg/L		02/12/26 07:51	02/12/26 20:49	1
Potassium	**1.8**		0.10	0.044	mg/L		02/12/26 07:51	02/12/26 20:49	1
Selenium	<0.0023		0.0050	0.0023	mg/L		02/12/26 07:51	02/12/26 20:49	1
Sodium	**9.8**		5.0	2.5	mg/L		02/12/26 07:51	02/13/26 19:36	10
Thallium	<0.00019		0.0010	0.00019	mg/L		02/12/26 07:51	02/12/26 20:49	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		02/18/26 09:36	02/18/26 14:20	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**33**		3.0	3.0	mg/L			02/20/26 11:44	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**33**		3.0	3.0	mg/L			02/20/26 11:44	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			02/20/26 11:44	1
Total Dissolved Solids (SM 2540C - 2015)	**73**		10	10	mg/L			02/12/26 11:00	1
Sulfide (SM 4500 S2 F-2011)	<1.0		1.0	1.0	mg/L		02/13/26 10:11	02/13/26 17:57	1

Client Sample ID: WAN-WGWC-14A

Lab Sample ID: 705-57300-11

Date Collected: 02/10/26 12:27
Matrix: Water
Date Received: 02/11/26 15:30

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2.4**		1.0	0.98	mg/L			02/18/26 18:02	1
Fluoride	**0.10**	**J**	0.20	0.081	mg/L			02/18/26 18:02	1
Sulfate	**0.82**	**J**	1.0	0.77	mg/L			02/18/26 18:02	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		02/12/26 11:40	02/19/26 16:19	1
Calcium	**0.67**		0.10	0.038	mg/L		02/12/26 11:40	02/19/26 16:19	1
Lithium	<0.0037		0.020	0.0037	mg/L		02/12/26 11:40	02/19/26 16:19	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		02/12/26 08:38	02/13/26 15:20	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		02/12/26 08:38	02/13/26 15:20	1
Barium	**0.029**		0.010	0.00041	mg/L		02/12/26 08:38	02/13/26 15:20	1
Beryllium	**0.00022**	**J**	0.0010	0.00015	mg/L		02/12/26 08:38	02/13/26 15:20	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-57300-1

Client Sample ID: WAN-WGWC-14A

Lab Sample ID: 705-57300-11

Date Collected: 02/10/26 12:27
Date Received: 02/11/26 15:30

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	<0.00024		0.00070	0.00024	mg/L		02/12/26 08:38	02/13/26 15:20	1
Chromium	<0.0037		0.0050	0.0037	mg/L		02/12/26 08:38	02/13/26 15:20	1
Cobalt	**0.0016**	**J**	0.0050	0.00041	mg/L		02/12/26 08:38	02/13/26 15:20	1
Iron	**0.098**	**J**	0.10	0.018	mg/L		02/12/26 08:38	02/13/26 15:20	1
Lead	<0.00086	^+ *+ F1	0.0010	0.00086	mg/L		02/12/26 08:38	02/13/26 15:20	1
Magnesium	**0.81**		0.10	0.016	mg/L		02/12/26 08:38	02/13/26 15:20	1
Manganese	**0.037**		0.0050	0.0013	mg/L		02/12/26 08:38	02/13/26 15:20	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		02/12/26 08:38	02/13/26 15:20	1
Potassium	**1.8**		0.10	0.044	mg/L		02/12/26 08:38	02/13/26 15:20	1
Selenium	<0.0023		0.0050	0.0023	mg/L		02/12/26 08:38	02/13/26 15:20	1
Sodium	**4.4**		0.50	0.25	mg/L		02/12/26 08:38	02/13/26 15:20	1
Thallium	**0.00038**	**J ^+ B *+ F1**	0.0010	0.00019	mg/L		02/12/26 08:38	02/13/26 15:20	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		02/18/26 09:36	02/18/26 14:23	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**12**		3.0	3.0	mg/L			02/20/26 11:44	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**12**		3.0	3.0	mg/L			02/20/26 11:44	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			02/20/26 11:44	1
Total Dissolved Solids (SM 2540C - 2015)	**38**		10	10	mg/L			02/12/26 11:00	1
Sulfide (SM 4500 S2 F-2011)	<1.0		1.0	1.0	mg/L		02/13/26 10:11	02/13/26 17:57	1

Client Sample ID: WAN-WGWC-15

Lab Sample ID: 705-57300-12

Date Collected: 02/10/26 12:55
Date Received: 02/11/26 15:30

Matrix: Water

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1.3**		1.0	0.98	mg/L			02/18/26 18:13	1
Fluoride	**0.83**		0.20	0.081	mg/L			02/18/26 18:13	1
Sulfate	**14**		1.0	0.77	mg/L			02/18/26 18:13	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		02/12/26 11:40	02/19/26 16:22	1
Calcium	**31**		0.10	0.038	mg/L		02/12/26 11:40	02/19/26 16:22	1
Lithium	**0.0086**	**J**	0.020	0.0037	mg/L		02/12/26 11:40	02/19/26 16:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		02/12/26 08:38	02/13/26 20:00	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		02/12/26 08:38	02/13/26 20:00	1
Barium	**0.035**		0.010	0.00041	mg/L		02/12/26 08:38	02/16/26 16:06	1
Beryllium	<0.00015	^+	0.0010	0.00015	mg/L		02/12/26 08:38	02/13/26 20:00	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-57300-1

Client Sample ID: WAN-WGWC-15

Lab Sample ID: 705-57300-12

Date Collected: 02/10/26 12:55
Matrix: Water
Date Received: 02/11/26 15:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	<0.00024		0.00070	0.00024	mg/L		02/12/26 08:38	02/13/26 20:00	1
Chromium	<0.0037		0.0050	0.0037	mg/L		02/12/26 08:38	02/13/26 20:00	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		02/12/26 08:38	02/13/26 20:00	1
Iron	**0.035**	**J**	0.10	0.018	mg/L		02/12/26 08:38	02/13/26 20:00	1
Lead	<0.00086	*+ ^+	0.0010	0.00086	mg/L		02/12/26 08:38	02/13/26 20:00	1
Magnesium	**5.5**		0.10	0.016	mg/L		02/12/26 08:38	02/13/26 20:00	1
Manganese	**0.0027**	**J**	0.0050	0.0013	mg/L		02/12/26 08:38	02/13/26 20:00	1
Molybdenum	**0.0021**	**J**	0.0050	0.00069	mg/L		02/12/26 08:38	02/13/26 20:00	1
Potassium	**1.7**		0.10	0.044	mg/L		02/12/26 08:38	02/13/26 20:00	1
Selenium	<0.0023		0.0050	0.0023	mg/L		02/12/26 08:38	02/13/26 20:00	1
Sodium	**11**		0.50	0.25	mg/L		02/12/26 08:38	02/13/26 20:00	1
Thallium	**0.00025**	**J B *+ ^+**	0.0010	0.00019	mg/L		02/12/26 08:38	02/13/26 20:00	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		02/18/26 09:36	02/18/26 14:27	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**100**		3.0	3.0	mg/L			02/20/26 11:44	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**100**		3.0	3.0	mg/L			02/20/26 11:44	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			02/20/26 11:44	1
Total Dissolved Solids (SM 2540C - 2015)	**140**		10	10	mg/L			02/12/26 11:00	1
Sulfide (SM 4500 S2 F-2011)	<1.0		1.0	1.0	mg/L		02/13/26 10:11	02/13/26 17:57	1

Client Sample ID: WAN-WGWC-16

Lab Sample ID: 705-57300-13

Date Collected: 02/10/26 14:32
Matrix: Water
Date Received: 02/11/26 15:30

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**23**		1.0	0.98	mg/L			02/18/26 19:11	1
Fluoride	**0.15**	**J F1**	0.20	0.081	mg/L			02/18/26 19:11	1
Sulfate	**35**		1.0	0.77	mg/L			02/18/26 19:11	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**0.49**		0.080	0.026	mg/L		02/12/26 11:40	02/19/26 16:24	1
Calcium	**15**		0.10	0.038	mg/L		02/12/26 11:40	02/19/26 16:24	1
Lithium	<0.0037		0.020	0.0037	mg/L		02/12/26 11:40	02/19/26 16:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		02/12/26 08:38	02/13/26 20:05	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		02/12/26 08:38	02/13/26 20:05	1
Barium	**0.046**		0.010	0.00041	mg/L		02/12/26 08:38	02/16/26 16:09	1
Beryllium	<0.00015	^+	0.0010	0.00015	mg/L		02/12/26 08:38	02/13/26 20:05	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		02/12/26 08:38	02/13/26 20:05	1

Client Sample ID: WAN-WGWC-16

Lab Sample ID: 705-57300-13

Date Collected: 02/10/26 14:32
Matrix: Water
Date Received: 02/11/26 15:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.0037		0.0050	0.0037	mg/L		02/12/26 08:38	02/13/26 20:05	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		02/12/26 08:38	02/13/26 20:05	1
Iron	<0.018		0.10	0.018	mg/L		02/12/26 08:38	02/13/26 20:05	1
Lead	<0.00086	*+ ^+	0.0010	0.00086	mg/L		02/12/26 08:38	02/13/26 20:05	1
Magnesium	**5.4**		0.10	0.016	mg/L		02/12/26 08:38	02/13/26 20:05	1
Manganese	**0.0062**		0.0050	0.0013	mg/L		02/12/26 08:38	02/13/26 20:05	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		02/12/26 08:38	02/13/26 20:05	1
Potassium	**2.1**		0.10	0.044	mg/L		02/12/26 08:38	02/13/26 20:05	1
Selenium	<0.0023		0.0050	0.0023	mg/L		02/12/26 08:38	02/13/26 20:05	1
Sodium	**9.3**		0.50	0.25	mg/L		02/12/26 08:38	02/13/26 20:05	1
Thallium	<0.00019	*+ ^+	0.0010	0.00019	mg/L		02/12/26 08:38	02/13/26 20:05	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		02/18/26 09:36	02/18/26 14:30	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**10**		3.0	3.0	mg/L			02/20/26 11:44	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**10**		3.0	3.0	mg/L			02/20/26 11:44	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			02/20/26 11:44	1
Total Dissolved Solids (SM 2540C - 2015)	**110**		10	10	mg/L			02/12/26 11:00	1
Sulfide (SM 4500 S2 F-2011)	<1.0		1.0	1.0	mg/L		02/13/26 10:11	02/13/26 17:57	1

Client Sample ID: WAN-WGWC-20

Lab Sample ID: 705-57300-14

Date Collected: 02/10/26 15:25
Matrix: Water
Date Received: 02/11/26 15:30

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**180**		10	9.8	mg/L			02/19/26 19:45	10
Fluoride	**2.0**		0.20	0.081	mg/L			02/18/26 19:46	1
Sulfate	**390**		10	7.7	mg/L			02/19/26 19:45	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**4.9**		0.080	0.026	mg/L		02/12/26 11:40	02/19/26 16:33	1
Calcium	**170**		0.10	0.038	mg/L		02/12/26 11:40	02/25/26 09:21	1
Lithium	**0.14**		0.020	0.0037	mg/L		02/12/26 11:40	02/19/26 16:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		02/12/26 08:38	02/13/26 20:08	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		02/12/26 08:38	02/13/26 20:08	1
Barium	**0.00043**	**J ^+**	0.010	0.00041	mg/L		02/12/26 08:38	02/13/26 20:08	1
Beryllium	**0.010**		0.0010	0.00015	mg/L		02/12/26 08:38	02/16/26 16:12	1
Cadmium	**0.00031**	**J**	0.00070	0.00024	mg/L		02/12/26 08:38	02/13/26 20:08	1
Chromium	<0.0037		0.0050	0.0037	mg/L		02/12/26 08:38	02/13/26 20:08	1

Client Sample ID: WAN-WGWC-20

Lab Sample ID: 705-57300-14

Date Collected: 02/10/26 15:25

Matrix: Water

Date Received: 02/11/26 15:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	<0.00041		0.0050	0.00041	mg/L		02/12/26 08:38	02/13/26 20:08	1
Iron	<0.018		0.10	0.018	mg/L		02/12/26 08:38	02/13/26 20:08	1
Lead	<0.00086	*+ ^+	0.0010	0.00086	mg/L		02/12/26 08:38	02/13/26 20:08	1
Magnesium	**41**		0.10	0.016	mg/L		02/12/26 08:38	02/13/26 20:08	1
Manganese	**0.32**		0.0050	0.0013	mg/L		02/12/26 08:38	02/13/26 20:08	1
Molybdenum	**0.00080**	**J**	0.0050	0.00069	mg/L		02/12/26 08:38	02/13/26 20:08	1
Potassium	**6.1**		0.10	0.044	mg/L		02/12/26 08:38	02/13/26 20:08	1
Selenium	**0.0034**	**J**	0.0050	0.0023	mg/L		02/12/26 08:38	02/13/26 20:08	1
Sodium	**49**		0.50	0.25	mg/L		02/12/26 08:38	02/13/26 20:08	1
Thallium	<0.00019	*+ ^+	0.0010	0.00019	mg/L		02/12/26 08:38	02/13/26 20:08	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		02/18/26 09:36	02/18/26 14:34	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**8.5**		3.0	3.0	mg/L			02/20/26 11:44	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**8.5**		3.0	3.0	mg/L			02/20/26 11:44	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			02/20/26 11:44	1
Total Dissolved Solids (SM 2540C - 2015)	**880**		10	10	mg/L			02/12/26 16:45	1
Sulfide (SM 4500 S2 F-2011)	<1.0		1.0	1.0	mg/L		02/13/26 10:11	02/13/26 17:57	1

Client Sample ID: WAN-WGWC-24

Lab Sample ID: 705-57300-15

Date Collected: 02/10/26 11:10

Matrix: Water

Date Received: 02/11/26 15:30

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**17**		1.0	0.98	mg/L			02/18/26 20:32	1
Fluoride	**0.28**		0.20	0.081	mg/L			02/18/26 20:32	1
Sulfate	**60**		1.0	0.77	mg/L			02/18/26 20:32	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**0.81**		0.080	0.026	mg/L		02/12/26 11:40	02/19/26 16:36	1
Calcium	**19**		0.10	0.038	mg/L		02/12/26 11:40	02/19/26 16:36	1
Lithium	**0.0054**	**J**	0.020	0.0037	mg/L		02/12/26 11:40	02/19/26 16:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		02/12/26 08:38	02/13/26 20:14	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		02/12/26 08:38	02/13/26 20:14	1
Barium	**0.067**		0.010	0.00041	mg/L		02/12/26 08:38	02/16/26 16:14	1
Beryllium	**0.0054**		0.0010	0.00015	mg/L		02/12/26 08:38	02/16/26 16:14	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		02/12/26 08:38	02/13/26 20:14	1
Chromium	<0.0037		0.0050	0.0037	mg/L		02/12/26 08:38	02/13/26 20:14	1
Cobalt	**0.035**		0.0050	0.00041	mg/L		02/12/26 08:38	02/13/26 20:14	1

Client Sample ID: WAN-WGWC-24

Lab Sample ID: 705-57300-15

Date Collected: 02/10/26 11:10

Matrix: Water

Date Received: 02/11/26 15:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	**0.019**	**J**	0.10	0.018	mg/L		02/12/26 08:38	02/13/26 20:14	1
Lead	<0.00086	*+ ^+	0.0010	0.00086	mg/L		02/12/26 08:38	02/13/26 20:14	1
Magnesium	**4.3**		0.10	0.016	mg/L		02/12/26 08:38	02/13/26 20:14	1
Manganese	**1.1**		0.0050	0.0013	mg/L		02/12/26 08:38	02/13/26 20:14	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		02/12/26 08:38	02/13/26 20:14	1
Potassium	**6.5**		0.10	0.044	mg/L		02/12/26 08:38	02/13/26 20:14	1
Selenium	<0.0023		0.0050	0.0023	mg/L		02/12/26 08:38	02/13/26 20:14	1
Sodium	**7.6**		0.50	0.25	mg/L		02/12/26 08:38	02/13/26 20:14	1
Thallium	**0.00053**	**J B *+ ^+**	0.0010	0.00019	mg/L		02/12/26 08:38	02/13/26 20:14	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		02/18/26 09:36	02/18/26 14:37	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			02/20/26 11:44	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			02/20/26 11:44	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			02/20/26 11:44	1
Total Dissolved Solids (SM 2540C - 2015)	**130**		10	10	mg/L			02/12/26 16:45	1
Sulfide (SM 4500 S2 F-2011)	<1.0		1.0	1.0	mg/L		02/13/26 10:11	02/13/26 17:57	1

Client Sample ID: WAN-WGWC-27

Lab Sample ID: 705-57300-16

Date Collected: 02/10/26 15:13

Matrix: Water

Date Received: 02/11/26 15:30

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**20**		1.0	0.98	mg/L			02/18/26 20:43	1
Fluoride	**0.80**		0.20	0.081	mg/L			02/18/26 20:43	1
Sulfate	**22**		1.0	0.77	mg/L			02/18/26 20:43	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**0.16**		0.080	0.026	mg/L		02/12/26 11:40	02/19/26 16:39	1
Calcium	**15**		0.10	0.038	mg/L		02/12/26 11:40	02/19/26 16:39	1
Lithium	**0.025**		0.020	0.0037	mg/L		02/12/26 11:40	02/19/26 16:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		02/12/26 08:38	02/13/26 20:16	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		02/12/26 08:38	02/13/26 20:16	1
Barium	**0.0023**	**J**	0.010	0.00041	mg/L		02/12/26 08:38	02/16/26 16:17	1
Beryllium	**0.0012**		0.0010	0.00015	mg/L		02/12/26 08:38	02/16/26 16:17	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		02/12/26 08:38	02/13/26 20:16	1
Chromium	<0.0037		0.0050	0.0037	mg/L		02/12/26 08:38	02/13/26 20:16	1
Cobalt	**0.0013**	**J**	0.0050	0.00041	mg/L		02/12/26 08:38	02/13/26 20:16	1
Iron	**0.42**		0.10	0.018	mg/L		02/12/26 08:38	02/13/26 20:16	1

Client Sample ID: WAN-WGWC-27

Lab Sample ID: 705-57300-16

Date Collected: 02/10/26 15:13

Matrix: Water

Date Received: 02/11/26 15:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	<0.00086	*+ ^+	0.0010	0.00086	mg/L		02/12/26 08:38	02/13/26 20:16	1
Magnesium	**2.5**		0.10	0.016	mg/L		02/12/26 08:38	02/13/26 20:16	1
Manganese	**0.17**		0.0050	0.0013	mg/L		02/12/26 08:38	02/13/26 20:16	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		02/12/26 08:38	02/13/26 20:16	1
Potassium	**1.6**		0.10	0.044	mg/L		02/12/26 08:38	02/13/26 20:16	1
Selenium	<0.0023		0.0050	0.0023	mg/L		02/12/26 08:38	02/13/26 20:16	1
Sodium	**14**		0.50	0.25	mg/L		02/12/26 08:38	02/13/26 20:16	1
Thallium	<0.00019	*+ ^+	0.0010	0.00019	mg/L		02/12/26 08:38	02/13/26 20:16	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		02/18/26 09:36	02/18/26 14:40	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**24**		3.0	3.0	mg/L			02/20/26 11:44	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**24**		3.0	3.0	mg/L			02/20/26 11:44	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			02/20/26 11:44	1
Total Dissolved Solids (SM 2540C - 2015)	**130**		10	10	mg/L			02/12/26 16:45	1
Sulfide (SM 4500 S2 F-2011)	<1.0		1.0	1.0	mg/L		02/13/26 10:11	02/13/26 17:57	1

Client Sample ID: WAN-AP1-FD-01

Lab Sample ID: 705-57300-17

Date Collected: 02/10/26 00:00

Matrix: Water

Date Received: 02/11/26 15:30

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**22**		1.0	0.98	mg/L			02/18/26 20:55	1
Fluoride	**0.14**	**J**	0.20	0.081	mg/L			02/18/26 20:55	1
Sulfate	**34**		1.0	0.77	mg/L			02/18/26 20:55	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**0.49**		0.080	0.026	mg/L		02/12/26 11:40	02/19/26 16:42	1
Calcium	**15**		0.10	0.038	mg/L		02/12/26 11:40	02/19/26 16:42	1
Lithium	<0.0037		0.020	0.0037	mg/L		02/12/26 11:40	02/19/26 16:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		02/12/26 08:38	02/13/26 20:19	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		02/12/26 08:38	02/13/26 20:19	1
Barium	**0.048**		0.010	0.00041	mg/L		02/12/26 08:38	02/16/26 16:19	1
Beryllium	<0.00015	^+	0.0010	0.00015	mg/L		02/12/26 08:38	02/13/26 20:19	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		02/12/26 08:38	02/13/26 20:19	1
Chromium	<0.0037		0.0050	0.0037	mg/L		02/12/26 08:38	02/13/26 20:19	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		02/12/26 08:38	02/13/26 20:19	1
Iron	<0.018		0.10	0.018	mg/L		02/12/26 08:38	02/13/26 20:19	1
Lead	<0.00086	*+ ^+	0.0010	0.00086	mg/L		02/12/26 08:38	02/13/26 20:19	1

Client Sample ID: WAN-AP1-FD-01

Lab Sample ID: 705-57300-17

Date Collected: 02/10/26 00:00
Matrix: Water
Date Received: 02/11/26 15:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Magnesium	**5.6**		0.10	0.016	mg/L		02/12/26 08:38	02/13/26 20:19	1
Manganese	**0.0063**		0.0050	0.0013	mg/L		02/12/26 08:38	02/13/26 20:19	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		02/12/26 08:38	02/13/26 20:19	1
Potassium	**2.1**		0.10	0.044	mg/L		02/12/26 08:38	02/13/26 20:19	1
Selenium	<0.0023		0.0050	0.0023	mg/L		02/12/26 08:38	02/13/26 20:19	1
Sodium	**9.5**		0.50	0.25	mg/L		02/12/26 08:38	02/13/26 20:19	1
Thallium	<0.00019	*+ ^+	0.0010	0.00019	mg/L		02/12/26 08:38	02/13/26 20:19	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		02/18/26 09:36	02/18/26 14:44	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**9.8**		3.0	3.0	mg/L			02/20/26 11:44	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**9.8**		3.0	3.0	mg/L			02/20/26 11:44	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			02/20/26 11:44	1
Total Dissolved Solids (SM 2540C - 2015)	**110**		10	10	mg/L			02/12/26 16:45	1
Sulfide (SM 4500 S2 F-2011)	<1.0		1.0	1.0	mg/L		02/13/26 10:11	02/13/26 17:57	1

Client Sample ID: WAN-AP1-FB-07

Lab Sample ID: 705-57300-18

Date Collected: 02/10/26 11:30
Matrix: Water
Date Received: 02/11/26 15:30

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.98		1.0	0.98	mg/L			02/18/26 21:07	1
Fluoride	**0.096**	**J**	0.20	0.081	mg/L			02/18/26 21:07	1
Sulfate	<0.77		1.0	0.77	mg/L			02/18/26 21:07	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		02/12/26 11:40	02/19/26 16:45	1
Calcium	<0.038		0.10	0.038	mg/L		02/12/26 11:40	02/19/26 16:45	1
Lithium	<0.0037		0.020	0.0037	mg/L		02/12/26 11:40	02/19/26 16:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		02/12/26 08:38	02/13/26 20:22	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		02/12/26 08:38	02/13/26 20:22	1
Barium	<0.00041	^+	0.010	0.00041	mg/L		02/12/26 08:38	02/13/26 20:22	1
Beryllium	<0.00015	^+	0.0010	0.00015	mg/L		02/12/26 08:38	02/13/26 20:22	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		02/12/26 08:38	02/13/26 20:22	1
Chromium	<0.0037		0.0050	0.0037	mg/L		02/12/26 08:38	02/13/26 20:22	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		02/12/26 08:38	02/13/26 20:22	1
Iron	<0.018		0.10	0.018	mg/L		02/12/26 08:38	02/13/26 20:22	1
Lead	<0.00086	*+ ^+	0.0010	0.00086	mg/L		02/12/26 08:38	02/13/26 20:22	1
Magnesium	<0.016		0.10	0.016	mg/L		02/12/26 08:38	02/13/26 20:22	1

Client Sample ID: WAN-AP1-FB-07

Lab Sample ID: 705-57300-18

Date Collected: 02/10/26 11:30
Matrix: Water
Date Received: 02/11/26 15:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	<0.0013		0.0050	0.0013	mg/L		02/12/26 08:38	02/13/26 20:22	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		02/12/26 08:38	02/13/26 20:22	1
Potassium	<0.044		0.10	0.044	mg/L		02/12/26 08:38	02/13/26 20:22	1
Selenium	<0.0023		0.0050	0.0023	mg/L		02/12/26 08:38	02/13/26 20:22	1
Sodium	<0.25		0.50	0.25	mg/L		02/12/26 08:38	02/13/26 20:22	1
Thallium	<0.00019	*+ ^+	0.0010	0.00019	mg/L		02/12/26 08:38	02/13/26 20:22	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		02/18/26 09:36	02/18/26 14:47	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			02/20/26 11:44	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			02/20/26 11:44	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			02/20/26 11:44	1
Total Dissolved Solids (SM 2540C - 2015)	<10		10	10	mg/L			02/12/26 16:45	1
Sulfide (SM 4500 S2 F-2011)	<1.0		1.0	1.0	mg/L		02/13/26 10:11	02/13/26 17:57	1

Client Sample ID: WAN-AP1-FB-08

Lab Sample ID: 705-57300-19

Date Collected: 02/10/26 15:45
Matrix: Water
Date Received: 02/11/26 15:30

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.98		1.0	0.98	mg/L			02/18/26 21:18	1
Fluoride	**0.095**	**J**	0.20	0.081	mg/L			02/18/26 21:18	1
Sulfate	<0.77		1.0	0.77	mg/L			02/18/26 21:18	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		02/12/26 11:40	02/19/26 16:48	1
Calcium	<0.038		0.10	0.038	mg/L		02/12/26 11:40	02/19/26 16:48	1
Lithium	<0.0037		0.020	0.0037	mg/L		02/12/26 11:40	02/19/26 16:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		02/12/26 08:38	02/13/26 20:24	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		02/12/26 08:38	02/13/26 20:24	1
Barium	<0.00041	^+	0.010	0.00041	mg/L		02/12/26 08:38	02/13/26 20:24	1
Beryllium	<0.00015	^+	0.0010	0.00015	mg/L		02/12/26 08:38	02/13/26 20:24	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		02/12/26 08:38	02/13/26 20:24	1
Chromium	<0.0037		0.0050	0.0037	mg/L		02/12/26 08:38	02/13/26 20:24	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		02/12/26 08:38	02/13/26 20:24	1
Iron	**0.020**	**J**	0.10	0.018	mg/L		02/12/26 08:38	02/13/26 20:24	1
Lead	<0.00086	*+ ^+	0.0010	0.00086	mg/L		02/12/26 08:38	02/13/26 20:24	1
Magnesium	<0.016		0.10	0.016	mg/L		02/12/26 08:38	02/13/26 20:24	1
Manganese	<0.0013		0.0050	0.0013	mg/L		02/12/26 08:38	02/13/26 20:24	1

Client Sample ID: WAN-AP1-FB-08

Lab Sample ID: 705-57300-19

Date Collected: 02/10/26 15:45
Matrix: Water
Date Received: 02/11/26 15:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Molybdenum	<0.00069		0.0050	0.00069	mg/L		02/12/26 08:38	02/13/26 20:24	1
Potassium	<0.044		0.10	0.044	mg/L		02/12/26 08:38	02/13/26 20:24	1
Selenium	<0.0023		0.0050	0.0023	mg/L		02/12/26 08:38	02/13/26 20:24	1
Sodium	<0.25		0.50	0.25	mg/L		02/12/26 08:38	02/13/26 20:24	1
Thallium	<0.00019	*+ ^+	0.0010	0.00019	mg/L		02/12/26 08:38	02/13/26 20:24	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		02/18/26 09:36	02/18/26 15:01	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			02/20/26 11:44	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			02/20/26 11:44	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			02/20/26 11:44	1
Total Dissolved Solids (SM 2540C - 2015)	<10		10	10	mg/L			02/12/26 16:45	1
Sulfide (SM 4500 S2 F-2011)	<1.0		1.0	1.0	mg/L		02/13/26 10:11	02/13/26 17:57	1

Client Sample ID: WAN-AP1-EB-01

Lab Sample ID: 705-57300-20

Date Collected: 02/10/26 13:10
Matrix: Water
Date Received: 02/11/26 15:30

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.98		1.0	0.98	mg/L			02/18/26 21:30	1
Fluoride	**0.095**	**J**	0.20	0.081	mg/L			02/18/26 21:30	1
Sulfate	<0.77		1.0	0.77	mg/L			02/18/26 21:30	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		02/12/26 11:40	02/19/26 16:51	1
Calcium	<0.038		0.10	0.038	mg/L		02/12/26 11:40	02/19/26 16:51	1
Lithium	<0.0037		0.020	0.0037	mg/L		02/12/26 11:40	02/19/26 16:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		02/12/26 08:38	02/13/26 20:48	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		02/12/26 08:38	02/13/26 20:48	1
Barium	**0.00055**	**J**	0.010	0.00041	mg/L		02/12/26 08:38	02/13/26 20:48	1
Beryllium	<0.00015	^+	0.0010	0.00015	mg/L		02/12/26 08:38	02/13/26 20:48	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		02/12/26 08:38	02/13/26 20:48	1
Chromium	<0.0037		0.0050	0.0037	mg/L		02/12/26 08:38	02/13/26 20:48	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		02/12/26 08:38	02/13/26 20:48	1
Iron	<0.018		0.10	0.018	mg/L		02/12/26 08:38	02/13/26 20:48	1
Lead	<0.00086	*+ ^+	0.0010	0.00086	mg/L		02/12/26 08:38	02/13/26 20:48	1
Magnesium	<0.016		0.10	0.016	mg/L		02/12/26 08:38	02/13/26 20:48	1
Manganese	<0.0013		0.0050	0.0013	mg/L		02/12/26 08:38	02/13/26 20:48	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		02/12/26 08:38	02/13/26 20:48	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-57300-1

Client Sample ID: WAN-AP1-EB-01

Lab Sample ID: 705-57300-20

Date Collected: 02/10/26 13:10
Matrix: Water
Date Received: 02/11/26 15:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Potassium	<0.044		0.10	0.044	mg/L		02/12/26 08:38	02/13/26 20:48	1
Selenium	<0.0023		0.0050	0.0023	mg/L		02/12/26 08:38	02/13/26 20:48	1
Sodium	<0.25		0.50	0.25	mg/L		02/12/26 08:38	02/13/26 20:48	1
Thallium	**0.00026**	**J B *+ ^+**	0.0010	0.00019	mg/L		02/12/26 08:38	02/13/26 20:48	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		02/18/26 09:36	02/18/26 15:05	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			02/20/26 11:44	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			02/20/26 11:44	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			02/20/26 11:44	1
Total Dissolved Solids (SM 2540C - 2015)	<10		10	10	mg/L			02/12/26 16:45	1
Sulfide (SM 4500 S2 F-2011)	<1.0		1.0	1.0	mg/L		02/13/26 10:11	02/13/26 17:57	1

Method Summary

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-57300-1

Method	Method Description	Protocol	Laboratory
300.0	Anions, Ion Chromatography	EPA	EET ATL 2
6010D	Metals (ICP)	SW846	EET ATL
6020B	Metals (ICP/MS)	SW846	EET ATL
7470A	Mercury (CVAA)	SW846	EET ATL
2320B-2011	Alkalinity, Total	SM	EET ATL
2540C - 2015	Total Dissolved Solids (Dried at 180 °C)	SM	EET ATL
4500 S2 F-2011	Sulfide, Total	SM	EET ATL
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET ATL
3010A	Preparation, Total Metals	SW846	EET ATL
7470A	Preparation, Mercury	SW846	EET ATL
SM 4500 S2 C	Sulfide, Sample Pretreatment/Concentration	SM	EET ATL

Protocol References:

EPA = US Environmental Protection Agency

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

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

Laboratory References:

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

EET ATL 2 = Eurofins Atlanta Building A, 3080 Presidential Pkwy, Atlanta, GA 30340, TEL (770)457-8177

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 705-115179/3 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 115179

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.98		1.0	0.98	mg/L			02/18/26 13:01	1
Fluoride	<0.081		0.20	0.081	mg/L			02/18/26 13:01	1
Sulfate	<0.77		1.0	0.77	mg/L			02/18/26 13:01	1

Lab Sample ID: MB 705-115179/31 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 115179

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.98		1.0	0.98	mg/L			02/18/26 18:48	1
Fluoride	<0.081		0.20	0.081	mg/L			02/18/26 18:48	1
Sulfate	<0.77		1.0	0.77	mg/L			02/18/26 18:48	1

Lab Sample ID: LCS 705-115179/32 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 115179

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	10.5		mg/L		105	90 - 110
Fluoride	5.00	5.44		mg/L		109	90 - 110
Sulfate	25.0	26.0		mg/L		104	90 - 110

Lab Sample ID: LCS 705-115179/4 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 115179

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	10.4		mg/L		104	90 - 110
Fluoride	5.00	5.42		mg/L		108	90 - 110
Sulfate	25.0	25.9		mg/L		104	90 - 110

Lab Sample ID: 705-57300-13 MS — **Client Sample ID: WAN-WGWC-16**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 115179

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	23		10.0	32.9		mg/L		103	90 - 110
Fluoride	0.15	J F1	5.00	6.09	F1	mg/L		119	90 - 110
Sulfate	35		25.0	58.7		mg/L		96	90 - 110

Lab Sample ID: 705-57300-13 MSD — **Client Sample ID: WAN-WGWC-16**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 115179

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	23		10.0	33.2		mg/L		106	90 - 110	1	20
Fluoride	0.15	J F1	5.00	6.08	F1	mg/L		119	90 - 110	0	20
Sulfate	35		25.0	59.4		mg/L		99	90 - 110	1	20

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 705-57735-F-50 MS — **Client Sample ID: Matrix Spike**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 115179

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	7.2	F1	10.0	19.0	F1	mg/L		118	90 - 110
Fluoride	0.15	J F1	5.00	5.94	F1	mg/L		116	90 - 110
Sulfate	8.4		25.0	35.6		mg/L		109	90 - 110

Lab Sample ID: 705-57735-F-50 MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 115179

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	7.2	F1	10.0	18.9	F1	mg/L		117	90 - 110	1	20
Fluoride	0.15	J F1	5.00	5.88	F1	mg/L		114	90 - 110	1	20
Sulfate	8.4		25.0	35.1		mg/L		107	90 - 110	1	20

Lab Sample ID: MB 705-115312/90 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 115312

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.98		1.0	0.98	mg/L			02/19/26 18:14	1
Fluoride	<0.081		0.20	0.081	mg/L			02/19/26 18:14	1
Sulfate	<0.77		1.0	0.77	mg/L			02/19/26 18:14	1

Lab Sample ID: LCS 705-115312/91 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 115312

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	9.40		mg/L		94	90 - 110
Fluoride	5.00	4.90		mg/L		98	90 - 110
Sulfate	25.0	24.9		mg/L		100	90 - 110

Lab Sample ID: 705-57865-A-2 MS — **Client Sample ID: Matrix Spike**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 115312

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	480		100	532	4	mg/L		48	90 - 110
Fluoride	7.6	F1	50.0	53.9		mg/L		93	90 - 110
Sulfate	20		250	253		mg/L		93	90 - 110

Lab Sample ID: 705-57865-A-2 MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 115312

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	480		100	530	4	mg/L		46	90 - 110	0	20
Fluoride	7.6	F1	50.0	50.9	F1	mg/L		87	90 - 110	6	20
Sulfate	20		250	254		mg/L		94	90 - 110	0	20

QC Sample Results

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-57300-1

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 705-113753/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 115472 — **Prep Batch: 113753**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		02/12/26 11:40	02/19/26 14:02	1
Calcium	<0.038		0.10	0.038	mg/L		02/12/26 11:40	02/19/26 14:02	1
Lithium	<0.0037		0.020	0.0037	mg/L		02/12/26 11:40	02/19/26 14:02	1

Lab Sample ID: LCS 705-113753/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 115472 — **Prep Batch: 113753**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	1.00	1.02		mg/L		102	80 - 120
Calcium	10.0	10.4		mg/L		104	80 - 120
Lithium	1.00	0.990		mg/L		99	80 - 120

Lab Sample ID: 705-57300-1 MS — **Client Sample ID: WAN-WGWA-2**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 115472 — **Prep Batch: 113753**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	<0.026		1.00	1.02		mg/L		102	75 - 125
Calcium	15		10.0	24.6		mg/L		100	75 - 125
Lithium	0.0078	J	1.00	1.02		mg/L		101	75 - 125

Lab Sample ID: 705-57300-1 MSD — **Client Sample ID: WAN-WGWA-2**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 115472 — **Prep Batch: 113753**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Boron	<0.026		1.00	1.03		mg/L		103	75 - 125	1	20
Calcium	15		10.0	24.7		mg/L		101	75 - 125	0	20
Lithium	0.0078	J	1.00	1.03		mg/L		102	75 - 125	1	20

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 705-113680/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 114070 — **Prep Batch: 113680**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		02/12/26 07:51	02/12/26 18:41	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		02/12/26 07:51	02/12/26 18:41	1
Barium	<0.00041		0.010	0.00041	mg/L		02/12/26 07:51	02/12/26 18:41	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		02/12/26 07:51	02/12/26 18:41	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		02/12/26 07:51	02/12/26 18:41	1
Chromium	<0.0037		0.0050	0.0037	mg/L		02/12/26 07:51	02/12/26 18:41	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		02/12/26 07:51	02/12/26 18:41	1
Iron	<0.018		0.10	0.018	mg/L		02/12/26 07:51	02/12/26 18:41	1
Lead	<0.00086		0.0010	0.00086	mg/L		02/12/26 07:51	02/12/26 18:41	1
Magnesium	<0.016		0.10	0.016	mg/L		02/12/26 07:51	02/12/26 18:41	1
Manganese	<0.0013		0.0050	0.0013	mg/L		02/12/26 07:51	02/12/26 18:41	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		02/12/26 07:51	02/12/26 18:41	1

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

Lab Sample ID: MB 705-113680/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 114070 — **Prep Batch: 113680**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Potassium	<0.044		0.10	0.044	mg/L		02/12/26 07:51	02/12/26 18:41	1
Selenium	<0.0023		0.0050	0.0023	mg/L		02/12/26 07:51	02/12/26 18:41	1
Sodium	<0.25	^+	0.50	0.25	mg/L		02/12/26 07:51	02/12/26 18:41	1
Thallium	0.000216	J	0.0010	0.00019	mg/L		02/12/26 07:51	02/12/26 18:41	1

Lab Sample ID: LCS 705-113680/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 114070 — **Prep Batch: 113680**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.100	0.0909		mg/L		91	80 - 120
Arsenic	0.100	0.104		mg/L		104	80 - 120
Barium	0.100	0.102		mg/L		102	80 - 120
Beryllium	0.100	0.0937		mg/L		94	80 - 120
Cadmium	0.100	0.104		mg/L		104	80 - 120
Chromium	0.100	0.0994		mg/L		99	80 - 120
Cobalt	0.100	0.102		mg/L		102	80 - 120
Iron	1.00	0.992		mg/L		99	80 - 120
Lead	0.100	0.106		mg/L		106	80 - 120
Magnesium	1.00	1.00		mg/L		100	80 - 120
Manganese	0.100	0.0980		mg/L		98	80 - 120
Molybdenum	0.100	0.101		mg/L		101	80 - 120
Potassium	1.00	1.02		mg/L		102	80 - 120
Selenium	0.100	0.0990		mg/L		99	80 - 120
Thallium	0.100	0.110		mg/L		110	80 - 120

Lab Sample ID: LCS 705-113680/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 114199 — **Prep Batch: 113680**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sodium	1.00	1.01		mg/L		101	80 - 120

Lab Sample ID: 705-57228-A-2-B MS — **Client Sample ID: Matrix Spike**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 114070 — **Prep Batch: 113680**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<0.0025		0.100	0.0916		mg/L		92	75 - 125
Arsenic	<0.0013		0.100	0.0999		mg/L		100	75 - 125
Barium	0.0082	J	0.100	0.104		mg/L		95	75 - 125
Beryllium	<0.00015		0.100	0.0949		mg/L		95	75 - 125
Cadmium	<0.00024		0.100	0.102		mg/L		102	75 - 125
Chromium	<0.0037		0.100	0.101		mg/L		101	75 - 125
Cobalt	0.0021	J	0.100	0.104		mg/L		102	75 - 125
Iron	0.074	J	1.00	1.03		mg/L		95	75 - 125
Lead	<0.00086		0.100	0.103		mg/L		103	75 - 125
Magnesium	1.3		1.00	2.34		mg/L		108	75 - 125
Manganese	0.045		0.100	0.145		mg/L		101	75 - 125

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

Lab Sample ID: 705-57228-A-2-B MS — **Client Sample ID: Matrix Spike**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 114070 — **Prep Batch: 113680**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Molybdenum	<0.00069		0.100	0.100		mg/L		100	75 - 125
Potassium	0.41		1.00	1.40		mg/L		99	75 - 125
Selenium	<0.0023		0.100	0.0962		mg/L		96	75 - 125
Sodium	3.0	^+ *+	1.00	3.92	^+	mg/L		97	75 - 125
Thallium	<0.00019		0.100	0.107		mg/L		107	75 - 125

Lab Sample ID: 705-57228-A-2-C MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 114070 — **Prep Batch: 113680**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	<0.0025		0.100	0.0886		mg/L		89	75 - 125	3	20
Arsenic	<0.0013		0.100	0.101		mg/L		101	75 - 125	1	20
Barium	0.0082	J	0.100	0.107		mg/L		99	75 - 125	4	20
Beryllium	<0.00015		0.100	0.0940		mg/L		94	75 - 125	1	20
Cadmium	<0.00024		0.100	0.0980		mg/L		98	75 - 125	4	20
Chromium	<0.0037		0.100	0.101		mg/L		101	75 - 125	0	20
Cobalt	0.0021	J	0.100	0.105		mg/L		103	75 - 125	1	20
Iron	0.074	J	1.00	1.08		mg/L		101	75 - 125	5	20
Lead	<0.00086		0.100	0.103		mg/L		103	75 - 125	0	20
Magnesium	1.3		1.00	2.40		mg/L		114	75 - 125	3	20
Manganese	0.045		0.100	0.149		mg/L		104	75 - 125	3	20
Molybdenum	<0.00069		0.100	0.0975		mg/L		97	75 - 125	3	20
Potassium	0.41		1.00	1.44		mg/L		103	75 - 125	3	20
Selenium	<0.0023		0.100	0.0954		mg/L		95	75 - 125	1	20
Sodium	3.0	^+ *+	1.00	3.82	^+	mg/L		87	75 - 125	3	20
Thallium	<0.00019		0.100	0.108		mg/L		108	75 - 125	0	20

Lab Sample ID: MB 705-113691/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 114473 — **Prep Batch: 113691**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		02/12/26 08:38	02/13/26 15:15	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		02/12/26 08:38	02/13/26 15:15	1
Barium	<0.00041		0.010	0.00041	mg/L		02/12/26 08:38	02/13/26 15:15	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		02/12/26 08:38	02/13/26 15:15	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		02/12/26 08:38	02/13/26 15:15	1
Chromium	<0.0037		0.0050	0.0037	mg/L		02/12/26 08:38	02/13/26 15:15	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		02/12/26 08:38	02/13/26 15:15	1
Iron	<0.018		0.10	0.018	mg/L		02/12/26 08:38	02/13/26 15:15	1
Lead	<0.00086	^+	0.0010	0.00086	mg/L		02/12/26 08:38	02/13/26 15:15	1
Magnesium	<0.016		0.10	0.016	mg/L		02/12/26 08:38	02/13/26 15:15	1
Manganese	<0.0013		0.0050	0.0013	mg/L		02/12/26 08:38	02/13/26 15:15	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		02/12/26 08:38	02/13/26 15:15	1
Potassium	<0.044		0.10	0.044	mg/L		02/12/26 08:38	02/13/26 15:15	1
Selenium	<0.0023		0.0050	0.0023	mg/L		02/12/26 08:38	02/13/26 15:15	1
Sodium	<0.25		0.50	0.25	mg/L		02/12/26 08:38	02/13/26 15:15	1
Thallium	0.000226	J ^+	0.0010	0.00019	mg/L		02/12/26 08:38	02/13/26 15:15	1

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

Lab Sample ID: LCS 705-113691/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 114473 — **Prep Batch: 113691**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.100	0.103		mg/L		103	80 - 120
Arsenic	0.100	0.0937		mg/L		94	80 - 120
Barium	0.100	0.108		mg/L		108	80 - 120
Beryllium	0.100	0.101		mg/L		101	80 - 120
Cadmium	0.100	0.0967		mg/L		97	80 - 120
Chromium	0.100	0.100		mg/L		100	80 - 120
Cobalt	0.100	0.103		mg/L		103	80 - 120
Iron	1.00	1.02		mg/L		102	80 - 120
Lead	0.100	0.125	^+ *+	mg/L		125	80 - 120
Magnesium	1.00	1.03		mg/L		103	80 - 120
Manganese	0.100	0.0995		mg/L		100	80 - 120
Molybdenum	0.100	0.103		mg/L		103	80 - 120
Potassium	1.00	0.966		mg/L		97	80 - 120
Selenium	0.100	0.0966		mg/L		97	80 - 120
Sodium	1.00	1.05		mg/L		105	80 - 120
Thallium	0.100	0.134	^+ *+	mg/L		134	80 - 120

Lab Sample ID: 705-57300-11 MS — **Client Sample ID: WAN-WGWC-14A**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 114473 — **Prep Batch: 113691**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<0.0025		0.100	0.100		mg/L		100	75 - 125
Arsenic	<0.0013		0.100	0.0970		mg/L		97	75 - 125
Barium	0.029		0.100	0.131		mg/L		102	75 - 125
Beryllium	0.00022	J	0.100	0.105		mg/L		105	75 - 125
Cadmium	<0.00024		0.100	0.0949		mg/L		95	75 - 125
Chromium	<0.0037		0.100	0.101		mg/L		101	75 - 125
Cobalt	0.0016	J	0.100	0.106		mg/L		104	75 - 125
Iron	0.098	J	1.00	1.13		mg/L		103	75 - 125
Lead	<0.00086	^+ *+ F1	0.100	0.127	^+ F1	mg/L		127	75 - 125
Magnesium	0.81		1.00	1.82		mg/L		102	75 - 125
Manganese	0.037		0.100	0.140		mg/L		102	75 - 125
Molybdenum	<0.00069		0.100	0.100		mg/L		100	75 - 125
Potassium	1.8		1.00	2.75		mg/L		93	75 - 125
Selenium	<0.0023		0.100	0.0991		mg/L		99	75 - 125
Sodium	4.4		1.00	5.51	4	mg/L		107	75 - 125
Thallium	0.00038	J ^+ B *+ F1	0.100	0.135	^+ F1	mg/L		135	75 - 125

Lab Sample ID: 705-57300-11 MSD — **Client Sample ID: WAN-WGWC-14A**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 114473 — **Prep Batch: 113691**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	<0.0025		0.100	0.0992		mg/L		99	75 - 125	1	20
Arsenic	<0.0013		0.100	0.0996		mg/L		100	75 - 125	3	20
Barium	0.029		0.100	0.128		mg/L		98	75 - 125	3	20
Beryllium	0.00022	J	0.100	0.103		mg/L		103	75 - 125	2	20

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

Lab Sample ID: 705-57300-11 MSD — **Client Sample ID: WAN-WGWC-14A**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 114473 — **Prep Batch: 113691**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cadmium	<0.00024		0.100	0.0976		mg/L		98	75 - 125	3	20
Chromium	<0.0037		0.100	0.103		mg/L		103	75 - 125	2	20
Cobalt	0.0016	J	0.100	0.106		mg/L		105	75 - 125	1	20
Iron	0.098	J	1.00	1.14		mg/L		104	75 - 125	1	20
Lead	<0.00086	^+ *+ F1	0.100	0.127	^+ F1	mg/L		127	75 - 125	0	20
Magnesium	0.81		1.00	1.83		mg/L		102	75 - 125	0	20
Manganese	0.037		0.100	0.137		mg/L		100	75 - 125	2	20
Molybdenum	<0.00069		0.100	0.0986		mg/L		99	75 - 125	2	20
Potassium	1.8		1.00	2.71		mg/L		89	75 - 125	1	20
Selenium	<0.0023		0.100	0.0952		mg/L		95	75 - 125	4	20
Sodium	4.4		1.00	5.39	4	mg/L		95	75 - 125	2	20
Thallium	0.00038	J ^+ B *+ F1	0.100	0.134	^+ F1	mg/L		134	75 - 125	1	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 705-114775/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 115132 — **Prep Batch: 114775**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		02/18/26 09:36	02/18/26 13:21	1

Lab Sample ID: LCS 705-114775/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 115132 — **Prep Batch: 114775**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00400	0.00386		mg/L		97	80 - 120

Lab Sample ID: 705-57300-1 MS — **Client Sample ID: WAN-WGWA-2**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 115132 — **Prep Batch: 114775**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	<0.00017		0.00400	0.00404		mg/L		101	75 - 125

Lab Sample ID: 705-57300-1 MSD — **Client Sample ID: WAN-WGWA-2**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 115132 — **Prep Batch: 114775**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.00017		0.00400	0.00380		mg/L		95	75 - 125	6	20

Method: 2320B-2011 - Alkalinity, Total

Lab Sample ID: LCS 705-115332/1 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 115332

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Alkalinity as CaCO3			125	137		mg/L		110	90 - 110		

Lab Sample ID: 705-57300-1 DU — **Client Sample ID: WAN-WGWA-2**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 115332

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Alkalinity as CaCO3	76			74.5		mg/L				2	30
Bicarbonate Alkalinity as CaCO3	76			74.5		mg/L				2	30
Carbonate Alkalinity as CaCO3	<3.0			<3.0		mg/L				NC	30

Lab Sample ID: LCS 705-115611/1 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 115611

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Alkalinity as CaCO3			125	132		mg/L		105	90 - 110		

Lab Sample ID: 705-57300-2 DU — **Client Sample ID: WAN-WGWA-3**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 115659

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Alkalinity as CaCO3	11			11.3		mg/L				0.5	30
Bicarbonate Alkalinity as CaCO3	11			11.3		mg/L				0.5	30
Carbonate Alkalinity as CaCO3	<3.0			<3.0		mg/L				NC	30

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

Lab Sample ID: MB 705-113747/1 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 113747

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			02/12/26 11:00	1

Lab Sample ID: LCS 705-113747/2 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 113747

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Dissolved Solids			996	1070		mg/L		108	80 - 120		

Lab Sample ID: 705-57064-C-1 DU — **Client Sample ID: Duplicate**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 113747

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	950			958		mg/L				1	10

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

Lab Sample ID: MB 705-113875/1 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 113875

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			02/12/26 16:45	1

Lab Sample ID: LCS 705-113875/2 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 113875

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	996	836		mg/L		84	80 - 120

Lab Sample ID: 705-57300-14 DU — **Client Sample ID: WAN-WGWC-20**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 113875

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	880		911		mg/L		3	10

Method: 4500 S2 F-2011 - Sulfide, Total

Lab Sample ID: MB 705-114020/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 114141 — **Prep Batch: 114020**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide	<1.0		1.0	1.0	mg/L		02/13/26 09:32	02/13/26 13:26	1

Lab Sample ID: LCS 705-114020/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 114141 — **Prep Batch: 114020**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfide	28.5	28.4		mg/L		100	90 - 110

Lab Sample ID: 785-6464-A-1-B MS — **Client Sample ID: Matrix Spike**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 114141 — **Prep Batch: 114020**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfide	4.0	F1	28.5	17.2	F1	mg/L		46	80 - 120

Lab Sample ID: 785-6464-A-1-C MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 114141 — **Prep Batch: 114020**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfide	4.0	F1	28.5	16.8	F1	mg/L		45	80 - 120	2	20

Method: 4500 S2 F-2011 - Sulfide, Total (Continued)

Lab Sample ID: MB 705-114042/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 114211 — **Prep Batch: 114042**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide	<1.0		1.0	1.0	mg/L		02/13/26 10:11	02/13/26 17:57	1

Lab Sample ID: LCS 705-114042/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 114211 — **Prep Batch: 114042**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfide	21.7	21.6		mg/L		100	90 - 110

Lab Sample ID: 705-57219-E-2-B MS — **Client Sample ID: Matrix Spike**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 114211 — **Prep Batch: 114042**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfide	<1.0		21.7	20.8		mg/L		96	80 - 120

Lab Sample ID: 705-57219-E-2-C MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 114211 — **Prep Batch: 114042**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfide	<1.0		21.7	19.2		mg/L		89	80 - 120	8	20

QC Association Summary

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-57300-1

HPLC/IC

Analysis Batch: 115179

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-57300-1	WAN-WGWA-2	Total/NA	Water	300.0	
705-57300-2	WAN-WGWA-3	Total/NA	Water	300.0	
705-57300-3	WAN-WGWA-4	Total/NA	Water	300.0	
705-57300-4	WAN-WGWA-6	Total/NA	Water	300.0	
705-57300-5	WAN-WGWA-7	Total/NA	Water	300.0	
705-57300-6	WAN-WGWA-1	Total/NA	Water	300.0	
705-57300-7	WAN-WGWA-18	Total/NA	Water	300.0	
705-57300-8	WAN-WGWC-10	Total/NA	Water	300.0	
705-57300-9	WAN-WGWC-11	Total/NA	Water	300.0	
705-57300-10	WAN-WGWC-13	Total/NA	Water	300.0	
705-57300-11	WAN-WGWC-14A	Total/NA	Water	300.0	
705-57300-12	WAN-WGWC-15	Total/NA	Water	300.0	
705-57300-13	WAN-WGWC-16	Total/NA	Water	300.0	
705-57300-14	WAN-WGWC-20	Total/NA	Water	300.0	
705-57300-15	WAN-WGWC-24	Total/NA	Water	300.0	
705-57300-16	WAN-WGWC-27	Total/NA	Water	300.0	
705-57300-17	WAN-AP1-FD-01	Total/NA	Water	300.0	
705-57300-18	WAN-AP1-FB-07	Total/NA	Water	300.0	
705-57300-19	WAN-AP1-FB-08	Total/NA	Water	300.0	
705-57300-20	WAN-AP1-EB-01	Total/NA	Water	300.0	
MB 705-115179/3	Method Blank	Total/NA	Water	300.0	
MB 705-115179/31	Method Blank	Total/NA	Water	300.0	
LCS 705-115179/32	Lab Control Sample	Total/NA	Water	300.0	
LCS 705-115179/4	Lab Control Sample	Total/NA	Water	300.0	
705-57300-13 MS	WAN-WGWC-16	Total/NA	Water	300.0	
705-57300-13 MSD	WAN-WGWC-16	Total/NA	Water	300.0	
705-57735-F-50 MS	Matrix Spike	Total/NA	Water	300.0	
705-57735-F-50 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0	

Analysis Batch: 115312

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-57300-14	WAN-WGWC-20	Total/NA	Water	300.0	
MB 705-115312/90	Method Blank	Total/NA	Water	300.0	
LCS 705-115312/91	Lab Control Sample	Total/NA	Water	300.0	
705-57865-A-2 MS	Matrix Spike	Total/NA	Water	300.0	
705-57865-A-2 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0	

Metals

Prep Batch: 113680

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-57300-1	WAN-WGWA-2	Total Recoverable	Water	3005A	
705-57300-2	WAN-WGWA-3	Total Recoverable	Water	3005A	
705-57300-3	WAN-WGWA-4	Total Recoverable	Water	3005A	
705-57300-4	WAN-WGWA-6	Total Recoverable	Water	3005A	
705-57300-5	WAN-WGWA-7	Total Recoverable	Water	3005A	
705-57300-6	WAN-WGWA-1	Total Recoverable	Water	3005A	
705-57300-7	WAN-WGWA-18	Total Recoverable	Water	3005A	
705-57300-8	WAN-WGWC-10	Total Recoverable	Water	3005A	
705-57300-9	WAN-WGWC-11	Total Recoverable	Water	3005A	
705-57300-10	WAN-WGWC-13	Total Recoverable	Water	3005A	

Metals (Continued)

Prep Batch: 113680 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 705-113680/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 705-113680/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
705-57228-A-2-B MS	Matrix Spike	Total Recoverable	Water	3005A	
705-57228-A-2-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	3005A	

Prep Batch: 113691

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-57300-11	WAN-WGWC-14A	Total Recoverable	Water	3005A	
705-57300-12	WAN-WGWC-15	Total Recoverable	Water	3005A	
705-57300-13	WAN-WGWC-16	Total Recoverable	Water	3005A	
705-57300-14	WAN-WGWC-20	Total Recoverable	Water	3005A	
705-57300-15	WAN-WGWC-24	Total Recoverable	Water	3005A	
705-57300-16	WAN-WGWC-27	Total Recoverable	Water	3005A	
705-57300-17	WAN-AP1-FD-01	Total Recoverable	Water	3005A	
705-57300-18	WAN-AP1-FB-07	Total Recoverable	Water	3005A	
705-57300-19	WAN-AP1-FB-08	Total Recoverable	Water	3005A	
705-57300-20	WAN-AP1-EB-01	Total Recoverable	Water	3005A	
MB 705-113691/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 705-113691/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
705-57300-11 MS	WAN-WGWC-14A	Total Recoverable	Water	3005A	
705-57300-11 MSD	WAN-WGWC-14A	Total Recoverable	Water	3005A	

Prep Batch: 113753

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-57300-1	WAN-WGWA-2	Total/NA	Water	3010A	
705-57300-2	WAN-WGWA-3	Total/NA	Water	3010A	
705-57300-3	WAN-WGWA-4	Total/NA	Water	3010A	
705-57300-4	WAN-WGWA-6	Total/NA	Water	3010A	
705-57300-5	WAN-WGWA-7	Total/NA	Water	3010A	
705-57300-6	WAN-WGWA-1	Total/NA	Water	3010A	
705-57300-7	WAN-WGWA-18	Total/NA	Water	3010A	
705-57300-8	WAN-WGWC-10	Total/NA	Water	3010A	
705-57300-9	WAN-WGWC-11	Total/NA	Water	3010A	
705-57300-10	WAN-WGWC-13	Total/NA	Water	3010A	
705-57300-11	WAN-WGWC-14A	Total/NA	Water	3010A	
705-57300-12	WAN-WGWC-15	Total/NA	Water	3010A	
705-57300-13	WAN-WGWC-16	Total/NA	Water	3010A	
705-57300-14	WAN-WGWC-20	Total/NA	Water	3010A	
705-57300-15	WAN-WGWC-24	Total/NA	Water	3010A	
705-57300-16	WAN-WGWC-27	Total/NA	Water	3010A	
705-57300-17	WAN-AP1-FD-01	Total/NA	Water	3010A	
705-57300-18	WAN-AP1-FB-07	Total/NA	Water	3010A	
705-57300-19	WAN-AP1-FB-08	Total/NA	Water	3010A	
705-57300-20	WAN-AP1-EB-01	Total/NA	Water	3010A	
MB 705-113753/1-A	Method Blank	Total/NA	Water	3010A	
LCS 705-113753/2-A	Lab Control Sample	Total/NA	Water	3010A	
705-57300-1 MS	WAN-WGWA-2	Total/NA	Water	3010A	
705-57300-1 MSD	WAN-WGWA-2	Total/NA	Water	3010A	

QC Association Summary

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-57300-1

Metals

Analysis Batch: 114070

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-57300-1	WAN-WGWA-2	Total Recoverable	Water	6020B	113680
705-57300-2	WAN-WGWA-3	Total Recoverable	Water	6020B	113680
705-57300-3	WAN-WGWA-4	Total Recoverable	Water	6020B	113680
705-57300-4	WAN-WGWA-6	Total Recoverable	Water	6020B	113680
705-57300-5	WAN-WGWA-7	Total Recoverable	Water	6020B	113680
705-57300-6	WAN-WGWA-1	Total Recoverable	Water	6020B	113680
705-57300-7	WAN-WGWA-18	Total Recoverable	Water	6020B	113680
705-57300-8	WAN-WGWC-10	Total Recoverable	Water	6020B	113680
705-57300-9	WAN-WGWC-11	Total Recoverable	Water	6020B	113680
705-57300-10	WAN-WGWC-13	Total Recoverable	Water	6020B	113680
MB 705-113680/1-A	Method Blank	Total Recoverable	Water	6020B	113680
LCS 705-113680/2-A	Lab Control Sample	Total Recoverable	Water	6020B	113680
705-57228-A-2-B MS	Matrix Spike	Total Recoverable	Water	6020B	113680
705-57228-A-2-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	6020B	113680

Analysis Batch: 114199

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 705-113680/2-A	Lab Control Sample	Total Recoverable	Water	6020B	113680

Analysis Batch: 114473

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-57300-11	WAN-WGWC-14A	Total Recoverable	Water	6020B	113691
705-57300-12	WAN-WGWC-15	Total Recoverable	Water	6020B	113691
705-57300-13	WAN-WGWC-16	Total Recoverable	Water	6020B	113691
705-57300-14	WAN-WGWC-20	Total Recoverable	Water	6020B	113691
705-57300-15	WAN-WGWC-24	Total Recoverable	Water	6020B	113691
705-57300-16	WAN-WGWC-27	Total Recoverable	Water	6020B	113691
705-57300-17	WAN-AP1-FD-01	Total Recoverable	Water	6020B	113691
705-57300-18	WAN-AP1-FB-07	Total Recoverable	Water	6020B	113691
705-57300-19	WAN-AP1-FB-08	Total Recoverable	Water	6020B	113691
705-57300-20	WAN-AP1-EB-01	Total Recoverable	Water	6020B	113691
MB 705-113691/1-A	Method Blank	Total Recoverable	Water	6020B	113691
LCS 705-113691/2-A	Lab Control Sample	Total Recoverable	Water	6020B	113691
705-57300-11 MS	WAN-WGWC-14A	Total Recoverable	Water	6020B	113691
705-57300-11 MSD	WAN-WGWC-14A	Total Recoverable	Water	6020B	113691

Analysis Batch: 114474

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-57300-1	WAN-WGWA-2	Total Recoverable	Water	6020B	113680
705-57300-2	WAN-WGWA-3	Total Recoverable	Water	6020B	113680
705-57300-3	WAN-WGWA-4	Total Recoverable	Water	6020B	113680
705-57300-4	WAN-WGWA-6	Total Recoverable	Water	6020B	113680
705-57300-5	WAN-WGWA-7	Total Recoverable	Water	6020B	113680
705-57300-6	WAN-WGWA-1	Total Recoverable	Water	6020B	113680
705-57300-7	WAN-WGWA-18	Total Recoverable	Water	6020B	113680
705-57300-8	WAN-WGWC-10	Total Recoverable	Water	6020B	113680
705-57300-9	WAN-WGWC-11	Total Recoverable	Water	6020B	113680
705-57300-10	WAN-WGWC-13	Total Recoverable	Water	6020B	113680

QC Association Summary

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-57300-1

Metals

Analysis Batch: 114682

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-57300-12	WAN-WGWC-15	Total Recoverable	Water	6020B	113691
705-57300-13	WAN-WGWC-16	Total Recoverable	Water	6020B	113691
705-57300-14	WAN-WGWC-20	Total Recoverable	Water	6020B	113691
705-57300-15	WAN-WGWC-24	Total Recoverable	Water	6020B	113691
705-57300-16	WAN-WGWC-27	Total Recoverable	Water	6020B	113691
705-57300-17	WAN-AP1-FD-01	Total Recoverable	Water	6020B	113691

Prep Batch: 114775

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-57300-1	WAN-WGWA-2	Total/NA	Water	7470A	
705-57300-2	WAN-WGWA-3	Total/NA	Water	7470A	
705-57300-3	WAN-WGWA-4	Total/NA	Water	7470A	
705-57300-4	WAN-WGWA-6	Total/NA	Water	7470A	
705-57300-5	WAN-WGWA-7	Total/NA	Water	7470A	
705-57300-6	WAN-WGWA-1	Total/NA	Water	7470A	
705-57300-7	WAN-WGWA-18	Total/NA	Water	7470A	
705-57300-8	WAN-WGWC-10	Total/NA	Water	7470A	
705-57300-9	WAN-WGWC-11	Total/NA	Water	7470A	
705-57300-10	WAN-WGWC-13	Total/NA	Water	7470A	
705-57300-11	WAN-WGWC-14A	Total/NA	Water	7470A	
705-57300-12	WAN-WGWC-15	Total/NA	Water	7470A	
705-57300-13	WAN-WGWC-16	Total/NA	Water	7470A	
705-57300-14	WAN-WGWC-20	Total/NA	Water	7470A	
705-57300-15	WAN-WGWC-24	Total/NA	Water	7470A	
705-57300-16	WAN-WGWC-27	Total/NA	Water	7470A	
705-57300-17	WAN-AP1-FD-01	Total/NA	Water	7470A	
705-57300-18	WAN-AP1-FB-07	Total/NA	Water	7470A	
705-57300-19	WAN-AP1-FB-08	Total/NA	Water	7470A	
705-57300-20	WAN-AP1-EB-01	Total/NA	Water	7470A	
MB 705-114775/1-A	Method Blank	Total/NA	Water	7470A	
LCS 705-114775/2-A	Lab Control Sample	Total/NA	Water	7470A	
705-57300-1 MS	WAN-WGWA-2	Total/NA	Water	7470A	
705-57300-1 MSD	WAN-WGWA-2	Total/NA	Water	7470A	

Analysis Batch: 115132

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-57300-1	WAN-WGWA-2	Total/NA	Water	7470A	114775
705-57300-2	WAN-WGWA-3	Total/NA	Water	7470A	114775
705-57300-3	WAN-WGWA-4	Total/NA	Water	7470A	114775
705-57300-4	WAN-WGWA-6	Total/NA	Water	7470A	114775
705-57300-5	WAN-WGWA-7	Total/NA	Water	7470A	114775
705-57300-6	WAN-WGWA-1	Total/NA	Water	7470A	114775
705-57300-7	WAN-WGWA-18	Total/NA	Water	7470A	114775
705-57300-8	WAN-WGWC-10	Total/NA	Water	7470A	114775
705-57300-9	WAN-WGWC-11	Total/NA	Water	7470A	114775
705-57300-10	WAN-WGWC-13	Total/NA	Water	7470A	114775
705-57300-11	WAN-WGWC-14A	Total/NA	Water	7470A	114775
705-57300-12	WAN-WGWC-15	Total/NA	Water	7470A	114775
705-57300-13	WAN-WGWC-16	Total/NA	Water	7470A	114775
705-57300-14	WAN-WGWC-20	Total/NA	Water	7470A	114775
705-57300-15	WAN-WGWC-24	Total/NA	Water	7470A	114775

Metals (Continued)

Analysis Batch: 115132 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-57300-16	WAN-WGWC-27	Total/NA	Water	7470A	114775
705-57300-17	WAN-AP1-FD-01	Total/NA	Water	7470A	114775
705-57300-18	WAN-AP1-FB-07	Total/NA	Water	7470A	114775
705-57300-19	WAN-AP1-FB-08	Total/NA	Water	7470A	114775
705-57300-20	WAN-AP1-EB-01	Total/NA	Water	7470A	114775
MB 705-114775/1-A	Method Blank	Total/NA	Water	7470A	114775
LCS 705-114775/2-A	Lab Control Sample	Total/NA	Water	7470A	114775
705-57300-1 MS	WAN-WGWA-2	Total/NA	Water	7470A	114775
705-57300-1 MSD	WAN-WGWA-2	Total/NA	Water	7470A	114775

Analysis Batch: 115472

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-57300-1	WAN-WGWA-2	Total/NA	Water	6010D	113753
705-57300-2	WAN-WGWA-3	Total/NA	Water	6010D	113753
705-57300-3	WAN-WGWA-4	Total/NA	Water	6010D	113753
705-57300-4	WAN-WGWA-6	Total/NA	Water	6010D	113753
705-57300-5	WAN-WGWA-7	Total/NA	Water	6010D	113753
705-57300-6	WAN-WGWA-1	Total/NA	Water	6010D	113753
705-57300-7	WAN-WGWA-18	Total/NA	Water	6010D	113753
705-57300-8	WAN-WGWC-10	Total/NA	Water	6010D	113753
705-57300-9	WAN-WGWC-11	Total/NA	Water	6010D	113753
705-57300-10	WAN-WGWC-13	Total/NA	Water	6010D	113753
705-57300-11	WAN-WGWC-14A	Total/NA	Water	6010D	113753
705-57300-12	WAN-WGWC-15	Total/NA	Water	6010D	113753
705-57300-13	WAN-WGWC-16	Total/NA	Water	6010D	113753
705-57300-14	WAN-WGWC-20	Total/NA	Water	6010D	113753
705-57300-15	WAN-WGWC-24	Total/NA	Water	6010D	113753
705-57300-16	WAN-WGWC-27	Total/NA	Water	6010D	113753
705-57300-17	WAN-AP1-FD-01	Total/NA	Water	6010D	113753
705-57300-18	WAN-AP1-FB-07	Total/NA	Water	6010D	113753
705-57300-19	WAN-AP1-FB-08	Total/NA	Water	6010D	113753
705-57300-20	WAN-AP1-EB-01	Total/NA	Water	6010D	113753
MB 705-113753/1-A	Method Blank	Total/NA	Water	6010D	113753
LCS 705-113753/2-A	Lab Control Sample	Total/NA	Water	6010D	113753
705-57300-1 MS	WAN-WGWA-2	Total/NA	Water	6010D	113753
705-57300-1 MSD	WAN-WGWA-2	Total/NA	Water	6010D	113753

Analysis Batch: 116447

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-57300-14	WAN-WGWC-20	Total/NA	Water	6010D	113753

General Chemistry

Analysis Batch: 113747

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-57300-1	WAN-WGWA-2	Total/NA	Water	2540C - 2015	
705-57300-2	WAN-WGWA-3	Total/NA	Water	2540C - 2015	
705-57300-3	WAN-WGWA-4	Total/NA	Water	2540C - 2015	
705-57300-4	WAN-WGWA-6	Total/NA	Water	2540C - 2015	
705-57300-5	WAN-WGWA-7	Total/NA	Water	2540C - 2015	
705-57300-6	WAN-WGWA-1	Total/NA	Water	2540C - 2015	

General Chemistry (Continued)

Analysis Batch: 113747 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-57300-7	WAN-WGWA-18	Total/NA	Water	2540C - 2015	
705-57300-8	WAN-WGWC-10	Total/NA	Water	2540C - 2015	
705-57300-9	WAN-WGWC-11	Total/NA	Water	2540C - 2015	
705-57300-10	WAN-WGWC-13	Total/NA	Water	2540C - 2015	
705-57300-11	WAN-WGWC-14A	Total/NA	Water	2540C - 2015	
705-57300-12	WAN-WGWC-15	Total/NA	Water	2540C - 2015	
705-57300-13	WAN-WGWC-16	Total/NA	Water	2540C - 2015	
MB 705-113747/1	Method Blank	Total/NA	Water	2540C - 2015	
LCS 705-113747/2	Lab Control Sample	Total/NA	Water	2540C - 2015	
705-57064-C-1 DU	Duplicate	Total/NA	Water	2540C - 2015	

Analysis Batch: 113875

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-57300-14	WAN-WGWC-20	Total/NA	Water	2540C - 2015	
705-57300-15	WAN-WGWC-24	Total/NA	Water	2540C - 2015	
705-57300-16	WAN-WGWC-27	Total/NA	Water	2540C - 2015	
705-57300-17	WAN-AP1-FD-01	Total/NA	Water	2540C - 2015	
705-57300-18	WAN-AP1-FB-07	Total/NA	Water	2540C - 2015	
705-57300-19	WAN-AP1-FB-08	Total/NA	Water	2540C - 2015	
705-57300-20	WAN-AP1-EB-01	Total/NA	Water	2540C - 2015	
MB 705-113875/1	Method Blank	Total/NA	Water	2540C - 2015	
LCS 705-113875/2	Lab Control Sample	Total/NA	Water	2540C - 2015	
705-57300-14 DU	WAN-WGWC-20	Total/NA	Water	2540C - 2015	

Prep Batch: 114020

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-57300-1	WAN-WGWA-2	Total/NA	Water	SM 4500 S2 C	
705-57300-2	WAN-WGWA-3	Total/NA	Water	SM 4500 S2 C	
705-57300-3	WAN-WGWA-4	Total/NA	Water	SM 4500 S2 C	
705-57300-4	WAN-WGWA-6	Total/NA	Water	SM 4500 S2 C	
705-57300-5	WAN-WGWA-7	Total/NA	Water	SM 4500 S2 C	
705-57300-6	WAN-WGWA-1	Total/NA	Water	SM 4500 S2 C	
705-57300-7	WAN-WGWA-18	Total/NA	Water	SM 4500 S2 C	
705-57300-8	WAN-WGWC-10	Total/NA	Water	SM 4500 S2 C	
MB 705-114020/1-A	Method Blank	Total/NA	Water	SM 4500 S2 C	
LCS 705-114020/2-A	Lab Control Sample	Total/NA	Water	SM 4500 S2 C	
785-6464-A-1-B MS	Matrix Spike	Total/NA	Water	SM 4500 S2 C	
785-6464-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Water	SM 4500 S2 C	

Prep Batch: 114042

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-57300-9	WAN-WGWC-11	Total/NA	Water	SM 4500 S2 C	
705-57300-10	WAN-WGWC-13	Total/NA	Water	SM 4500 S2 C	
705-57300-11	WAN-WGWC-14A	Total/NA	Water	SM 4500 S2 C	
705-57300-12	WAN-WGWC-15	Total/NA	Water	SM 4500 S2 C	
705-57300-13	WAN-WGWC-16	Total/NA	Water	SM 4500 S2 C	
705-57300-14	WAN-WGWC-20	Total/NA	Water	SM 4500 S2 C	
705-57300-15	WAN-WGWC-24	Total/NA	Water	SM 4500 S2 C	
705-57300-16	WAN-WGWC-27	Total/NA	Water	SM 4500 S2 C	
705-57300-17	WAN-AP1-FD-01	Total/NA	Water	SM 4500 S2 C	
705-57300-18	WAN-AP1-FB-07	Total/NA	Water	SM 4500 S2 C	

General Chemistry (Continued)

Prep Batch: 114042 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-57300-19	WAN-AP1-FB-08	Total/NA	Water	SM 4500 S2 C	
705-57300-20	WAN-AP1-EB-01	Total/NA	Water	SM 4500 S2 C	
MB 705-114042/1-A	Method Blank	Total/NA	Water	SM 4500 S2 C	
LCS 705-114042/2-A	Lab Control Sample	Total/NA	Water	SM 4500 S2 C	
705-57219-E-2-B MS	Matrix Spike	Total/NA	Water	SM 4500 S2 C	
705-57219-E-2-C MSD	Matrix Spike Duplicate	Total/NA	Water	SM 4500 S2 C	

Analysis Batch: 114141

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-57300-1	WAN-WGWA-2	Total/NA	Water	4500 S2 F-2011	114020
705-57300-2	WAN-WGWA-3	Total/NA	Water	4500 S2 F-2011	114020
705-57300-3	WAN-WGWA-4	Total/NA	Water	4500 S2 F-2011	114020
705-57300-4	WAN-WGWA-6	Total/NA	Water	4500 S2 F-2011	114020
705-57300-5	WAN-WGWA-7	Total/NA	Water	4500 S2 F-2011	114020
705-57300-6	WAN-WGWA-1	Total/NA	Water	4500 S2 F-2011	114020
705-57300-7	WAN-WGWA-18	Total/NA	Water	4500 S2 F-2011	114020
705-57300-8	WAN-WGWC-10	Total/NA	Water	4500 S2 F-2011	114020
MB 705-114020/1-A	Method Blank	Total/NA	Water	4500 S2 F-2011	114020
LCS 705-114020/2-A	Lab Control Sample	Total/NA	Water	4500 S2 F-2011	114020
785-6464-A-1-B MS	Matrix Spike	Total/NA	Water	4500 S2 F-2011	114020
785-6464-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Water	4500 S2 F-2011	114020

Analysis Batch: 114211

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-57300-9	WAN-WGWC-11	Total/NA	Water	4500 S2 F-2011	114042
705-57300-10	WAN-WGWC-13	Total/NA	Water	4500 S2 F-2011	114042
705-57300-11	WAN-WGWC-14A	Total/NA	Water	4500 S2 F-2011	114042
705-57300-12	WAN-WGWC-15	Total/NA	Water	4500 S2 F-2011	114042
705-57300-13	WAN-WGWC-16	Total/NA	Water	4500 S2 F-2011	114042
705-57300-14	WAN-WGWC-20	Total/NA	Water	4500 S2 F-2011	114042
705-57300-15	WAN-WGWC-24	Total/NA	Water	4500 S2 F-2011	114042
705-57300-16	WAN-WGWC-27	Total/NA	Water	4500 S2 F-2011	114042
705-57300-17	WAN-AP1-FD-01	Total/NA	Water	4500 S2 F-2011	114042
705-57300-18	WAN-AP1-FB-07	Total/NA	Water	4500 S2 F-2011	114042
705-57300-19	WAN-AP1-FB-08	Total/NA	Water	4500 S2 F-2011	114042
705-57300-20	WAN-AP1-EB-01	Total/NA	Water	4500 S2 F-2011	114042
MB 705-114042/1-A	Method Blank	Total/NA	Water	4500 S2 F-2011	114042
LCS 705-114042/2-A	Lab Control Sample	Total/NA	Water	4500 S2 F-2011	114042
705-57219-E-2-B MS	Matrix Spike	Total/NA	Water	4500 S2 F-2011	114042
705-57219-E-2-C MSD	Matrix Spike Duplicate	Total/NA	Water	4500 S2 F-2011	114042

Analysis Batch: 115332

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-57300-1	WAN-WGWA-2	Total/NA	Water	2320B-2011	
LCS 705-115332/1	Lab Control Sample	Total/NA	Water	2320B-2011	
705-57300-1 DU	WAN-WGWA-2	Total/NA	Water	2320B-2011	

Analysis Batch: 115611

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-57300-3	WAN-WGWA-4	Total/NA	Water	2320B-2011	
705-57300-4	WAN-WGWA-6	Total/NA	Water	2320B-2011	

General Chemistry (Continued)

Analysis Batch: 115611 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-57300-7	WAN-WGWA-18	Total/NA	Water	2320B-2011	
705-57300-8	WAN-WGWC-10	Total/NA	Water	2320B-2011	
705-57300-10	WAN-WGWC-13	Total/NA	Water	2320B-2011	
705-57300-12	WAN-WGWC-15	Total/NA	Water	2320B-2011	
705-57300-16	WAN-WGWC-27	Total/NA	Water	2320B-2011	
LCS 705-115611/1	Lab Control Sample	Total/NA	Water	2320B-2011	

Analysis Batch: 115659

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-57300-2	WAN-WGWA-3	Total/NA	Water	2320B-2011	
705-57300-5	WAN-WGWA-7	Total/NA	Water	2320B-2011	
705-57300-6	WAN-WGWA-1	Total/NA	Water	2320B-2011	
705-57300-9	WAN-WGWC-11	Total/NA	Water	2320B-2011	
705-57300-11	WAN-WGWC-14A	Total/NA	Water	2320B-2011	
705-57300-13	WAN-WGWC-16	Total/NA	Water	2320B-2011	
705-57300-14	WAN-WGWC-20	Total/NA	Water	2320B-2011	
705-57300-15	WAN-WGWC-24	Total/NA	Water	2320B-2011	
705-57300-17	WAN-AP1-FD-01	Total/NA	Water	2320B-2011	
705-57300-18	WAN-AP1-FB-07	Total/NA	Water	2320B-2011	
705-57300-19	WAN-AP1-FB-08	Total/NA	Water	2320B-2011	
705-57300-20	WAN-AP1-EB-01	Total/NA	Water	2320B-2011	
705-57300-2 DU	WAN-WGWA-3	Total/NA	Water	2320B-2011	

Lab Chronicle

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-57300-1

Client Sample ID: WAN-WGWA-2

Lab Sample ID: 705-57300-1
Date Collected: 02/09/26 15:46
Matrix: Water
Date Received: 02/11/26 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	115179	MS	EET ATL 2	02/18/26 15:32
Total/NA	Prep	3010A			113753	TR	EET ATL	02/12/26 11:40
Total/NA	Analysis	6010D		1	115472	DS	EET ATL	02/19/26 14:08
Total Recoverable	Prep	3005A			113680	SA	EET ATL	02/12/26 07:51
Total Recoverable	Analysis	6020B		1	114070	IF	EET ATL	02/12/26 20:02
Total Recoverable	Prep	3005A			113680	SA	EET ATL	02/12/26 07:51
Total Recoverable	Analysis	6020B		10	114474	IF	EET ATL	02/13/26 18:46
Total/NA	Prep	7470A			114775	GR	EET ATL	02/18/26 09:36
Total/NA	Analysis	7470A		1	115132	GR	EET ATL	02/18/26 13:35
Total/NA	Analysis	2320B-2011		1	115332	AH	EET ATL	02/19/26 12:22
Total/NA	Analysis	2540C - 2015		1	113747	NN	EET ATL	02/12/26 11:00
Total/NA	Prep	SM 4500 S2 C			114020	GD	EET ATL	02/13/26 09:32
Total/NA	Analysis	4500 S2 F-2011		1	114141	GD	EET ATL	02/13/26 13:26

Client Sample ID: WAN-WGWA-3

Lab Sample ID: 705-57300-2
Date Collected: 02/09/26 14:53
Matrix: Water
Date Received: 02/11/26 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	115179	MS	EET ATL 2	02/18/26 15:43
Total/NA	Prep	3010A			113753	TR	EET ATL	02/12/26 11:40
Total/NA	Analysis	6010D		1	115472	DS	EET ATL	02/19/26 14:23
Total Recoverable	Prep	3005A			113680	SA	EET ATL	02/12/26 07:51
Total Recoverable	Analysis	6020B		1	114070	IF	EET ATL	02/12/26 20:04
Total Recoverable	Prep	3005A			113680	SA	EET ATL	02/12/26 07:51
Total Recoverable	Analysis	6020B		10	114474	IF	EET ATL	02/13/26 18:49
Total/NA	Prep	7470A			114775	GR	EET ATL	02/18/26 09:36
Total/NA	Analysis	7470A		1	115132	GR	EET ATL	02/18/26 13:45
Total/NA	Analysis	2320B-2011		1	115659	AH	EET ATL	02/20/26 11:44
Total/NA	Analysis	2540C - 2015		1	113747	NN	EET ATL	02/12/26 11:00
Total/NA	Prep	SM 4500 S2 C			114020	GD	EET ATL	02/13/26 09:32
Total/NA	Analysis	4500 S2 F-2011		1	114141	GD	EET ATL	02/13/26 13:26

Client Sample ID: WAN-WGWA-4

Lab Sample ID: 705-57300-3
Date Collected: 02/09/26 13:35
Matrix: Water
Date Received: 02/11/26 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	115179	MS	EET ATL 2	02/18/26 15:55
Total/NA	Prep	3010A			113753	TR	EET ATL	02/12/26 11:40
Total/NA	Analysis	6010D		1	115472	DS	EET ATL	02/19/26 14:26
Total Recoverable	Prep	3005A			113680	SA	EET ATL	02/12/26 07:51
Total Recoverable	Analysis	6020B		1	114070	IF	EET ATL	02/12/26 20:07

Lab Chronicle

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-57300-1

Client Sample ID: WAN-WGWA-4

Lab Sample ID: 705-57300-3

Date Collected: 02/09/26 13:35
Matrix: Water
Date Received: 02/11/26 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			113680	SA	EET ATL	02/12/26 07:51
Total Recoverable	Analysis	6020B		10	114474	IF	EET ATL	02/13/26 18:53
Total/NA	Prep	7470A			114775	GR	EET ATL	02/18/26 09:36
Total/NA	Analysis	7470A		1	115132	GR	EET ATL	02/18/26 13:49
Total/NA	Analysis	2320B-2011		1	115611	AH	EET ATL	02/20/26 11:44
Total/NA	Analysis	2540C - 2015		1	113747	NN	EET ATL	02/12/26 11:00
Total/NA	Prep	SM 4500 S2 C			114020	GD	EET ATL	02/13/26 09:32
Total/NA	Analysis	4500 S2 F-2011		1	114141	GD	EET ATL	02/13/26 13:26

Client Sample ID: WAN-WGWA-6

Lab Sample ID: 705-57300-4

Date Collected: 02/09/26 14:33
Matrix: Water
Date Received: 02/11/26 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	115179	MS	EET ATL 2	02/18/26 16:06
Total/NA	Prep	3010A			113753	TR	EET ATL	02/12/26 11:40
Total/NA	Analysis	6010D		1	115472	DS	EET ATL	02/19/26 14:29
Total Recoverable	Prep	3005A			113680	SA	EET ATL	02/12/26 07:51
Total Recoverable	Analysis	6020B		1	114070	IF	EET ATL	02/12/26 20:33
Total Recoverable	Prep	3005A			113680	SA	EET ATL	02/12/26 07:51
Total Recoverable	Analysis	6020B		10	114474	IF	EET ATL	02/13/26 18:56
Total/NA	Prep	7470A			114775	GR	EET ATL	02/18/26 09:36
Total/NA	Analysis	7470A		1	115132	GR	EET ATL	02/18/26 13:52
Total/NA	Analysis	2320B-2011		1	115611	AH	EET ATL	02/20/26 11:44
Total/NA	Analysis	2540C - 2015		1	113747	NN	EET ATL	02/12/26 11:00
Total/NA	Prep	SM 4500 S2 C			114020	GD	EET ATL	02/13/26 09:32
Total/NA	Analysis	4500 S2 F-2011		1	114141	GD	EET ATL	02/13/26 13:26

Client Sample ID: WAN-WGWA-7

Lab Sample ID: 705-57300-5

Date Collected: 02/09/26 13:53
Matrix: Water
Date Received: 02/11/26 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	115179	MS	EET ATL 2	02/18/26 16:18
Total/NA	Prep	3010A			113753	TR	EET ATL	02/12/26 11:40
Total/NA	Analysis	6010D		1	115472	DS	EET ATL	02/19/26 14:38
Total Recoverable	Prep	3005A			113680	SA	EET ATL	02/12/26 07:51
Total Recoverable	Analysis	6020B		1	114070	IF	EET ATL	02/12/26 20:36
Total Recoverable	Prep	3005A			113680	SA	EET ATL	02/12/26 07:51
Total Recoverable	Analysis	6020B		10	114474	IF	EET ATL	02/13/26 18:59
Total/NA	Prep	7470A			114775	GR	EET ATL	02/18/26 09:36
Total/NA	Analysis	7470A		1	115132	GR	EET ATL	02/18/26 13:56
Total/NA	Analysis	2320B-2011		1	115659	AH	EET ATL	02/20/26 11:44
Total/NA	Analysis	2540C - 2015		1	113747	NN	EET ATL	02/12/26 11:00

Lab Chronicle

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-57300-1

Client Sample ID: WAN-WGWA-7

Lab Sample ID: 705-57300-5

Date Collected: 02/09/26 13:53
Matrix: Water
Date Received: 02/11/26 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	SM 4500 S2 C			114020	GD	EET ATL	02/13/26 09:32
Total/NA	Analysis	4500 S2 F-2011		1	114141	GD	EET ATL	02/13/26 13:26

Client Sample ID: WAN-WGWA-1

Lab Sample ID: 705-57300-6

Date Collected: 02/10/26 10:38
Matrix: Water
Date Received: 02/11/26 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	115179	MS	EET ATL 2	02/18/26 16:29
Total/NA	Prep	3010A			113753	TR	EET ATL	02/12/26 11:40
Total/NA	Analysis	6010D		1	115472	DS	EET ATL	02/19/26 14:41
Total Recoverable	Prep	3005A			113680	SA	EET ATL	02/12/26 07:51
Total Recoverable	Analysis	6020B		1	114070	IF	EET ATL	02/12/26 20:39
Total Recoverable	Prep	3005A			113680	SA	EET ATL	02/12/26 07:51
Total Recoverable	Analysis	6020B		10	114474	IF	EET ATL	02/13/26 19:02
Total/NA	Prep	7470A			114775	GR	EET ATL	02/18/26 09:36
Total/NA	Analysis	7470A		1	115132	GR	EET ATL	02/18/26 13:59
Total/NA	Analysis	2320B-2011		1	115659	AH	EET ATL	02/20/26 11:44
Total/NA	Analysis	2540C - 2015		1	113747	NN	EET ATL	02/12/26 11:00
Total/NA	Prep	SM 4500 S2 C			114020	GD	EET ATL	02/13/26 09:32
Total/NA	Analysis	4500 S2 F-2011		1	114141	GD	EET ATL	02/13/26 13:26

Client Sample ID: WAN-WGWA-18

Lab Sample ID: 705-57300-7

Date Collected: 02/10/26 10:54
Matrix: Water
Date Received: 02/11/26 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	115179	MS	EET ATL 2	02/18/26 16:41
Total/NA	Prep	3010A			113753	TR	EET ATL	02/12/26 11:40
Total/NA	Analysis	6010D		1	115472	DS	EET ATL	02/19/26 14:44
Total Recoverable	Prep	3005A			113680	SA	EET ATL	02/12/26 07:51
Total Recoverable	Analysis	6020B		1	114070	IF	EET ATL	02/12/26 20:41
Total Recoverable	Prep	3005A			113680	SA	EET ATL	02/12/26 07:51
Total Recoverable	Analysis	6020B		10	114474	IF	EET ATL	02/13/26 19:05
Total/NA	Prep	7470A			114775	GR	EET ATL	02/18/26 09:36
Total/NA	Analysis	7470A		1	115132	GR	EET ATL	02/18/26 14:02
Total/NA	Analysis	2320B-2011		1	115611	AH	EET ATL	02/20/26 11:44
Total/NA	Analysis	2540C - 2015		1	113747	NN	EET ATL	02/12/26 11:00
Total/NA	Prep	SM 4500 S2 C			114020	GD	EET ATL	02/13/26 09:32
Total/NA	Analysis	4500 S2 F-2011		1	114141	GD	EET ATL	02/13/26 13:26

Lab Chronicle

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-57300-1

Client Sample ID: WAN-WGWC-10

Lab Sample ID: 705-57300-8
Date Collected: 02/10/26 12:21
Matrix: Water
Date Received: 02/11/26 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	115179	MS	EET ATL 2	02/18/26 16:52
Total/NA	Prep	3010A			113753	TR	EET ATL	02/12/26 11:40
Total/NA	Analysis	6010D		1	115472	DS	EET ATL	02/19/26 14:47
Total Recoverable	Prep	3005A			113680	SA	EET ATL	02/12/26 07:51
Total Recoverable	Analysis	6020B		1	114070	IF	EET ATL	02/12/26 20:44
Total Recoverable	Prep	3005A			113680	SA	EET ATL	02/12/26 07:51
Total Recoverable	Analysis	6020B		10	114474	IF	EET ATL	02/13/26 19:08
Total/NA	Prep	7470A			114775	GR	EET ATL	02/18/26 09:36
Total/NA	Analysis	7470A		1	115132	GR	EET ATL	02/18/26 14:06
Total/NA	Analysis	2320B-2011		1	115611	AH	EET ATL	02/20/26 11:44
Total/NA	Analysis	2540C - 2015		1	113747	NN	EET ATL	02/12/26 11:00
Total/NA	Prep	SM 4500 S2 C			114020	GD	EET ATL	02/13/26 09:32
Total/NA	Analysis	4500 S2 F-2011		1	114141	GD	EET ATL	02/13/26 13:26

Client Sample ID: WAN-WGWC-11

Lab Sample ID: 705-57300-9
Date Collected: 02/10/26 16:03
Matrix: Water
Date Received: 02/11/26 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	115179	MS	EET ATL 2	02/18/26 17:04
Total/NA	Prep	3010A			113753	TR	EET ATL	02/12/26 11:40
Total/NA	Analysis	6010D		1	115472	DS	EET ATL	02/19/26 16:13
Total Recoverable	Prep	3005A			113680	SA	EET ATL	02/12/26 07:51
Total Recoverable	Analysis	6020B		1	114070	IF	EET ATL	02/12/26 20:47
Total Recoverable	Prep	3005A			113680	SA	EET ATL	02/12/26 07:51
Total Recoverable	Analysis	6020B		10	114474	IF	EET ATL	02/13/26 19:11
Total/NA	Prep	7470A			114775	GR	EET ATL	02/18/26 09:36
Total/NA	Analysis	7470A		1	115132	GR	EET ATL	02/18/26 14:16
Total/NA	Analysis	2320B-2011		1	115659	AH	EET ATL	02/20/26 11:44
Total/NA	Analysis	2540C - 2015		1	113747	NN	EET ATL	02/12/26 11:00
Total/NA	Prep	SM 4500 S2 C			114042	GD	EET ATL	02/13/26 10:11
Total/NA	Analysis	4500 S2 F-2011		1	114211	GD	EET ATL	02/13/26 17:57

Client Sample ID: WAN-WGWC-13

Lab Sample ID: 705-57300-10
Date Collected: 02/10/26 14:00
Matrix: Water
Date Received: 02/11/26 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	115179	MS	EET ATL 2	02/18/26 17:15
Total/NA	Prep	3010A			113753	TR	EET ATL	02/12/26 11:40
Total/NA	Analysis	6010D		1	115472	DS	EET ATL	02/19/26 16:16
Total Recoverable	Prep	3005A			113680	SA	EET ATL	02/12/26 07:51
Total Recoverable	Analysis	6020B		1	114070	IF	EET ATL	02/12/26 20:49

Lab Chronicle

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-57300-1

Client Sample ID: WAN-WGWC-13

Lab Sample ID: 705-57300-10

Date Collected: 02/10/26 14:00
Matrix: Water
Date Received: 02/11/26 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			113680	SA	EET ATL	02/12/26 07:51
Total Recoverable	Analysis	6020B		10	114474	IF	EET ATL	02/13/26 19:36
Total/NA	Prep	7470A			114775	GR	EET ATL	02/18/26 09:36
Total/NA	Analysis	7470A		1	115132	GR	EET ATL	02/18/26 14:20
Total/NA	Analysis	2320B-2011		1	115611	AH	EET ATL	02/20/26 11:44
Total/NA	Analysis	2540C - 2015		1	113747	NN	EET ATL	02/12/26 11:00
Total/NA	Prep	SM 4500 S2 C			114042	GD	EET ATL	02/13/26 10:11
Total/NA	Analysis	4500 S2 F-2011		1	114211	GD	EET ATL	02/13/26 17:57

Client Sample ID: WAN-WGWC-14A

Lab Sample ID: 705-57300-11

Date Collected: 02/10/26 12:27
Matrix: Water
Date Received: 02/11/26 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	115179	MS	EET ATL 2	02/18/26 18:02
Total/NA	Prep	3010A			113753	TR	EET ATL	02/12/26 11:40
Total/NA	Analysis	6010D		1	115472	DS	EET ATL	02/19/26 16:19
Total Recoverable	Prep	3005A			113691	SA	EET ATL	02/12/26 08:38
Total Recoverable	Analysis	6020B		1	114473	IF	EET ATL	02/13/26 15:20
Total/NA	Prep	7470A			114775	GR	EET ATL	02/18/26 09:36
Total/NA	Analysis	7470A		1	115132	GR	EET ATL	02/18/26 14:23
Total/NA	Analysis	2320B-2011		1	115659	AH	EET ATL	02/20/26 11:44
Total/NA	Analysis	2540C - 2015		1	113747	NN	EET ATL	02/12/26 11:00
Total/NA	Prep	SM 4500 S2 C			114042	GD	EET ATL	02/13/26 10:11
Total/NA	Analysis	4500 S2 F-2011		1	114211	GD	EET ATL	02/13/26 17:57

Client Sample ID: WAN-WGWC-15

Lab Sample ID: 705-57300-12

Date Collected: 02/10/26 12:55
Matrix: Water
Date Received: 02/11/26 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	115179	MS	EET ATL 2	02/18/26 18:13
Total/NA	Prep	3010A			113753	TR	EET ATL	02/12/26 11:40
Total/NA	Analysis	6010D		1	115472	DS	EET ATL	02/19/26 16:22
Total Recoverable	Prep	3005A			113691	SA	EET ATL	02/12/26 08:38
Total Recoverable	Analysis	6020B		1	114473	IF	EET ATL	02/13/26 20:00
Total Recoverable	Prep	3005A			113691	SA	EET ATL	02/12/26 08:38
Total Recoverable	Analysis	6020B		1	114682	IF	EET ATL	02/16/26 16:06
Total/NA	Prep	7470A			114775	GR	EET ATL	02/18/26 09:36
Total/NA	Analysis	7470A		1	115132	GR	EET ATL	02/18/26 14:27
Total/NA	Analysis	2320B-2011		1	115611	AH	EET ATL	02/20/26 11:44
Total/NA	Analysis	2540C - 2015		1	113747	NN	EET ATL	02/12/26 11:00
Total/NA	Prep	SM 4500 S2 C			114042	GD	EET ATL	02/13/26 10:11
Total/NA	Analysis	4500 S2 F-2011		1	114211	GD	EET ATL	02/13/26 17:57

Lab Chronicle

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-57300-1

Client Sample ID: WAN-WGWC-16

Lab Sample ID: 705-57300-13

Date Collected: 02/10/26 14:32
Date Received: 02/11/26 15:30

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	115179	MS	EET ATL 2	02/18/26 19:11
Total/NA	Prep	3010A			113753	TR	EET ATL	02/12/26 11:40
Total/NA	Analysis	6010D		1	115472	DS	EET ATL	02/19/26 16:24
Total Recoverable	Prep	3005A			113691	SA	EET ATL	02/12/26 08:38
Total Recoverable	Analysis	6020B		1	114473	IF	EET ATL	02/13/26 20:05
Total Recoverable	Prep	3005A			113691	SA	EET ATL	02/12/26 08:38
Total Recoverable	Analysis	6020B		1	114682	IF	EET ATL	02/16/26 16:09
Total/NA	Prep	7470A			114775	GR	EET ATL	02/18/26 09:36
Total/NA	Analysis	7470A		1	115132	GR	EET ATL	02/18/26 14:30
Total/NA	Analysis	2320B-2011		1	115659	AH	EET ATL	02/20/26 11:44
Total/NA	Analysis	2540C - 2015		1	113747	NN	EET ATL	02/12/26 11:00
Total/NA	Prep	SM 4500 S2 C			114042	GD	EET ATL	02/13/26 10:11
Total/NA	Analysis	4500 S2 F-2011		1	114211	GD	EET ATL	02/13/26 17:57

Client Sample ID: WAN-WGWC-20

Lab Sample ID: 705-57300-14

Date Collected: 02/10/26 15:25
Date Received: 02/11/26 15:30

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		10	115312	MS	EET ATL	02/19/26 19:45
Total/NA	Analysis	300.0		1	115179	MS	EET ATL 2	02/18/26 19:46
Total/NA	Prep	3010A			113753	TR	EET ATL	02/12/26 11:40
Total/NA	Analysis	6010D		1	115472	DS	EET ATL	02/19/26 16:33
Total/NA	Prep	3010A			113753	TR	EET ATL	02/12/26 11:40
Total/NA	Analysis	6010D		1	116447	DS	EET ATL	02/25/26 09:21
Total Recoverable	Prep	3005A			113691	SA	EET ATL	02/12/26 08:38
Total Recoverable	Analysis	6020B		1	114473	IF	EET ATL	02/13/26 20:08
Total Recoverable	Prep	3005A			113691	SA	EET ATL	02/12/26 08:38
Total Recoverable	Analysis	6020B		1	114682	IF	EET ATL	02/16/26 16:12
Total/NA	Prep	7470A			114775	GR	EET ATL	02/18/26 09:36
Total/NA	Analysis	7470A		1	115132	GR	EET ATL	02/18/26 14:34
Total/NA	Analysis	2320B-2011		1	115659	AH	EET ATL	02/20/26 11:44
Total/NA	Analysis	2540C - 2015		1	113875	AGA	EET ATL	02/12/26 16:45
Total/NA	Prep	SM 4500 S2 C			114042	GD	EET ATL	02/13/26 10:11
Total/NA	Analysis	4500 S2 F-2011		1	114211	GD	EET ATL	02/13/26 17:57

Client Sample ID: WAN-WGWC-24

Lab Sample ID: 705-57300-15

Date Collected: 02/10/26 11:10
Date Received: 02/11/26 15:30

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	115179	MS	EET ATL 2	02/18/26 20:32
Total/NA	Prep	3010A			113753	TR	EET ATL	02/12/26 11:40
Total/NA	Analysis	6010D		1	115472	DS	EET ATL	02/19/26 16:36

Lab Chronicle

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-57300-1

Client Sample ID: WAN-WGWC-24

Lab Sample ID: 705-57300-15

Date Collected: 02/10/26 11:10
Date Received: 02/11/26 15:30

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			113691	SA	EET ATL	02/12/26 08:38
Total Recoverable	Analysis	6020B		1	114473	IF	EET ATL	02/13/26 20:14
Total Recoverable	Prep	3005A			113691	SA	EET ATL	02/12/26 08:38
Total Recoverable	Analysis	6020B		1	114682	IF	EET ATL	02/16/26 16:14
Total/NA	Prep	7470A			114775	GR	EET ATL	02/18/26 09:36
Total/NA	Analysis	7470A		1	115132	GR	EET ATL	02/18/26 14:37
Total/NA	Analysis	2320B-2011		1	115659	AH	EET ATL	02/20/26 11:44
Total/NA	Analysis	2540C - 2015		1	113875	AGA	EET ATL	02/12/26 16:45
Total/NA	Prep	SM 4500 S2 C			114042	GD	EET ATL	02/13/26 10:11
Total/NA	Analysis	4500 S2 F-2011		1	114211	GD	EET ATL	02/13/26 17:57

Client Sample ID: WAN-WGWC-27

Lab Sample ID: 705-57300-16

Date Collected: 02/10/26 15:13
Date Received: 02/11/26 15:30

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	115179	MS	EET ATL 2	02/18/26 20:43
Total/NA	Prep	3010A			113753	TR	EET ATL	02/12/26 11:40
Total/NA	Analysis	6010D		1	115472	DS	EET ATL	02/19/26 16:39
Total Recoverable	Prep	3005A			113691	SA	EET ATL	02/12/26 08:38
Total Recoverable	Analysis	6020B		1	114473	IF	EET ATL	02/13/26 20:16
Total Recoverable	Prep	3005A			113691	SA	EET ATL	02/12/26 08:38
Total Recoverable	Analysis	6020B		1	114682	IF	EET ATL	02/16/26 16:17
Total/NA	Prep	7470A			114775	GR	EET ATL	02/18/26 09:36
Total/NA	Analysis	7470A		1	115132	GR	EET ATL	02/18/26 14:40
Total/NA	Analysis	2320B-2011		1	115611	AH	EET ATL	02/20/26 11:44
Total/NA	Analysis	2540C - 2015		1	113875	AGA	EET ATL	02/12/26 16:45
Total/NA	Prep	SM 4500 S2 C			114042	GD	EET ATL	02/13/26 10:11
Total/NA	Analysis	4500 S2 F-2011		1	114211	GD	EET ATL	02/13/26 17:57

Client Sample ID: WAN-AP1-FD-01

Lab Sample ID: 705-57300-17

Date Collected: 02/10/26 00:00
Date Received: 02/11/26 15:30

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	115179	MS	EET ATL 2	02/18/26 20:55
Total/NA	Prep	3010A			113753	TR	EET ATL	02/12/26 11:40
Total/NA	Analysis	6010D		1	115472	DS	EET ATL	02/19/26 16:42
Total Recoverable	Prep	3005A			113691	SA	EET ATL	02/12/26 08:38
Total Recoverable	Analysis	6020B		1	114473	IF	EET ATL	02/13/26 20:19
Total Recoverable	Prep	3005A			113691	SA	EET ATL	02/12/26 08:38
Total Recoverable	Analysis	6020B		1	114682	IF	EET ATL	02/16/26 16:19
Total/NA	Prep	7470A			114775	GR	EET ATL	02/18/26 09:36
Total/NA	Analysis	7470A		1	115132	GR	EET ATL	02/18/26 14:44

Lab Chronicle

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-57300-1

Client Sample ID: WAN-AP1-FD-01

Lab Sample ID: 705-57300-17

Date Collected: 02/10/26 00:00
Matrix: Water
Date Received: 02/11/26 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	2320B-2011		1	115659	AH	EET ATL	02/20/26 11:44
Total/NA	Analysis	2540C - 2015		1	113875	AGA	EET ATL	02/12/26 16:45
Total/NA	Prep	SM 4500 S2 C			114042	GD	EET ATL	02/13/26 10:11
Total/NA	Analysis	4500 S2 F-2011		1	114211	GD	EET ATL	02/13/26 17:57

Client Sample ID: WAN-AP1-FB-07

Lab Sample ID: 705-57300-18

Date Collected: 02/10/26 11:30
Matrix: Water
Date Received: 02/11/26 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	115179	MS	EET ATL 2	02/18/26 21:07
Total/NA	Prep	3010A			113753	TR	EET ATL	02/12/26 11:40
Total/NA	Analysis	6010D		1	115472	DS	EET ATL	02/19/26 16:45
Total Recoverable	Prep	3005A			113691	SA	EET ATL	02/12/26 08:38
Total Recoverable	Analysis	6020B		1	114473	IF	EET ATL	02/13/26 20:22
Total/NA	Prep	7470A			114775	GR	EET ATL	02/18/26 09:36
Total/NA	Analysis	7470A		1	115132	GR	EET ATL	02/18/26 14:47
Total/NA	Analysis	2320B-2011		1	115659	AH	EET ATL	02/20/26 11:44
Total/NA	Analysis	2540C - 2015		1	113875	AGA	EET ATL	02/12/26 16:45
Total/NA	Prep	SM 4500 S2 C			114042	GD	EET ATL	02/13/26 10:11
Total/NA	Analysis	4500 S2 F-2011		1	114211	GD	EET ATL	02/13/26 17:57

Client Sample ID: WAN-AP1-FB-08

Lab Sample ID: 705-57300-19

Date Collected: 02/10/26 15:45
Matrix: Water
Date Received: 02/11/26 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	115179	MS	EET ATL 2	02/18/26 21:18
Total/NA	Prep	3010A			113753	TR	EET ATL	02/12/26 11:40
Total/NA	Analysis	6010D		1	115472	DS	EET ATL	02/19/26 16:48
Total Recoverable	Prep	3005A			113691	SA	EET ATL	02/12/26 08:38
Total Recoverable	Analysis	6020B		1	114473	IF	EET ATL	02/13/26 20:24
Total/NA	Prep	7470A			114775	GR	EET ATL	02/18/26 09:36
Total/NA	Analysis	7470A		1	115132	GR	EET ATL	02/18/26 15:01
Total/NA	Analysis	2320B-2011		1	115659	AH	EET ATL	02/20/26 11:44
Total/NA	Analysis	2540C - 2015		1	113875	AGA	EET ATL	02/12/26 16:45
Total/NA	Prep	SM 4500 S2 C			114042	GD	EET ATL	02/13/26 10:11
Total/NA	Analysis	4500 S2 F-2011		1	114211	GD	EET ATL	02/13/26 17:57

Lab Chronicle

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-57300-1

Client Sample ID: WAN-AP1-EB-01

Lab Sample ID: 705-57300-20

Date Collected: 02/10/26 13:10

Matrix: Water

Date Received: 02/11/26 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	115179	MS	EET ATL 2	02/18/26 21:30
Total/NA	Prep	3010A			113753	TR	EET ATL	02/12/26 11:40
Total/NA	Analysis	6010D		1	115472	DS	EET ATL	02/19/26 16:51
Total Recoverable	Prep	3005A			113691	SA	EET ATL	02/12/26 08:38
Total Recoverable	Analysis	6020B		1	114473	IF	EET ATL	02/13/26 20:48
Total/NA	Prep	7470A			114775	GR	EET ATL	02/18/26 09:36
Total/NA	Analysis	7470A		1	115132	GR	EET ATL	02/18/26 15:05
Total/NA	Analysis	2320B-2011		1	115659	AH	EET ATL	02/20/26 11:44
Total/NA	Analysis	2540C - 2015		1	113875	AGA	EET ATL	02/12/26 16:45
Total/NA	Prep	SM 4500 S2 C			114042	GD	EET ATL	02/13/26 10:11
Total/NA	Analysis	4500 S2 F-2011		1	114211	GD	EET ATL	02/13/26 17:57

Laboratory References:

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

EET ATL 2 = Eurofins Atlanta Building A, 3080 Presidential Pkwy, Atlanta, GA 30340, TEL (770)457-8177

Accreditation/Certification Summary

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-57300-1

Laboratory: Eurofins Atlanta

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

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

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Robert (Trey) Singleton
Southern Company
3535 Colonnade Parkway
Bin S 530 EC
Birmingham, Alabama 35243

Generated 3/19/2026 3:47:11 PM

JOB DESCRIPTION

Plant Wansley - Ash Pond

JOB NUMBER

705-57300-2

Eurofins Atlanta
3080 Presidential Dr
Atlanta GA 30340

See page two for job notes and contact information.

my EOL

Eurofins Atlanta

Job Notes

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

Authorization

Generated
3/19/2026 3:47:11 PM

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

Sample Summary

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-57300-2

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
705-57300-1	WAN-WGWA-2	Water	02/09/26 15:46	02/11/26 15:30	Georgia (St)
705-57300-2	WAN-WGWA-3	Water	02/09/26 14:53	02/11/26 15:30	Georgia (St)
705-57300-3	WAN-WGWA-4	Water	02/09/26 13:35	02/11/26 15:30	Georgia (St)
705-57300-4	WAN-WGWA-6	Water	02/09/26 14:33	02/11/26 15:30	Georgia (St)
705-57300-5	WAN-WGWA-7	Water	02/09/26 13:53	02/11/26 15:30	Georgia (St)
705-57300-6	WAN-WGWA-1	Water	02/10/26 10:38	02/11/26 15:30	Georgia (St)
705-57300-7	WAN-WGWA-18	Water	02/10/26 10:54	02/11/26 15:30	Georgia (St)
705-57300-8	WAN-WGWC-10	Water	02/10/26 12:21	02/11/26 15:30	Georgia (St)
705-57300-9	WAN-WGWC-11	Water	02/10/26 16:03	02/11/26 15:30	Georgia (St)
705-57300-10	WAN-WGWC-13	Water	02/10/26 14:00	02/11/26 15:30	Georgia (St)
705-57300-11	WAN-WGWC-14A	Water	02/10/26 12:27	02/11/26 15:30	Georgia (St)
705-57300-12	WAN-WGWC-15	Water	02/10/26 12:55	02/11/26 15:30	Georgia (St)
705-57300-13	WAN-WGWC-16	Water	02/10/26 14:32	02/11/26 15:30	Georgia (St)
705-57300-14	WAN-WGWC-20	Water	02/10/26 15:25	02/11/26 15:30	Georgia (St)
705-57300-15	WAN-WGWC-24	Water	02/10/26 11:10	02/11/26 15:30	Georgia (St)
705-57300-16	WAN-WGWC-27	Water	02/10/26 15:13	02/11/26 15:30	Georgia (St)
705-57300-17	WAN-AP1-FD-01	Water	02/10/26 00:00	02/11/26 15:30	Georgia (St)
705-57300-18	WAN-AP1-FB-07	Water	02/10/26 11:30	02/11/26 15:30	Georgia (St)
705-57300-19	WAN-AP1-FB-08	Water	02/10/26 15:45	02/11/26 15:30	Georgia (St)
705-57300-20	WAN-AP1-EB-01	Water	02/10/26 13:10	02/11/26 15:30	Georgia (St)

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

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: H. Auld, T. Goble, D. Johnson (ACC)	Lab PM: David Fuller / Phone: 770-344-8986	Carrier Tracking No(s):	COC No:
Client Contact: SCS Contacts	Phone: 770-594-5998	E-Mail: David.Fuller@ET.EurofinsUS.com		Page: 1 of 2
Company: GA Power				Job #:
Address: 241 Ralph McGill Blvd SE	Due Date Requested:			
City: Atlanta	TAT Requested (days):			
State, Zip: GA, 30308				
Phone: 404-506-7116(Tel)	Lab Project #: 70504536			
Email: SCS Contacts / Geosyntec Contacts	PO #: GPC82130-0004 / PO Line #1			
Project Name: Plant Wansley Ash Pond	Project #:			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
A - HCL
B - NaOH
C - Zn Aceta
D - Nitric Aci
E - NaHSO4
F - MeOH
G - Amchlor
H - Ascorbi
I - Ice
J - DI Wate
K - EDTA
L - EDA
M - Hexane
N - None
Z - other (specify)
Other:

705-57300 COC

Task_Code: WAN-CCR-ASSMT-2026S1

Sample Identification	Sample Date (mm/dd/yy)	Sample Time (hhmm)	Sample Type (C=comp, G=grab)	Matrix (WG=ground water, WS=surface water, WQ=quality control)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D - Chloride, Fluoride, Sulfate	2540C_Calcd - Total Dissolved Solids (TDS)	6010D- App III Metals: B, Ca	6020B - App IV Metals: Sb,As,Ba,Be,Cd,Cr,Co,Pb,Mo,Se,Tl	6010D - Lithium	7470A - App IV Mercury	9315_Ra226 - Radium-226 (GFPC) - 21 day decay	9320_Ra228 - Radium-228 (GFPC) - 21 day decay	Ra226Ra228_GFPC - Combined Radium 226 and 228	Major Ions - Carbonate, Bicarbonate, Total Alkalinity	Major Ions - Sulfide	Major Ions - Fe, Mg, Mn, K, Na		Total Number of containers	Special Instructions/Note:
			Preservation Code:				I	I	D	D	D	D	D	D	D	I	B, C	D			
WAN- WGWA-2	02/09/26	1546	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		6	
WAN- WGWA-3	02/09/26	1453	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		6	
WAN- WGWA-4	02/09/26	1335	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		6	
WAN- WGWA-6	02/09/26	1433	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		6	
WAN- WGWA-7	02/09/26	1353	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		6	
WAN- WGWA-1	02/10/26	1038	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		6	
WAN- WGWA-18	02/10/26	1054	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		6	
WAN- WGWC-10	02/10/26	1221	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		6	
WAN- WGWC-11	02/10/26	1603	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		6	
WAN- WGWC-13	02/10/26	1400	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		6	
WAN- WGWC-14A	02/10/26	1227	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		6	

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

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

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

Special Instructions/QC Requirements:

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

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
[signature]	2-11-26/1240	ACC	[signature]	2/11/26 1240	ACC
[signature]	2/11/26 1530	ACC	[signature]	2-11-26 1530	

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:
		cl #2665 0.2, 1.6, 2.0, 1.5 2.1 1.7

Ver: 01/16/2019

3/19/2026

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

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: H. Auld, D. Johnson, T. Goble (ACC)	Lab PM: David Fuller / Phone: 770-344-8986	Carrier Tracking No(s):	COC No:
Client Contact: SCS Contacts	Phone: 770-594-5998	E-Mail: David.Fuller@ET.EurofinsUS.com		Page: 2 of 2
Company: GA Power				Job #:
Address: 241 Ralph McGill Blvd SE	Due Date Requested:			
City: Atlanta	TAT Requested (days):			
State, Zip: GA, 30308				
Phone: 404-506-7116(Tel)	Lab Project #: 70504536			
Email: SCS Contacts / Geosyntec Contacts	PO #: GPC82130-0004 / PO Line #1			
Project Name: Plant Wansley Ash Pond	Project #:			
Site:	SSOW#:			

Analysis Requested

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

Task_Code: WAN-CCR-ASSMT-2026S1

Sample Identification	Sample Date (mm/dd/yy)	Sample Time (hhmm)	Sample Type (C=Comp, G=grab)	Matrix (WG=ground water, WS=surface water, WQ=quality control)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D - Chloride, Fluoride, Sulfate	2540C_Calcd - Total Dissolved Solids (TDS)	6010D- App III Metals: B, Ca	6020B - App IV Metals: Sb,As,Ba,Be,Cd,Cr,Co,Pb,Mo,Se,Tl	6010D - Lithium	7470A - App IV Mercury	9315_Ra226 - Radium-226 (GFPC) - 21 day decay	9320_Ra228 - Radium-228 (GFPC) - 21 day decay	Ra226Ra228_GFPC - Combined Radium 226 and 228	Major Ions - Carbonate, Bicarbonate, Total Alkalinity	Major Ions - Sulfide	Major Ions - Fe, Mg, Mn, K, Na		Total Number of containers	Special Instructions/Note:
			Preservation Code:				I	I	D	D	D	D	D	D	D	I	B, C	D			
WAN- WGWC-15	02/10/26	1255	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		6	
WAN- WGWC-16	02/10/26	1432	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		6	
WAN- WGWC-20	02/10/26	1525	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		6	
WAN- WGWC-24	02/10/26	1110	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		6	
WAN- WGWC-27	02/10/26	1513	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		6	
WAN- API-FD-01	02/10/26	—	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		6	
WAN- API-FB-07	02/10/26	1130	G	WQ	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		6	
WAN- API-FB-08	02/10/26	1545	G	WQ	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		6	
WAN- API-EB-01	02/10/26	1310	G	WQ	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		6	
WAN-			G		N	N															
WAN-			G		N	N															

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

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

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

Special Instructions/QC Requirements:

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

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
[signature]	2-11-26/1240	ACC	[signature]	2/11/26 1240	ACC
[signature]	2/11/26 1530	ACC	[signature]	2-11-26 1530	

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: Cl #2665 0.2 1.6 2.0 1.5 2.1 1.2

Ver: 01/16/2019 3/19/2026

Eurofins Atlanta
3080 Presidential Dr
Atlanta, GA 30340
Phone: 770-457-8177 Fax: 770-457-8188

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Fuller, David	Carrier Tracking No(s): N/A	COC No: 705-102994.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: David.Fuller@et.eurofinsus.com	State of Origin: Georgia	Page: Page 1 of 3
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note): NELAP - Florida; State - Georgia		Job #: 705-57300-2
Address: 13715 Rider Trail North, ,	Due Date Requested: 3/17/2026			Preservation Codes: -
City: Earth City	TAT Requested (days): N/A			
State, Zip: MO, 63045				
Phone: 314-298-8566(Tel) 314-298-8757(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Plant Wansley - Ash Pond	Project #: 70504536			
Site: N/A	SSOW#: N/A			Other: N/A

Analysis Requested

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	9315_Ra226/PrecSep_21Radium-226 (GFPC) - 21 day decay	9320_Ra228/PrecSep_0Radium-228 (GFPC) - 21 day decay	Ra226Ra228_GFPCCombined Radium-226 and Radium-228	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
WAN-WGWA-2 (705-57300-1)	2/9/26	15:46 Eastern	G	Water			X	X	X	2	
WAN-WGWA-3 (705-57300-2)	2/9/26	14:53 Eastern	G	Water			X	X	X	2	
WAN-WGWA-4 (705-57300-3)	2/9/26	13:35 Eastern	G	Water			X	X	X	2	
WAN-WGWA-6 (705-57300-4)	2/9/26	14:33 Eastern	G	Water			X	X	X	2	
WAN-WGWA-7 (705-57300-5)	2/9/26	13:53 Eastern	G	Water			X	X	X	2	
WAN-WGWA-1 (705-57300-6)	2/10/26	10:38 Eastern	G	Water			X	X	X	2	
WAN-WGWA-18 (705-57300-7)	2/10/26	10:54 Eastern	G	Water			X	X	X	2	
WAN-WGWC-10 (705-57300-8)	2/10/26	12:21 Eastern	G	Water			X	X	X	2	
WAN-WGWC-11 (705-57300-9)	2/10/26	16:03 Eastern	G	Water			X	X	X	2	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Southeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Southeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Southeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Southeast, LLC.

Possible Hazard Identification *Unconfirmed*	***Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*** ☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

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

Relinquished by:	Date/Time: 2/12/26 400	Company	Received by: M. Pinette	Date/Time: FEB 13 2026 0900	Company
Relinquished by:	Date/Time:	Company	Received by: Meadow Pinette	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

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

Ver: 10/10/2024

Eurofins Atlanta
3080 Presidential Dr
Atlanta, GA 30340
Phone: 770-457-8177 Fax: 770-457-8188

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Fuller, David	Carrier Tracking No(s): N/A	COC No: 705-102994.2
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: David.Fuller@et.eurofinsus.com	State of Origin: Georgia	Page: Page 2 of 3
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note): NELAP - Florida; State - Georgia		Job #: 705-57300-2
Address: 13715 Rider Trail North, ,	Due Date Requested: 3/17/2026			Preservation Codes: -
City: Earth City	TAT Requested (days): N/A			
State, Zip: MO, 63045				
Phone: 314-298-8566(Tel) 314-298-8757(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Plant Wansley - Ash Pond	Project #: 70504536			
Site: N/A	SSOW#: N/A			Other: N/A

Analysis Requested

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	9315_Ra226/PrecSep_21Radium-226 (GFPC) - 21 day decay	9320_Ra228/PrecSep_0Radium-228 (GFPC) - 21 day decay	Ra226Ra228_GFPCCombined Radium-226 and Radium-228	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
WAN-WGWC-13 (705-57300-10)	2/10/26	14:00 Eastern	G	Water			X	X	X	2	
WAN-WGWC-14A (705-57300-11)	2/10/26	12:27 Eastern	G	Water			X	X	X	2	
WAN-WGWC-15 (705-57300-12)	2/10/26	12:55 Eastern	G	Water			X	X	X	2	
WAN-WGWC-16 (705-57300-13)	2/10/26	14:32 Eastern	G	Water			X	X	X	2	
WAN-WGWC-20 (705-57300-14)	2/10/26	15:25 Eastern	G	Water			X	X	X	2	
WAN-WGWC-24 (705-57300-15)	2/10/26	11:10 Eastern	G	Water			X	X	X	2	
WAN-WGWC-27 (705-57300-16)	2/10/26	15:13 Eastern	G	Water			X	X	X	2	
WAN-AP1-FD-01 (705-57300-17)	2/10/26	Eastern	G	Water			X	X	X	2	
WAN-AP1-FB-07 (705-57300-18)	2/10/26	11:30 Eastern	G	Water			X	X	X	2	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Southeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Southeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Southeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Southeast, LLC.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

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

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
[signature]	02/12/26 17:00		M. Pinette	FEB 13 2026 0900	
Relinquished by:	Date/Time:	Company	Received by: Meadow Pinette	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

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

Ver: 10/10/2024

Eurofins Atlanta
3080 Presidential Dr
Atlanta, GA 30340
Phone: 770-457-8177 Fax: 770-457-8188

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Fuller, David	Carrier Tracking No(s): N/A	COC No: 705-102994.3
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: David.Fuller@et.eurofinsus.com	State of Origin: Georgia	Page: Page 3 of 3
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note): NELAP - Florida; State - Georgia		Job #: 705-57300-2
Address: 13715 Rider Trail North, ,	Due Date Requested: 3/17/2026			Preservation Codes: -
City: Earth City	TAT Requested (days): N/A			
State, Zip: MO, 63045				
Phone: 314-298-8566(Tel) 314-298-8757(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Plant Wansley - Ash Pond	Project #: 70504536			
Site: N/A	SSOW#: N/A			Other: N/A

Analysis Requested

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	9315_Ra226/PrecSep_21Radium-226 (GFPC) - 21 day decay	9320_Ra228/PrecSep_0Radium-228 (GFPC) - 21 day decay	Ra226Ra228_GFPCCombined Radium-226 and Radium-228	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
WAN-AP1-FB-08 (705-57300-19)	2/10/26	15:45 Eastern	G	Water			X	X	X	2	
WAN-AP1-EB-01 (705-57300-20)	2/10/26	13:10 Eastern	G	Water			X	X	X	2	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Southeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Southeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Southeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Southeast, LLC.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

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

Relinquished by:	Date/Time: 02/12/26 1700	Company	Received by: M. Pinette	Date/Time: FEB 13 2026 0700	Company
Relinquished by:	Date/Time:	Company	Received by: Meadow Pinette	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

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

Ver: 10/10/2024

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 705-57300-2

Login Number: 57300

List Source: Eurofins Atlanta

List Number: 1

Creator: Sims, Christion

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

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

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 705-57300-2

Login Number: 57300
List Number: 2
Creator: Pinette, Meadow L

List Source: Eurofins St. Louis
List Creation: 02/13/26 01:29 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
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.	N/A	
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?	N/A	
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").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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

Definitions/Glossary

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-57300-2

Qualifiers

Rad

Qualifier	Qualifier Description
F	Duplicate RPD exceeds the control limit
U	Result is less than the sample detection limit.

Glossary

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

Job Narrative
705-57300-2

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

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

Receipt
The samples were received on 2/11/2026 3:30 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 6 coolers at receipt time were 0.2°C, 1.2°C, 1.5°C, 1.6°C, 2.0°C and 2.1°C.

Gas Flow Proportional Counter
Method 9315: Radium 226 Batch 758534
The sample duplicate (DUP) precision for (705-57300-F-17-A DU) was outside the control limits. However the original sample and DUP activity is below the RL making the measurement of precision less critical. The lab does not believe this discrepancy to have a negative impact on the data being reported.

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

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

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-57300-2

Client Sample ID: WAN-WGWA-2

Lab Sample ID: 705-57300-1

Date Collected: 02/09/26 15:46
Matrix: Water
Date Received: 02/11/26 15:30

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.0303	U	0.0621	0.0621	1.00	0.140	pCi/L	02/23/26 08:03	03/17/26 22:32	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*89.7*		*30 - 110*	*02/23/26 08:03*	*03/17/26 22:32*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.0376	U	0.290	0.290	1.00	0.530	pCi/L	02/23/26 08:07	03/10/26 11:44	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*89.7*		*30 - 110*	*02/23/26 08:07*	*03/10/26 11:44*	*1*
Y Carrier	*84.5*		*30 - 110*	*02/23/26 08:07*	*03/10/26 11:44*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.00723	U	0.297	0.297	5.00	0.530	pCi/L		03/19/26 14:22	1

Client Sample ID: WAN-WGWA-3

Lab Sample ID: 705-57300-2

Date Collected: 02/09/26 14:53
Matrix: Water
Date Received: 02/11/26 15:30

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.00618	U	0.0511	0.0511	1.00	0.104	pCi/L	02/23/26 08:03	03/17/26 22:32	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*90.9*		*30 - 110*	*02/23/26 08:03*	*03/17/26 22:32*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	-0.314	U	0.266	0.267	1.00	0.579	pCi/L	02/23/26 08:07	03/10/26 11:44	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*90.9*		*30 - 110*	*02/23/26 08:07*	*03/10/26 11:44*	*1*
Y Carrier	*80.7*		*30 - 110*	*02/23/26 08:07*	*03/10/26 11:44*	*1*

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-57300-2

Client Sample ID: WAN-WGWA-3

Lab Sample ID: 705-57300-2
Date Collected: 02/09/26 14:53
Matrix: Water
Date Received: 02/11/26 15:30

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	-0.307	U	0.271	0.272	5.00	0.579	pCi/L		03/19/26 14:22	1

Client Sample ID: WAN-WGWA-4

Lab Sample ID: 705-57300-3
Date Collected: 02/09/26 13:35
Matrix: Water
Date Received: 02/11/26 15:30

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**0.542**		0.146	0.154	1.00	0.128	pCi/L	02/23/26 08:03	03/17/26 22:32	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*87.2*		*30 - 110*	*02/23/26 08:03*	*03/17/26 22:32*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**0.824**		0.407	0.414	1.00	0.568	pCi/L	02/23/26 08:07	03/10/26 11:44	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*87.2*		*30 - 110*	*02/23/26 08:07*	*03/10/26 11:44*	*1*
Y Carrier	*82.6*		*30 - 110*	*02/23/26 08:07*	*03/10/26 11:44*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	**1.37**		0.432	0.442	5.00	0.568	pCi/L		03/19/26 14:30	1

Client Sample ID: WAN-WGWA-6

Lab Sample ID: 705-57300-4
Date Collected: 02/09/26 14:33
Matrix: Water
Date Received: 02/11/26 15:30

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**3.21**		0.326	0.436	1.00	0.150	pCi/L	02/23/26 08:03	03/17/26 22:32	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*91.7*		*30 - 110*	*02/23/26 08:03*	*03/17/26 22:32*	*1*

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-57300-2

Client Sample ID: WAN-WGWA-6

Lab Sample ID: 705-57300-4

Date Collected: 02/09/26 14:33
Date Received: 02/11/26 15:30

Matrix: Water

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	6.36		0.792	0.985	1.00	0.571	pCi/L	02/23/26 08:07	03/10/26 11:45	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*91.7*		*30 - 110*	*02/23/26 08:07*	*03/10/26 11:45*	*1*
Y Carrier	*84.1*		*30 - 110*	*02/23/26 08:07*	*03/10/26 11:45*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	9.57		0.856	1.08	5.00	0.571	pCi/L		03/19/26 14:30	1

Client Sample ID: WAN-WGWA-7

Lab Sample ID: 705-57300-5

Date Collected: 02/09/26 13:53
Date Received: 02/11/26 15:30

Matrix: Water

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0862	U	0.0956	0.0959	1.00	0.155	pCi/L	02/23/26 08:03	03/17/26 22:33	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*88.3*		*30 - 110*	*02/23/26 08:03*	*03/17/26 22:33*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	-0.0944	U	0.275	0.275	1.00	0.541	pCi/L	02/23/26 08:07	03/10/26 11:45	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*88.3*		*30 - 110*	*02/23/26 08:07*	*03/10/26 11:45*	*1*
Y Carrier	*83.7*		*30 - 110*	*02/23/26 08:07*	*03/10/26 11:45*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	-0.00817	U	0.291	0.291	5.00	0.541	pCi/L		03/19/26 14:30	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-57300-2

Client Sample ID: WAN-WGWA-1

Lab Sample ID: 705-57300-6

Date Collected: 02/10/26 10:38
Matrix: Water
Date Received: 02/11/26 15:30

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0136	U	0.0633	0.0633	1.00	0.121	pCi/L	02/23/26 08:03	03/17/26 22:27	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*91.5*		*30 - 110*	*02/23/26 08:03*	*03/17/26 22:27*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.147	U	0.305	0.305	1.00	0.531	pCi/L	02/23/26 08:07	03/10/26 11:45	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*91.5*		*30 - 110*	*02/23/26 08:07*	*03/10/26 11:45*	*1*
Y Carrier	*80.0*		*30 - 110*	*02/23/26 08:07*	*03/10/26 11:45*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.160	U	0.311	0.311	5.00	0.531	pCi/L		03/19/26 14:30	1

Client Sample ID: WAN-WGWA-18

Lab Sample ID: 705-57300-7

Date Collected: 02/10/26 10:54
Matrix: Water
Date Received: 02/11/26 15:30

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**0.174**		0.106	0.107	1.00	0.148	pCi/L	02/23/26 08:03	03/17/26 22:27	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*89.5*		*30 - 110*	*02/23/26 08:03*	*03/17/26 22:27*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	-0.0913	U	0.265	0.265	1.00	0.523	pCi/L	02/23/26 08:07	03/10/26 11:46	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*89.5*		*30 - 110*	*02/23/26 08:07*	*03/10/26 11:46*	*1*
Y Carrier	*84.1*		*30 - 110*	*02/23/26 08:07*	*03/10/26 11:46*	*1*

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-57300-2

Client Sample ID: WAN-WGWA-18

Lab Sample ID: 705-57300-7
Matrix: Water
Date Collected: 02/10/26 10:54
Date Received: 02/11/26 15:30

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.0823	U	0.285	0.286	5.00	0.523	pCi/L		03/19/26 14:30	1

Client Sample ID: WAN-WGWC-10

Lab Sample ID: 705-57300-8
Matrix: Water
Date Collected: 02/10/26 12:21
Date Received: 02/11/26 15:30

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.112	U	0.0927	0.0933	1.00	0.140	pCi/L	02/23/26 08:03	03/17/26 22:27	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*85.8*		*30 - 110*	*02/23/26 08:03*	*03/17/26 22:27*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.321	U	0.374	0.375	1.00	0.615	pCi/L	02/23/26 08:07	03/10/26 11:46	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*85.8*		*30 - 110*	*02/23/26 08:07*	*03/10/26 11:46*	*1*
Y Carrier	*79.3*		*30 - 110*	*02/23/26 08:07*	*03/10/26 11:46*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.433	U	0.385	0.386	5.00	0.615	pCi/L		03/19/26 14:30	1

Client Sample ID: WAN-WGWC-11

Lab Sample ID: 705-57300-9
Matrix: Water
Date Collected: 02/10/26 16:03
Date Received: 02/11/26 15:30

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0521	U	0.0631	0.0632	1.00	0.103	pCi/L	02/23/26 08:03	03/17/26 22:29	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*89.5*		*30 - 110*	*02/23/26 08:03*	*03/17/26 22:29*	*1*

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-57300-2

Client Sample ID: WAN-WGWC-11

Lab Sample ID: 705-57300-9

Date Collected: 02/10/26 16:03
Date Received: 02/11/26 15:30

Matrix: Water

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	-0.138	U	0.334	0.334	1.00	0.647	pCi/L	02/23/26 08:07	03/10/26 11:46	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*89.5*		*30 - 110*	*02/23/26 08:07*	*03/10/26 11:46*	*1*
Y Carrier	*78.5*		*30 - 110*	*02/23/26 08:07*	*03/10/26 11:46*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	-0.0859	U	0.340	0.340	5.00	0.647	pCi/L		03/19/26 14:30	1

Client Sample ID: WAN-WGWC-13

Lab Sample ID: 705-57300-10

Date Collected: 02/10/26 14:00
Date Received: 02/11/26 15:30

Matrix: Water

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0562	U	0.0638	0.0640	1.00	0.102	pCi/L	02/23/26 08:03	03/17/26 22:29	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*83.8*		*30 - 110*	*02/23/26 08:03*	*03/17/26 22:29*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.384	U	0.361	0.363	1.00	0.576	pCi/L	02/23/26 08:07	03/10/26 11:46	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*83.8*		*30 - 110*	*02/23/26 08:07*	*03/10/26 11:46*	*1*
Y Carrier	*80.7*		*30 - 110*	*02/23/26 08:07*	*03/10/26 11:46*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.440	U	0.367	0.369	5.00	0.576	pCi/L		03/19/26 14:30	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-57300-2

Client Sample ID: WAN-WGWC-14A

Lab Sample ID: 705-57300-11

Date Collected: 02/10/26 12:27
Matrix: Water
Date Received: 02/11/26 15:30

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.368		0.115	0.119	1.00	0.0957	pCi/L	02/23/26 08:03	03/17/26 22:29	1

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	91.2		30 - 110	02/23/26 08:03	03/17/26 22:29	1

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.196	U	0.325	0.326	1.00	0.557	pCi/L	02/23/26 08:07	03/10/26 11:46	1

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	91.2		30 - 110	02/23/26 08:07	03/10/26 11:46	1
Y Carrier	74.0		30 - 110	02/23/26 08:07	03/10/26 11:46	1

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.563		0.345	0.347	5.00	0.557	pCi/L		03/19/26 14:30	1

Client Sample ID: WAN-WGWC-15

Lab Sample ID: 705-57300-12

Date Collected: 02/10/26 12:55
Matrix: Water
Date Received: 02/11/26 15:30

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.138		0.0873	0.0882	1.00	0.118	pCi/L	02/23/26 08:03	03/17/26 22:30	1

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	88.6		30 - 110	02/23/26 08:03	03/17/26 22:30	1

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.682		0.366	0.371	1.00	0.516	pCi/L	02/23/26 08:07	03/10/26 11:46	1

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	88.6		30 - 110	02/23/26 08:07	03/10/26 11:46	1
Y Carrier	83.7		30 - 110	02/23/26 08:07	03/10/26 11:46	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-57300-2

Client Sample ID: WAN-WGWC-15

Lab Sample ID: 705-57300-12
Date Collected: 02/10/26 12:55
Matrix: Water
Date Received: 02/11/26 15:30

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.821		0.376	0.381	5.00	0.516	pCi/L		03/19/26 14:30	1

Client Sample ID: WAN-WGWC-16

Lab Sample ID: 705-57300-13
Date Collected: 02/10/26 14:32
Matrix: Water
Date Received: 02/11/26 15:30

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.120		0.0786	0.0793	1.00	0.104	pCi/L	02/23/26 08:03	03/17/26 22:30	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*87.2*		*30 - 110*	*02/23/26 08:03*	*03/17/26 22:30*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.303	U	0.292	0.293	1.00	0.465	pCi/L	02/23/26 08:07	03/10/26 11:47	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*87.2*		*30 - 110*	*02/23/26 08:07*	*03/10/26 11:47*	*1*
Y Carrier	*86.4*		*30 - 110*	*02/23/26 08:07*	*03/10/26 11:47*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.423	U	0.302	0.304	5.00	0.465	pCi/L		03/19/26 14:30	1

Client Sample ID: WAN-WGWC-20

Lab Sample ID: 705-57300-14
Date Collected: 02/10/26 15:25
Matrix: Water
Date Received: 02/11/26 15:30

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.113		0.0734	0.0741	1.00	0.0926	pCi/L	02/23/26 08:03	03/17/26 22:30	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*84.9*		*30 - 110*	*02/23/26 08:03*	*03/17/26 22:30*	*1*

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-57300-2

Client Sample ID: WAN-WGWC-20

Lab Sample ID: 705-57300-14

Date Collected: 02/10/26 15:25
Date Received: 02/11/26 15:30

Matrix: Water

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.319	U	0.325	0.326	1.00	0.523	pCi/L	02/23/26 08:07	03/10/26 11:47	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*84.9*		*30 - 110*	*02/23/26 08:07*	*03/10/26 11:47*	*1*
Y Carrier	*83.4*		*30 - 110*	*02/23/26 08:07*	*03/10/26 11:47*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.433	U	0.333	0.334	5.00	0.523	pCi/L		03/19/26 14:30	1

Client Sample ID: WAN-WGWC-24

Lab Sample ID: 705-57300-15

Date Collected: 02/10/26 11:10
Date Received: 02/11/26 15:30

Matrix: Water

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**0.192**		0.0956	0.0971	1.00	0.116	pCi/L	02/23/26 08:03	03/17/26 22:30	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*92.6*		*30 - 110*	*02/23/26 08:03*	*03/17/26 22:30*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**0.656**		0.326	0.332	1.00	0.444	pCi/L	02/23/26 08:07	03/10/26 11:47	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*92.6*		*30 - 110*	*02/23/26 08:07*	*03/10/26 11:47*	*1*
Y Carrier	*85.2*		*30 - 110*	*02/23/26 08:07*	*03/10/26 11:47*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	**0.848**		0.340	0.346	5.00	0.444	pCi/L		03/19/26 14:30	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-57300-2

Client Sample ID: WAN-WGWC-27

Lab Sample ID: 705-57300-16

Date Collected: 02/10/26 15:13
Matrix: Water
Date Received: 02/11/26 15:30

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	1.07		0.199	0.221	1.00	0.131	pCi/L	02/23/26 08:03	03/17/26 22:30	1

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	84.0		30 - 110	02/23/26 08:03	03/17/26 22:30	1

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	1.74		0.482	0.508	1.00	0.530	pCi/L	02/23/26 08:07	03/10/26 11:47	1

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	84.0		30 - 110	02/23/26 08:07	03/10/26 11:47	1
Y Carrier	87.9		30 - 110	02/23/26 08:07	03/10/26 11:47	1

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	2.81		0.521	0.554	5.00	0.530	pCi/L		03/19/26 14:30	1

Client Sample ID: WAN-AP1-FD-01

Lab Sample ID: 705-57300-17

Date Collected: 02/10/26 00:00
Matrix: Water
Date Received: 02/11/26 15:30

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0191	U	0.0850	0.0850	1.00	0.158	pCi/L	02/24/26 07:06	03/18/26 10:01	1

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	84.9		30 - 110	02/24/26 07:06	03/18/26 10:01	1

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.823		0.414	0.421	1.00	0.580	pCi/L	02/24/26 07:08	03/11/26 11:48	1

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	84.9		30 - 110	02/24/26 07:08	03/11/26 11:48	1
Y Carrier	82.2		30 - 110	02/24/26 07:08	03/11/26 11:48	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-57300-2

Client Sample ID: WAN-AP1-FD-01

Lab Sample ID: 705-57300-17
Date Collected: 02/10/26 00:00
Matrix: Water
Date Received: 02/11/26 15:30

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.843		0.423	0.429	5.00	0.580	pCi/L		03/19/26 14:30	1

Client Sample ID: WAN-AP1-FB-07

Lab Sample ID: 705-57300-18
Date Collected: 02/10/26 11:30
Matrix: Water
Date Received: 02/11/26 15:30

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.0312	U	0.0623	0.0623	1.00	0.147	pCi/L	02/24/26 07:06	03/18/26 10:02	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*72.1*		*30 - 110*	*02/24/26 07:06*	*03/18/26 10:02*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	1.30		0.537	0.550	1.00	0.692	pCi/L	02/24/26 07:08	03/11/26 11:48	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*72.1*		*30 - 110*	*02/24/26 07:08*	*03/11/26 11:48*	*1*
Y Carrier	*73.3*		*30 - 110*	*02/24/26 07:08*	*03/11/26 11:48*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	1.27		0.541	0.554	5.00	0.692	pCi/L		03/19/26 14:30	1

Client Sample ID: WAN-AP1-FB-08

Lab Sample ID: 705-57300-19
Date Collected: 02/10/26 15:45
Matrix: Water
Date Received: 02/11/26 15:30

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.0231	U	0.0602	0.0603	1.00	0.135	pCi/L	02/24/26 07:06	03/18/26 10:02	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*83.2*		*30 - 110*	*02/24/26 07:06*	*03/18/26 10:02*	*1*

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-57300-2

Client Sample ID: WAN-AP1-FB-08

Lab Sample ID: 705-57300-19

Date Collected: 02/10/26 15:45
Date Received: 02/11/26 15:30

Matrix: Water

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.431	U	0.425	0.427	1.00	0.684	pCi/L	02/24/26 07:08	03/11/26 11:48	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*83.2*		*30 - 110*	*02/24/26 07:08*	*03/11/26 11:48*	*1*
Y Carrier	*75.9*		*30 - 110*	*02/24/26 07:08*	*03/11/26 11:48*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.408	U	0.429	0.431	5.00	0.684	pCi/L		03/19/26 14:30	1

Client Sample ID: WAN-AP1-EB-01

Lab Sample ID: 705-57300-20

Date Collected: 02/10/26 13:10
Date Received: 02/11/26 15:30

Matrix: Water

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0139	U	0.0532	0.0532	1.00	0.104	pCi/L	02/24/26 07:06	03/18/26 10:02	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*94.3*		*30 - 110*	*02/24/26 07:06*	*03/18/26 10:02*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	-0.0608	U	0.292	0.292	1.00	0.558	pCi/L	02/24/26 07:08	03/11/26 11:48	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*94.3*		*30 - 110*	*02/24/26 07:08*	*03/11/26 11:48*	*1*
Y Carrier	*79.6*		*30 - 110*	*02/24/26 07:08*	*03/11/26 11:48*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	-0.0469	U	0.297	0.297	5.00	0.558	pCi/L		03/19/26 14:30	1

Tracer/Carrier Summary

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-57300-2

Method: 9315 - Radium-226 (GFPC)

Matrix: Water **Prep Type: Total/NA**

		Percent Yield (Acceptance Limits)						
Lab Sample ID	Client Sample ID	Ba (30-110)						
500-281636-F-3-A DU	Duplicate	80.9						
705-57300-1	WAN-WGWA-2	89.7						
705-57300-2	WAN-WGWA-3	90.9						
705-57300-3	WAN-WGWA-4	87.2						
705-57300-4	WAN-WGWA-6	91.7						
705-57300-5	WAN-WGWA-7	88.3						
705-57300-6	WAN-WGWA-1	91.5						
705-57300-7	WAN-WGWA-18	89.5						
705-57300-8	WAN-WGWC-10	85.8						
705-57300-9	WAN-WGWC-11	89.5						
705-57300-10	WAN-WGWC-13	83.8						
705-57300-11	WAN-WGWC-14A	91.2						
705-57300-12	WAN-WGWC-15	88.6						
705-57300-13	WAN-WGWC-16	87.2						
705-57300-14	WAN-WGWC-20	84.9						
705-57300-15	WAN-WGWC-24	92.6						
705-57300-16	WAN-WGWC-27	84.0						
705-57300-17	WAN-AP1-FD-01	84.9						
705-57300-17 DU	WAN-AP1-FD-01	89.7						
705-57300-18	WAN-AP1-FB-07	72.1						
705-57300-19	WAN-AP1-FB-08	83.2						
705-57300-20	WAN-AP1-EB-01	94.3						
LCS 160-758226/2-A	Lab Control Sample	81.2						
LCS 160-758534/2-A	Lab Control Sample	85.8						
MB 160-758226/1-A	Method Blank	83.2						
MB 160-758534/1-A	Method Blank	90.6						

Tracer/Carrier Legend

Ba = Ba Carrier

Method: 9320 - Radium-228 (GFPC)

Matrix: Water **Prep Type: Total/NA**

		Percent Yield (Acceptance Limits)						
Lab Sample ID	Client Sample ID	Ba (30-110)	Y (30-110)					
500-281636-F-3-B DU	Duplicate	80.9	81.5					
705-57300-1	WAN-WGWA-2	89.7	84.5					
705-57300-2	WAN-WGWA-3	90.9	80.7					
705-57300-3	WAN-WGWA-4	87.2	82.6					
705-57300-4	WAN-WGWA-6	91.7	84.1					
705-57300-5	WAN-WGWA-7	88.3	83.7					
705-57300-6	WAN-WGWA-1	91.5	80.0					
705-57300-7	WAN-WGWA-18	89.5	84.1					
705-57300-8	WAN-WGWC-10	85.8	79.3					
705-57300-9	WAN-WGWC-11	89.5	78.5					
705-57300-10	WAN-WGWC-13	83.8	80.7					
705-57300-11	WAN-WGWC-14A	91.2	74.0					
705-57300-12	WAN-WGWC-15	88.6	83.7					
705-57300-13	WAN-WGWC-16	87.2	86.4					

Tracer/Carrier Summary

Client: Southern Company
Job ID: 705-57300-2
Project/Site: Plant Wansley - Ash Pond

Method: 9320 - Radium-228 (GFPC) (Continued)

Matrix: Water **Prep Type: Total/NA**

		Percent Yield (Acceptance Limits)								
		Ba	Y							
Lab Sample ID	Client Sample ID	(30-110)	(30-110)							
705-57300-14	WAN-WGWC-20	84.9	83.4							
705-57300-15	WAN-WGWC-24	92.6	85.2							
705-57300-16	WAN-WGWC-27	84.0	87.9							
705-57300-17	WAN-AP1-FD-01	84.9	82.2							
705-57300-17 DU	WAN-AP1-FD-01	89.7	76.6							
705-57300-18	WAN-AP1-FB-07	72.1	73.3							
705-57300-19	WAN-AP1-FB-08	83.2	75.9							
705-57300-20	WAN-AP1-EB-01	94.3	79.6							
LCS 160-758227/2-A	Lab Control Sample	81.2	84.1							
LCS 160-758535/2-A	Lab Control Sample	85.8	82.6							
MB 160-758227/1-A	Method Blank	83.2	84.9							
MB 160-758535/1-A	Method Blank	90.6	80.4							

Tracer/Carrier Legend

Ba = Ba Carrier

Y = Y Carrier

Method Summary

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-57300-2

Method	Method Description	Protocol	Laboratory
9315	Radium-226 (GFPC)	SW846	EET SL
9320	Radium-228 (GFPC)	SW846	EET SL
Ra226_Ra228	Combined Radium-226 and Radium-228	TAL-STL	EET SL
PrecSep_0	Preparation, Precipitate Separation	None	EET SL
PrecSep-21	Preparation, Precipitate Separation (21-Day In-Growth)	None	EET SL

Protocol References:

None = None

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

TAL-STL = TestAmerica Laboratories, St. Louis, Facility Standard Operating Procedure.

Laboratory References:

EET SL = Eurofins St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566

QC Sample Results

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-57300-2

Method: 9315 - Radium-226 (GFPC)

Lab Sample ID: MB 160-758226/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 761738 — **Prep Batch: 758226**

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.01781	U	0.0759	0.0759	1.00	0.157	pCi/L	02/23/26 08:03	03/17/26 22:31	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*83.2*		*30 - 110*	*02/23/26 08:03*	*03/17/26 22:31*	*1*

Lab Sample ID: LCS 160-758226/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 761738 — **Prep Batch: 758226**

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-226			9.57	10.97		1.16	1.00	0.131	pCi/L	115	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*81.2*		*30 - 110*

Lab Sample ID: 500-281636-F-3-A DU — **Client Sample ID: Duplicate**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 761738 — **Prep Batch: 758226**

Analyte	Sample Result	Sample Qual		DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit			RER	RER Limit
Radium-226	0.266			0.1590		0.0943	1.00	0.120	pCi/L			0.50	1

Carrier	*DU %Yield*	*DU Qualifier*	*Limits*
Ba Carrier	*80.9*		*30 - 110*

Lab Sample ID: MB 160-758534/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 761949 — **Prep Batch: 758534**

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.02991	U	0.0694	0.0694	1.00	0.126	pCi/L	02/24/26 07:06	03/18/26 10:01	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*90.6*		*30 - 110*	*02/24/26 07:06*	*03/18/26 10:01*	*1*

Lab Sample ID: LCS 160-758534/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 761949 — **Prep Batch: 758534**

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-226			9.57	8.584		0.941	1.00	0.128	pCi/L	90	75 - 125		

Method: 9315 - Radium-226 (GFPC) (Continued)

Lab Sample ID: LCS 160-758534/2-A
Matrix: Water
Analysis Batch: 761949

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 758534

Carrier	LCS %Yield	LCS Qualifier	Limits
Ba Carrier	85.8		30 - 110

Lab Sample ID: 705-57300-17 DU
Matrix: Water
Analysis Batch: 761949

Client Sample ID: WAN-AP1-FD-01
Prep Type: Total/NA
Prep Batch: 758534

Analyte	Sample Result	Sample Qual		DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit			RER	RER Limit
Radium-226	0.0191	U		0.2359	F	0.113	1.00	0.138	pCi/L			1.10	1

Carrier	DU %Yield	DU Qualifier	Limits
Ba Carrier	89.7		30 - 110

Method: 9320 - Radium-228 (GFPC)

Lab Sample ID: MB 160-758227/1-A
Matrix: Water
Analysis Batch: 760720

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 758227

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.2185	U	0.324	0.325	1.00	0.549	pCi/L	02/23/26 08:07	03/10/26 11:53	1

Carrier	MB %Yield	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	83.2		30 - 110	02/23/26 08:07	03/10/26 11:53	1
Y Carrier	84.9		30 - 110	02/23/26 08:07	03/10/26 11:53	1

Lab Sample ID: LCS 160-758227/2-A
Matrix: Water
Analysis Batch: 760720

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 758227

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-228			9.35	10.19		1.39	1.00	0.530	pCi/L	109	75 - 125		

Carrier	LCS %Yield	LCS Qualifier	Limits
Ba Carrier	81.2		30 - 110
Y Carrier	84.1		30 - 110

Lab Sample ID: 500-281636-F-3-B DU
Matrix: Water
Analysis Batch: 760720

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 758227

Analyte	Sample Result	Sample Qual		DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit			RER	RER Limit
Radium-228	0.0312	U		0.3269	U	0.344	1.00	0.554	pCi/L			0.40	1

Method: 9320 - Radium-228 (GFPC) (Continued)

Lab Sample ID: 500-281636-F-3-B DU
Matrix: Water
Analysis Batch: 760720

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 758227

Carrier	DU %Yield	DU Qualifier	Limits
Ba Carrier	80.9		30 - 110
Y Carrier	81.5		30 - 110

Lab Sample ID: MB 160-758535/1-A
Matrix: Water
Analysis Batch: 760964

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 758535

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.4877	U	0.336	0.339	1.00	0.501	pCi/L	02/24/26 07:08	03/11/26 11:47	1

Carrier	MB %Yield	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	90.6		30 - 110	02/24/26 07:08	03/11/26 11:47	1
Y Carrier	80.4		30 - 110	02/24/26 07:08	03/11/26 11:47	1

Lab Sample ID: LCS 160-758535/2-A
Matrix: Water
Analysis Batch: 760964

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 758535

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-228			9.35	10.83		1.43	1.00	0.577	pCi/L	116	75 - 125		

Carrier	LCS %Yield	LCS Qualifier	Limits
Ba Carrier	85.8		30 - 110
Y Carrier	82.6		30 - 110

Lab Sample ID: 705-57300-17 DU
Matrix: Water
Analysis Batch: 760964

Client Sample ID: WAN-AP1-FD-01
Prep Type: Total/NA
Prep Batch: 758535

Analyte	Sample Result	Sample Qual		DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit			RER	RER Limit
Radium-228	0.823			0.7510		0.411	1.00	0.576	pCi/L			0.09	1

Carrier	DU %Yield	DU Qualifier	Limits
Ba Carrier	89.7		30 - 110
Y Carrier	76.6		30 - 110

QC Association Summary

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-57300-2

Rad

Prep Batch: 758226

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-57300-1	WAN-WGWA-2	Total/NA	Water	PrecSep-21	
705-57300-2	WAN-WGWA-3	Total/NA	Water	PrecSep-21	
705-57300-3	WAN-WGWA-4	Total/NA	Water	PrecSep-21	
705-57300-4	WAN-WGWA-6	Total/NA	Water	PrecSep-21	
705-57300-5	WAN-WGWA-7	Total/NA	Water	PrecSep-21	
705-57300-6	WAN-WGWA-1	Total/NA	Water	PrecSep-21	
705-57300-7	WAN-WGWA-18	Total/NA	Water	PrecSep-21	
705-57300-8	WAN-WGWC-10	Total/NA	Water	PrecSep-21	
705-57300-9	WAN-WGWC-11	Total/NA	Water	PrecSep-21	
705-57300-10	WAN-WGWC-13	Total/NA	Water	PrecSep-21	
705-57300-11	WAN-WGWC-14A	Total/NA	Water	PrecSep-21	
705-57300-12	WAN-WGWC-15	Total/NA	Water	PrecSep-21	
705-57300-13	WAN-WGWC-16	Total/NA	Water	PrecSep-21	
705-57300-14	WAN-WGWC-20	Total/NA	Water	PrecSep-21	
705-57300-15	WAN-WGWC-24	Total/NA	Water	PrecSep-21	
705-57300-16	WAN-WGWC-27	Total/NA	Water	PrecSep-21	
MB 160-758226/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-758226/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	
500-281636-F-3-A DU	Duplicate	Total/NA	Water	PrecSep-21	

Prep Batch: 758227

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-57300-1	WAN-WGWA-2	Total/NA	Water	PrecSep_0	
705-57300-2	WAN-WGWA-3	Total/NA	Water	PrecSep_0	
705-57300-3	WAN-WGWA-4	Total/NA	Water	PrecSep_0	
705-57300-4	WAN-WGWA-6	Total/NA	Water	PrecSep_0	
705-57300-5	WAN-WGWA-7	Total/NA	Water	PrecSep_0	
705-57300-6	WAN-WGWA-1	Total/NA	Water	PrecSep_0	
705-57300-7	WAN-WGWA-18	Total/NA	Water	PrecSep_0	
705-57300-8	WAN-WGWC-10	Total/NA	Water	PrecSep_0	
705-57300-9	WAN-WGWC-11	Total/NA	Water	PrecSep_0	
705-57300-10	WAN-WGWC-13	Total/NA	Water	PrecSep_0	
705-57300-11	WAN-WGWC-14A	Total/NA	Water	PrecSep_0	
705-57300-12	WAN-WGWC-15	Total/NA	Water	PrecSep_0	
705-57300-13	WAN-WGWC-16	Total/NA	Water	PrecSep_0	
705-57300-14	WAN-WGWC-20	Total/NA	Water	PrecSep_0	
705-57300-15	WAN-WGWC-24	Total/NA	Water	PrecSep_0	
705-57300-16	WAN-WGWC-27	Total/NA	Water	PrecSep_0	
MB 160-758227/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-758227/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	
500-281636-F-3-B DU	Duplicate	Total/NA	Water	PrecSep_0	

Prep Batch: 758534

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-57300-17	WAN-AP1-FD-01	Total/NA	Water	PrecSep-21	
705-57300-18	WAN-AP1-FB-07	Total/NA	Water	PrecSep-21	
705-57300-19	WAN-AP1-FB-08	Total/NA	Water	PrecSep-21	
705-57300-20	WAN-AP1-EB-01	Total/NA	Water	PrecSep-21	
MB 160-758534/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-758534/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	
705-57300-17 DU	WAN-AP1-FD-01	Total/NA	Water	PrecSep-21	

QC Association Summary

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-57300-2

Rad

Prep Batch: 758535

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-57300-17	WAN-AP1-FD-01	Total/NA	Water	PrecSep_0	
705-57300-18	WAN-AP1-FB-07	Total/NA	Water	PrecSep_0	
705-57300-19	WAN-AP1-FB-08	Total/NA	Water	PrecSep_0	
705-57300-20	WAN-AP1-EB-01	Total/NA	Water	PrecSep_0	
MB 160-758535/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-758535/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	
705-57300-17 DU	WAN-AP1-FD-01	Total/NA	Water	PrecSep_0	

Lab Chronicle

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-57300-2

Client Sample ID: WAN-WGWA-2

Lab Sample ID: 705-57300-1
Date Collected: 02/09/26 15:46
Matrix: Water
Date Received: 02/11/26 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			758226	VLQ	EET SL	02/23/26 08:03
Total/NA	Analysis	9315		1	761738	SWS	EET SL	03/17/26 22:32
Total/NA	Prep	PrecSep_0			758227	VLQ	EET SL	02/23/26 08:07
Total/NA	Analysis	9320		1	760719	SWS	EET SL	03/10/26 11:44
Total/NA	Analysis	Ra226_Ra228		1	761994	FLC	EET SL	03/19/26 14:22

Client Sample ID: WAN-WGWA-3

Lab Sample ID: 705-57300-2
Date Collected: 02/09/26 14:53
Matrix: Water
Date Received: 02/11/26 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			758226	VLQ	EET SL	02/23/26 08:03
Total/NA	Analysis	9315		1	761738	SWS	EET SL	03/17/26 22:32
Total/NA	Prep	PrecSep_0			758227	VLQ	EET SL	02/23/26 08:07
Total/NA	Analysis	9320		1	760719	SWS	EET SL	03/10/26 11:44
Total/NA	Analysis	Ra226_Ra228		1	761994	FLC	EET SL	03/19/26 14:22

Client Sample ID: WAN-WGWA-4

Lab Sample ID: 705-57300-3
Date Collected: 02/09/26 13:35
Matrix: Water
Date Received: 02/11/26 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			758226	VLQ	EET SL	02/23/26 08:03
Total/NA	Analysis	9315		1	761738	SWS	EET SL	03/17/26 22:32
Total/NA	Prep	PrecSep_0			758227	VLQ	EET SL	02/23/26 08:07
Total/NA	Analysis	9320		1	760719	SWS	EET SL	03/10/26 11:44
Total/NA	Analysis	Ra226_Ra228		1	761994	FLC	EET SL	03/19/26 14:30

Client Sample ID: WAN-WGWA-6

Lab Sample ID: 705-57300-4
Date Collected: 02/09/26 14:33
Matrix: Water
Date Received: 02/11/26 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			758226	VLQ	EET SL	02/23/26 08:03
Total/NA	Analysis	9315		1	761738	SWS	EET SL	03/17/26 22:32
Total/NA	Prep	PrecSep_0			758227	VLQ	EET SL	02/23/26 08:07
Total/NA	Analysis	9320		1	760719	SWS	EET SL	03/10/26 11:45
Total/NA	Analysis	Ra226_Ra228		1	761994	FLC	EET SL	03/19/26 14:30

Lab Chronicle

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-57300-2

Client Sample ID: WAN-WGWA-7

Lab Sample ID: 705-57300-5

Date Collected: 02/09/26 13:53
Matrix: Water
Date Received: 02/11/26 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			758226	VLQ	EET SL	02/23/26 08:03
Total/NA	Analysis	9315		1	761738	SWS	EET SL	03/17/26 22:33
Total/NA	Prep	PrecSep_0			758227	VLQ	EET SL	02/23/26 08:07
Total/NA	Analysis	9320		1	760719	SWS	EET SL	03/10/26 11:45
Total/NA	Analysis	Ra226_Ra228		1	761994	FLC	EET SL	03/19/26 14:30

Client Sample ID: WAN-WGWA-1

Lab Sample ID: 705-57300-6

Date Collected: 02/10/26 10:38
Matrix: Water
Date Received: 02/11/26 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			758226	VLQ	EET SL	02/23/26 08:03
Total/NA	Analysis	9315		1	761680	SWS	EET SL	03/17/26 22:27
Total/NA	Prep	PrecSep_0			758227	VLQ	EET SL	02/23/26 08:07
Total/NA	Analysis	9320		1	760719	SWS	EET SL	03/10/26 11:45
Total/NA	Analysis	Ra226_Ra228		1	761994	FLC	EET SL	03/19/26 14:30

Client Sample ID: WAN-WGWA-18

Lab Sample ID: 705-57300-7

Date Collected: 02/10/26 10:54
Matrix: Water
Date Received: 02/11/26 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			758226	VLQ	EET SL	02/23/26 08:03
Total/NA	Analysis	9315		1	761680	SWS	EET SL	03/17/26 22:27
Total/NA	Prep	PrecSep_0			758227	VLQ	EET SL	02/23/26 08:07
Total/NA	Analysis	9320		1	760719	SWS	EET SL	03/10/26 11:46
Total/NA	Analysis	Ra226_Ra228		1	761994	FLC	EET SL	03/19/26 14:30

Client Sample ID: WAN-WGWC-10

Lab Sample ID: 705-57300-8

Date Collected: 02/10/26 12:21
Matrix: Water
Date Received: 02/11/26 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			758226	VLQ	EET SL	02/23/26 08:03
Total/NA	Analysis	9315		1	761680	SWS	EET SL	03/17/26 22:27
Total/NA	Prep	PrecSep_0			758227	VLQ	EET SL	02/23/26 08:07
Total/NA	Analysis	9320		1	760719	SWS	EET SL	03/10/26 11:46
Total/NA	Analysis	Ra226_Ra228		1	761994	FLC	EET SL	03/19/26 14:30

Lab Chronicle

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-57300-2

Client Sample ID: WAN-WGWC-11

Lab Sample ID: 705-57300-9
Date Collected: 02/10/26 16:03
Matrix: Water
Date Received: 02/11/26 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			758226	VLQ	EET SL	02/23/26 08:03
Total/NA	Analysis	9315		1	761680	SWS	EET SL	03/17/26 22:29
Total/NA	Prep	PrecSep_0			758227	VLQ	EET SL	02/23/26 08:07
Total/NA	Analysis	9320		1	760719	SWS	EET SL	03/10/26 11:46
Total/NA	Analysis	Ra226_Ra228		1	761994	FLC	EET SL	03/19/26 14:30

Client Sample ID: WAN-WGWC-13

Lab Sample ID: 705-57300-10
Date Collected: 02/10/26 14:00
Matrix: Water
Date Received: 02/11/26 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			758226	VLQ	EET SL	02/23/26 08:03
Total/NA	Analysis	9315		1	761680	SWS	EET SL	03/17/26 22:29
Total/NA	Prep	PrecSep_0			758227	VLQ	EET SL	02/23/26 08:07
Total/NA	Analysis	9320		1	760719	SWS	EET SL	03/10/26 11:46
Total/NA	Analysis	Ra226_Ra228		1	761994	FLC	EET SL	03/19/26 14:30

Client Sample ID: WAN-WGWC-14A

Lab Sample ID: 705-57300-11
Date Collected: 02/10/26 12:27
Matrix: Water
Date Received: 02/11/26 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			758226	VLQ	EET SL	02/23/26 08:03
Total/NA	Analysis	9315		1	761680	SWS	EET SL	03/17/26 22:29
Total/NA	Prep	PrecSep_0			758227	VLQ	EET SL	02/23/26 08:07
Total/NA	Analysis	9320		1	760719	SWS	EET SL	03/10/26 11:46
Total/NA	Analysis	Ra226_Ra228		1	761994	FLC	EET SL	03/19/26 14:30

Client Sample ID: WAN-WGWC-15

Lab Sample ID: 705-57300-12
Date Collected: 02/10/26 12:55
Matrix: Water
Date Received: 02/11/26 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			758226	VLQ	EET SL	02/23/26 08:03
Total/NA	Analysis	9315		1	761680	SWS	EET SL	03/17/26 22:30
Total/NA	Prep	PrecSep_0			758227	VLQ	EET SL	02/23/26 08:07
Total/NA	Analysis	9320		1	760719	SWS	EET SL	03/10/26 11:46
Total/NA	Analysis	Ra226_Ra228		1	761994	FLC	EET SL	03/19/26 14:30

Lab Chronicle

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-57300-2

Client Sample ID: WAN-WGWC-16

Lab Sample ID: 705-57300-13
Date Collected: 02/10/26 14:32
Matrix: Water
Date Received: 02/11/26 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			758226	VLQ	EET SL	02/23/26 08:03
Total/NA	Analysis	9315		1	761680	SWS	EET SL	03/17/26 22:30
Total/NA	Prep	PrecSep_0			758227	VLQ	EET SL	02/23/26 08:07
Total/NA	Analysis	9320		1	760719	SWS	EET SL	03/10/26 11:47
Total/NA	Analysis	Ra226_Ra228		1	761994	FLC	EET SL	03/19/26 14:30

Client Sample ID: WAN-WGWC-20

Lab Sample ID: 705-57300-14
Date Collected: 02/10/26 15:25
Matrix: Water
Date Received: 02/11/26 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			758226	VLQ	EET SL	02/23/26 08:03
Total/NA	Analysis	9315		1	761680	SWS	EET SL	03/17/26 22:30
Total/NA	Prep	PrecSep_0			758227	VLQ	EET SL	02/23/26 08:07
Total/NA	Analysis	9320		1	760719	SWS	EET SL	03/10/26 11:47
Total/NA	Analysis	Ra226_Ra228		1	761994	FLC	EET SL	03/19/26 14:30

Client Sample ID: WAN-WGWC-24

Lab Sample ID: 705-57300-15
Date Collected: 02/10/26 11:10
Matrix: Water
Date Received: 02/11/26 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			758226	VLQ	EET SL	02/23/26 08:03
Total/NA	Analysis	9315		1	761680	SWS	EET SL	03/17/26 22:30
Total/NA	Prep	PrecSep_0			758227	VLQ	EET SL	02/23/26 08:07
Total/NA	Analysis	9320		1	760719	SWS	EET SL	03/10/26 11:47
Total/NA	Analysis	Ra226_Ra228		1	761994	FLC	EET SL	03/19/26 14:30

Client Sample ID: WAN-WGWC-27

Lab Sample ID: 705-57300-16
Date Collected: 02/10/26 15:13
Matrix: Water
Date Received: 02/11/26 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			758226	VLQ	EET SL	02/23/26 08:03
Total/NA	Analysis	9315		1	761680	SWS	EET SL	03/17/26 22:30
Total/NA	Prep	PrecSep_0			758227	VLQ	EET SL	02/23/26 08:07
Total/NA	Analysis	9320		1	760719	SWS	EET SL	03/10/26 11:47
Total/NA	Analysis	Ra226_Ra228		1	761994	FLC	EET SL	03/19/26 14:30

Lab Chronicle

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-57300-2

Client Sample ID: WAN-AP1-FD-01

Lab Sample ID: 705-57300-17

Date Collected: 02/10/26 00:00
Matrix: Water
Date Received: 02/11/26 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			758534	AMS	EET SL	02/24/26 07:06
Total/NA	Analysis	9315		1	761949	SWS	EET SL	03/18/26 10:01
Total/NA	Prep	PrecSep_0			758535	AMS	EET SL	02/24/26 07:08
Total/NA	Analysis	9320		1	760964	SWS	EET SL	03/11/26 11:48
Total/NA	Analysis	Ra226_Ra228		1	761994	FLC	EET SL	03/19/26 14:30

Client Sample ID: WAN-AP1-FB-07

Lab Sample ID: 705-57300-18

Date Collected: 02/10/26 11:30
Matrix: Water
Date Received: 02/11/26 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			758534	AMS	EET SL	02/24/26 07:06
Total/NA	Analysis	9315		1	761949	SWS	EET SL	03/18/26 10:02
Total/NA	Prep	PrecSep_0			758535	AMS	EET SL	02/24/26 07:08
Total/NA	Analysis	9320		1	760964	SWS	EET SL	03/11/26 11:48
Total/NA	Analysis	Ra226_Ra228		1	761994	FLC	EET SL	03/19/26 14:30

Client Sample ID: WAN-AP1-FB-08

Lab Sample ID: 705-57300-19

Date Collected: 02/10/26 15:45
Matrix: Water
Date Received: 02/11/26 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			758534	AMS	EET SL	02/24/26 07:06
Total/NA	Analysis	9315		1	761949	SWS	EET SL	03/18/26 10:02
Total/NA	Prep	PrecSep_0			758535	AMS	EET SL	02/24/26 07:08
Total/NA	Analysis	9320		1	760964	SWS	EET SL	03/11/26 11:48
Total/NA	Analysis	Ra226_Ra228		1	761994	FLC	EET SL	03/19/26 14:30

Client Sample ID: WAN-AP1-EB-01

Lab Sample ID: 705-57300-20

Date Collected: 02/10/26 13:10
Matrix: Water
Date Received: 02/11/26 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			758534	AMS	EET SL	02/24/26 07:06
Total/NA	Analysis	9315		1	761949	SWS	EET SL	03/18/26 10:02
Total/NA	Prep	PrecSep_0			758535	AMS	EET SL	02/24/26 07:08
Total/NA	Analysis	9320		1	760964	SWS	EET SL	03/11/26 11:48
Total/NA	Analysis	Ra226_Ra228		1	761994	FLC	EET SL	03/19/26 14:30

Laboratory References:

EET SL = Eurofins St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566

Accreditation/Certification Summary

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-57300-2

Laboratory: Eurofins St. Louis

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

Authority	Program	Identification Number	Expiration Date
Florida	NELAP	E87689	06-30-26

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Robert (Trey) Singleton
Southern Company
3535 Colonnade Parkway
Bin S 530 EC
Birmingham, Alabama 35243

Generated 2/27/2026 5:27:30 PM

JOB DESCRIPTION

Plant Wansley Ash Pond Quarterly 3

JOB NUMBER

705-57340-1

Eurofins Atlanta
3080 Presidential Dr
Atlanta GA 30340

See page two for job notes and contact information.

my EOL

Eurofins Atlanta

Job Notes

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

Authorization

Generated
2/27/2026 5:27:30 PM

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

Sample Summary

Client: Southern Company
Project/Site: Plant Wansley Ash Pond Quarterly 3

Job ID: 705-57340-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
705-57340-1	WAN-WGWC-34S	Water	02/09/26 14:50	02/11/26 15:30	Georgia
705-57340-2	WAN-WGWC-31S	Water	02/09/26 15:19	02/11/26 15:30	Georgia
705-57340-3	WAN-WGWC-37D	Water	02/09/26 16:25	02/11/26 15:30	Georgia
705-57340-4	WAN-WGWC-30	Water	02/10/26 10:50	02/11/26 15:30	Georgia
705-57340-5	WAN-AP1-FD-09	Water	02/10/26 00:00	02/11/26 15:30	Georgia
705-57340-6	WAN-WGWC-31D	Water	02/10/26 10:58	02/11/26 15:30	Georgia
705-57340-7	WAN-AP1-EB-09	Water	02/10/26 10:20	02/11/26 15:30	Georgia
705-57340-8	WAN-WGWC-36D	Water	02/10/26 12:35	02/11/26 15:30	Georgia
705-57340-9	WAN-WGWC-37S	Water	02/10/26 14:00	02/11/26 15:30	Georgia
705-57340-10	WAN-WGWC-39	Water	02/10/26 16:59	02/11/26 15:30	Georgia
705-57340-11	WAN-AP1-FB-15	Water	02/10/26 15:30	02/11/26 15:30	Georgia
705-57432-1	WAN-WGWC-41	Water	02/11/26 09:50	02/12/26 14:48	Georgia
705-57432-2	WAN-WGWC-40	Water	02/11/26 10:46	02/12/26 14:48	Georgia
705-57432-3	WAN-WGWC-34D	Water	02/11/26 11:05	02/12/26 14:48	Georgia
705-57432-4	WAN-WGWC-32	Water	02/11/26 11:54	02/12/26 14:48	Georgia
705-57432-5	WAN-WGWC-35D	Water	02/11/26 12:20	02/12/26 14:48	Georgia
705-57432-6	WAN-WGWC-33	Water	02/11/26 13:17	02/12/26 14:48	Georgia
705-57432-7	WAN-AP1-FD-10	Water	02/11/26 00:00	02/12/26 14:48	Georgia
705-57432-8	WAN-WGWC-36S	Water	02/11/26 15:40	02/12/26 14:48	Georgia
705-57432-9	WAN-AP1-FB-16	Water	02/11/26 15:00	02/12/26 14:48	Georgia
705-57432-10	WAN-WGWC-35S	Water	02/12/26 10:55	02/12/26 14:48	Georgia
705-57432-11	WAN-WGWC-38D	Water	02/12/26 11:03	02/12/26 14:48	Georgia
705-57432-12	WAN-WGWC-38S	Water	02/12/26 11:36	02/12/26 14:48	Georgia
705-57432-13	WAN-AP1-EB-10	Water	02/12/26 11:40	02/12/26 14:48	Georgia

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

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: J. Bessford, J. May (ACC)	Lab PM: David Fuller / Phone: 770-344-8986	Carrier Tracking No(s):	COC No:
Client Contact: SCS Contacts	Phone: 770-544-5998	E-Mail: David.Fuller@ET.EurofinsUS.com		Page: 1 of 1
Company: GA Power				Job #:
Address: 241 Ralph McGill Blvd SE	Due Date Requested:			
City: Atlanta	TAT Requested (days):			
State, Zip: GA, 30308				
Phone: 404-506-7116(Tel)	Lab Project #: 70504536			
Email: SCS Contacts / Geosyntec Contacts	PO #: GPC82130-0004 / PO Line #1			
Project Name: Plant Wansley Ash Pond Quarterly 3	Project #:			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Z, D - N, E - N, F - M, G - /, H - /, I - I, J - I, K - L, L - EDA, M - Hexane, N - None, O2, S, O3, O3, 4, odecahydrate, ne, -5, (specify)
705-57340 COC
Other:

Task_Code: WAN-CCR-OTH-2026 0209

Sample Identification	Sample Date (mm/dd/yy)	Sample Time (hhmm)	Sample Type (C=comp, G=grab)	Matrix (WG=ground water, WS=surface water, WQ=quality control)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D - Chloride, Fluoride, Sulfate	2540C_Calcd - Total Dissolved Solids (TDS)	6010D- App III Metals: B, Ca	6020B - App IV Metals: Sb,As,Ba,Be,Cd,Cr,Co,Pb,Mo,Se,Tl	6010D - Lithium	7470A - App IV Mercury	9315_Ra226 - Radium-226 (GFPC) - 21 day decay	9320_Ra228 - Radium-228 (GFPC) - 21 day decay	Ra226Ra228_GFPC - Combined Radium 226 and 228	Major Ions - Carbonate, Bicarbonate, Total Alkalinity	Major Ions - Sulfide	Major Ions - Fe, Mg, Mn, K, Na		Total Number of containers	Special Instructions/Note:
			Preservation Code:				I	I	D	D	D	D	D	D	D	I	B, C	D			
WAN- W GWC-34S	02/09/26	1450	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		6	
WAN- W GWC-31S	02/09/26	1519	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		6	
WAN- W GWC-37D	02/09/26	1625	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		6	
WAN- W GWC-30	02/10/26	1050	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		6	
WAN- API-FD-09	02/10/26	—	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		6	
WAN- W GWC-31D	02/10/26	1058	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		6	
WAN- API-FB-09	02/10/26	1020	G	WQ	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		6	
WAN- W GWC-36D	02/10/26	1235	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		6	
WAN- W GWC-37S	02/10/26	1400	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		6	
WAN- W GWC-39	02/10/26	1659	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		6	
WAN- API-FB-15	02/10/26	1530	G	WQ	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		6	

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

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

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

Special Instructions/QC Requirements:

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

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	2/11/26 1245	ACC		2/11/26 1245	ACC
	2/11/26 1530	ACC		2-11-26 1530	

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:
		Q # 2665 1.8 1.6 2.1 1.4

Ver: 01/16/2019

2/27/2026

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

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: J. Barstad, J. May (ACC)	Lab PM: David Fuller / Phone: 770-344-8986	Carrier Tracking No(s):	COC No:
Client Contact: SCS Contacts	Phone: 770-594-5998	E-Mail: David.Fuller@ET.EurofinsUS.com		Page: 1 of 1 2
Company: GA Power				Job #:
Address: 241 Ralph McGill Blvd SE	Due Date Requested:			
City: Atlanta	TAT Requested (days):			
State, Zip: GA, 30308				
Phone: 404-506-7116(Tel)	Lab Project #: 70504536			
Email: SCS Contacts / Geosyntec Contacts	PO #: GPC82130-0004 / PO Line #1			
Project Name: Plant Wansley Ash Pond Quarterly 3	Project #:			
Site:	SSOW#:			

Analysis Requested

Sample Identification	Sample Date (mm/dd/yy)	Sample Time (hhmm)	Sample Type (C=comp, G=grab)	Matrix (WG=ground water, WS=surface water, WQ=quality control)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D - Chloride, Fluoride, Sulfate	2540C_Calcd - Total Dissolved Solids (TDS)	6010D- App III Metals: B, Ca	6020B - App IV Metals: Sb,As,Ba,Be,Cd,Cr,Co,Pb,Mo,Se,Tl	6010D - Lithium	7470A - App IV Mercury	9315_Ra226 - Radium-226 (GFPC) - 21 day decay	9320_Ra228 - Radium-228 (GFPC) - 21 day decay	Ra226Ra228_GFPC - Combined Radium 226 and 228	Major Ions - Carbonate, Bicarbonate, Total Alkalinity	Major Ions - Sulfide	Major Ions - Fe, Mg, Mn, K, Na		Total Number of containers	Special Instructions/Note:
			Preservation Code:				I	I	D	D	D	D	D	D	D	I	B, C	D			
WAN- WGWC-41	02/11/26	0950	G	WG	N	N	✓	✓	✓	✓	✓	✓				✓		✓		3	limited volume
WAN- WGWC-40	02/11/26	1046	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		6	
WAN- WGWC-34D	02/11/26	1105	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		6	
WAN- WGWC-32	02/11/26	1154	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		6	
WAN- WGWC-35D	02/11/26	1220	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		6	
WAN- WGWC-33	02/11/26	1317	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		6	
WAN- API-FD-10	02/11/26	—	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		6	
WAN- WGWC-36S	02/11/26	1540	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		6	
WAN- API-FB-16	02/11/26	1500	G	WQ	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		6	
WAN- WGWC-			G		N	N															
WAN-			G		N	N															

Preservation Codes:

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

Other:

Task_Code: WAN-CCR-OTH-20260209

05-57432 COC

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

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

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

Special Instructions/QC Requirements:

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

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	2/12/26 1200	ACC		2/12/26 1200	ACC
	2/12/26 1445	ACC		2.12.26	

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: Cl 1.2 0.2 0.2 06

Ver: 01/16/2019

2/27/2026

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

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: SBerthard, J.Hay (ACC)	Lab PM: David Fuller / Phone: 770-344-8986	Carrier Tracking No(s):	COC No:
Client Contact: SCS Contacts	Phone: 770-544-5998	E-Mail: David.Fuller@ET.EurofinsUS.com		Page: 2 of 2
Company: GA Power				Job #:
Address: 241 Ralph McGill Blvd SE	Due Date Requested:			
City: Atlanta	TAT Requested (days):			
State, Zip: GA, 30308				
Phone: 404-506-7116(Tel)	Lab Project #: 70504536			
Email: SCS Contacts / Geosyntec Contacts	PO #: GPC82130-0004 / PO Line #1			
Project Name: Plant Wansley Ash Pond Quarterly 3	Project #:			
Site:	SSOW#:			

Analysis Requested

Sample Identification	Sample Date (mm/dd/yy)	Sample Time (hhmm)	Sample Type (C=comp, G=grab)	Matrix (WG=ground water, WS=surface water, WQ=quality control)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D - Chloride, Fluoride, Sulfate	2540C_Calcd - Total Dissolved Solids (TDS)	6010D- App III Metals: B, Ca	6020B - App IV Metals: Sb,As,Ba,Be,Cd,Cr,Co,Pb,Mo,Se,Tl	6010D - Lithium	7470A - App IV Mercury	9315_Ra226 - Radium-226 (GFPC) - 21 day decay	9320_Ra228 - Radium-228 (GFPC) - 21 day decay	Ra226Ra228_GFPC - Combined Radium 226 and 228	Major Ions - Carbonate, Bicarbonate, Total Alkalinity	Major Ions - Sulfide	Major Ions - Fe, Mg, Mn, K, Na		Total Number of containers	Special Instructions/Note:
			Preservation Code:				I	I	D	D	D	D	D	D	D	I	B, C	D			
WAN- WGWC-35S	02/12/26	1055	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		6	
WAN- WGWC-38D	02/12/26	1103	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		6	
WAN- WGWC-38S	02/12/26	1136	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		6	
WAN- API-EB-10	02/12/26	1140	G	WQ	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		6	
WAN-			G		N	N															
WAN-			G		N	N															
WAN-			G		N	N															
WAN-			G		N	N															
WAN-			G		N	N															
WAN-			G		N	N															
WAN-			G		N	N															

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

Task_Code: WAN-CCR-OTH-2026 0209

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

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

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

Special Instructions/QC Requirements:

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

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
[signature]	2/12/26 1200	ACC	[signature]	2/12/26 1200	ACC
[signature]	2/12/26 1448	ACC	[signature]	2-12-26	1448

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks: 1.2 0.3 0.2 0.6

Ver: 01/16/2019

2/27/2026

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 705-57340-1

Login Number: 57340
List Number: 1
Creator: Sims, Christion

List Source: Eurofins Atlanta

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

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

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 705-57340-1

Login Number: 57432
List Number: 1
Creator: Gay, Dalton

List Source: Eurofins Atlanta

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

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

Qualifiers

HPLC/IC

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

Metals

Qualifier	Qualifier Description
^2	Calibration Blank (ICB and/or CCB) is outside acceptance limits.
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
B	Compound was found in the blank and sample.
E	Result exceeded calibration range.
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

General Chemistry

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.

Glossary

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

Job Narrative
705-57340-1

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

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

Receipt
The samples were received on 2/11/2026 3:30 PM and 2/12/2026 2:48 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 8 coolers at receipt time were 0.2°C, 0.3°C, 0.6°C, 1.2°C, 1.4°C, 1.6°C, 1.8°C and 2.1°C.

HPLC/IC
Method 300.0: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 705-114283 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 300.0: The following samples were diluted due to the abundance of target analytes : (705-58411-B-3), (705-58411-B-3 MS) and (705-58411-B-3 MSD). Because of this dilution, the surrogate spike and matrix spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.

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

Metals
Method 6010D: The method blank for preparation batch 705-113935 and analytical batch 705-115053 contained Lithium above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

Method 7470A: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 705-115045 and analytical batch 705-115591 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 7470A: The instrument blank for analytical batch 705-115591 contained Mercury greater than one-half/Below the reporting limit (RL), and were not re-analyzed.The data has been qualified and reported.

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

General Chemistry
Method 4500 S2 F-2011: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 705-114323 and analytical batch 705-114341 were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 4500 S2 F-2011: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 705-114675 and analytical batch 705-114695 were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

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

Detection Summary

Client: Southern Company
Project/Site: Plant Wansley Ash Pond Quarterly 3

Job ID: 705-57340-1

Client Sample ID: WAN-WGWC-34S — Lab Sample ID: 705-57340-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	2.9		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.26		0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	1.7		1.0	0.77	mg/L	1		300.0	Total/NA
Calcium	1.8		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.023		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Beryllium	0.00018	J	0.0010	0.00015	mg/L	1		6020B	Total Recoverable
Cobalt	0.026		0.0050	0.00041	mg/L	1		6020B	Total Recoverable
Iron	0.24		0.10	0.018	mg/L	1		6020B	Total Recoverable
Magnesium	1.2		0.10	0.016	mg/L	1		6020B	Total Recoverable
Manganese	1.4		0.0050	0.0013	mg/L	1		6020B	Total Recoverable
Potassium	2.4		0.10	0.044	mg/L	1		6020B	Total Recoverable
Sodium	1.8		0.50	0.25	mg/L	1		6020B	Total Recoverable
Thallium	0.00041	J	0.0010	0.00019	mg/L	1		6020B	Total Recoverable
Total Alkalinity as CaCO3	16		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	16		3.0	3.0	mg/L	1		2320B-2011	Total/NA

Client Sample ID: WAN-WGWC-31S — Lab Sample ID: 705-57340-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	3.1		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.24		0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	2.4		1.0	0.77	mg/L	1		300.0	Total/NA
Calcium	1.6		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.013		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Beryllium	0.00029	J	0.0010	0.00015	mg/L	1		6020B	Total Recoverable
Cobalt	0.0011	J	0.0050	0.00041	mg/L	1		6020B	Total Recoverable
Magnesium	0.45		0.10	0.016	mg/L	1		6020B	Total Recoverable
Manganese	0.099		0.0050	0.0013	mg/L	1		6020B	Total Recoverable
Potassium	5.0		0.10	0.044	mg/L	1		6020B	Total Recoverable
Sodium	11		0.50	0.25	mg/L	1		6020B	Total Recoverable
Thallium	0.00024	J	0.0010	0.00019	mg/L	1		6020B	Total Recoverable
Total Alkalinity as CaCO3	23		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	23		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	44		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: WAN-WGWC-37D — Lab Sample ID: 705-57340-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	28		10	9.8	mg/L	10		300.0	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Atlanta

Detection Summary

Client: Southern Company
Project/Site: Plant Wansley Ash Pond Quarterly 3

Job ID: 705-57340-1

Client Sample ID: WAN-WGWC-37D (Continued) — Lab Sample ID: 705-57340-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Fluoride	2.4		2.0	0.81	mg/L	10		300.0	Total/NA
Sulfate	16		10	7.7	mg/L	10		300.0	Total/NA
Boron	0.095		0.080	0.026	mg/L	1		6010D	Total/NA
Calcium	14		0.10	0.038	mg/L	1		6010D	Total/NA
Arsenic	0.0017	J	0.0050	0.0013	mg/L	1		6020B	Total Recoverable
Barium	0.068		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Beryllium	0.00016	J	0.0010	0.00015	mg/L	1		6020B	Total Recoverable
Cobalt	0.019		0.0050	0.00041	mg/L	1		6020B	Total Recoverable
Iron	17		0.10	0.018	mg/L	1		6020B	Total Recoverable
Magnesium	5.6		0.10	0.016	mg/L	1		6020B	Total Recoverable
Manganese	5.0		0.0050	0.0013	mg/L	1		6020B	Total Recoverable
Potassium	9.9		0.10	0.044	mg/L	1		6020B	Total Recoverable
Sodium	28		0.50	0.25	mg/L	1		6020B	Total Recoverable
Thallium	0.00021	J	0.0010	0.00019	mg/L	1		6020B	Total Recoverable
Total Alkalinity as CaCO3	120		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	120		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	170		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: WAN-WGWC-30 — Lab Sample ID: 705-57340-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	1.7		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.21		0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	1.0		1.0	0.77	mg/L	1		300.0	Total/NA
Calcium	0.28		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.027		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Beryllium	0.00016	J	0.0010	0.00015	mg/L	1		6020B	Total Recoverable
Iron	0.028	J	0.10	0.018	mg/L	1		6020B	Total Recoverable
Magnesium	0.18		0.10	0.016	mg/L	1		6020B	Total Recoverable
Manganese	0.013		0.0050	0.0013	mg/L	1		6020B	Total Recoverable
Potassium	2.3		0.10	0.044	mg/L	1		6020B	Total Recoverable
Sodium	4.7		0.50	0.25	mg/L	1		6020B	Total Recoverable
Total Alkalinity as CaCO3	11		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	11		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	20		10	10	mg/L	1		2540C - 2015	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Southern Company
Project/Site: Plant Wansley Ash Pond Quarterly 3

Job ID: 705-57340-1

Client Sample ID: WAN-AP1-FD-09 — Lab Sample ID: 705-57340-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	1.4		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.19	J	0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	0.97	J	1.0	0.77	mg/L	1		300.0	Total/NA
Calcium	0.28		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.025		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Magnesium	0.16		0.10	0.016	mg/L	1		6020B	Total Recoverable
Manganese	0.011		0.0050	0.0013	mg/L	1		6020B	Total Recoverable
Potassium	2.4		0.10	0.044	mg/L	1		6020B	Total Recoverable
Sodium	4.6		0.50	0.25	mg/L	1		6020B	Total Recoverable
Total Alkalinity as CaCO3	11		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	11		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	17		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: WAN-WGWC-31D — Lab Sample ID: 705-57340-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	9.6		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	2.9		0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	23		1.0	0.77	mg/L	1		300.0	Total/NA
Calcium	28		0.10	0.038	mg/L	1		6010D	Total/NA
Lithium	0.047		0.020	0.0037	mg/L	1		6010D	Total/NA
Barium	0.0080	J	0.010	0.00041	mg/L	1		6020B	Total Recoverable
Cobalt	0.00044	J	0.0050	0.00041	mg/L	1		6020B	Total Recoverable
Iron	0.21		0.10	0.018	mg/L	1		6020B	Total Recoverable
Magnesium	7.2		0.10	0.016	mg/L	1		6020B	Total Recoverable
Manganese	0.084		0.0050	0.0013	mg/L	1		6020B	Total Recoverable
Molybdenum	0.026		0.0050	0.00069	mg/L	1		6020B	Total Recoverable
Potassium	5.6		0.10	0.044	mg/L	1		6020B	Total Recoverable
Sodium	27		0.50	0.25	mg/L	1		6020B	Total Recoverable
Total Alkalinity as CaCO3	110		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	110		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	160		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: WAN-AP1-EB-09 — Lab Sample ID: 705-57340-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Fluoride	0.18	J	0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	1.0		1.0	0.77	mg/L	1		300.0	Total/NA

Client Sample ID: WAN-WGWC-36D — Lab Sample ID: 705-57340-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	2.7		1.0	0.98	mg/L	1		300.0	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Atlanta

Client Sample ID: WAN-WGWC-36D (Continued) — Lab Sample ID: 705-57340-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Fluoride	0.27		0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	3.3		1.0	0.77	mg/L	1		300.0	Total/NA
Calcium	7.7		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.029		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Cobalt	0.0060		0.0050	0.00041	mg/L	1		6020B	Total Recoverable
Iron	0.91		0.10	0.018	mg/L	1		6020B	Total Recoverable
Magnesium	3.0		0.10	0.016	mg/L	1		6020B	Total Recoverable
Manganese	0.96		0.0050	0.0013	mg/L	1		6020B	Total Recoverable
Potassium	2.3		0.10	0.044	mg/L	1		6020B	Total Recoverable
Sodium	10		0.50	0.25	mg/L	1		6020B	Total Recoverable
Total Alkalinity as CaCO3	49		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	49		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	54		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: WAN-WGWC-37S — Lab Sample ID: 705-57340-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	520		20	20	mg/L	20		300.0	Total/NA
Fluoride	0.45		0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	2.9		1.0	0.77	mg/L	1		300.0	Total/NA
Boron	2.7		0.080	0.026	mg/L	1		6010D	Total/NA
Calcium	30		0.10	0.038	mg/L	1		6010D	Total/NA
Lithium	0.0047	J	0.020	0.0037	mg/L	1		6010D	Total/NA
Arsenic	0.0083		0.0050	0.0013	mg/L	1		6020B	Total Recoverable
Barium	1.2		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Beryllium	0.0027		0.0010	0.00015	mg/L	1		6020B	Total Recoverable
Cadmium	0.0029		0.00070	0.00024	mg/L	1		6020B	Total Recoverable
Cobalt	0.75		0.0050	0.00041	mg/L	1		6020B	Total Recoverable
Iron	12		0.10	0.018	mg/L	1		6020B	Total Recoverable
Lead	0.0029		0.0010	0.00086	mg/L	1		6020B	Total Recoverable
Magnesium	94		5.0	0.82	mg/L	50		6020B	Total Recoverable
Manganese	80		0.25	0.065	mg/L	50		6020B	Total Recoverable
Potassium	13		0.10	0.044	mg/L	1		6020B	Total Recoverable
Selenium	0.017		0.0050	0.0023	mg/L	1		6020B	Total Recoverable
Sodium	42		0.50	0.25	mg/L	1		6020B	Total Recoverable
Thallium	0.0037		0.0010	0.00019	mg/L	1		6020B	Total Recoverable

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Southern Company
Project/Site: Plant Wansley Ash Pond Quarterly 3

Job ID: 705-57340-1

Client Sample ID: WAN-WGWC-37S (Continued) — Lab Sample ID: 705-57340-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Dissolved Solids	910		20	20	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: WAN-WGWC-39 — Lab Sample ID: 705-57340-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	1.9		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.22		0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	1.0		1.0	0.77	mg/L	1		300.0	Total/NA
Calcium	0.88		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.048		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Beryllium	0.00031	J	0.0010	0.00015	mg/L	1		6020B	Total Recoverable
Cobalt	0.0034	J	0.0050	0.00041	mg/L	1		6020B	Total Recoverable
Iron	0.22		0.10	0.018	mg/L	1		6020B	Total Recoverable
Lead	0.0010		0.0010	0.00086	mg/L	1		6020B	Total Recoverable
Magnesium	2.1		0.10	0.016	mg/L	1		6020B	Total Recoverable
Manganese	0.14		0.0050	0.0013	mg/L	1		6020B	Total Recoverable
Potassium	1.6		0.10	0.044	mg/L	1		6020B	Total Recoverable
Sodium	1.9		0.50	0.25	mg/L	1		6020B	Total Recoverable
Total Alkalinity as CaCO3	3.3		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	3.3		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	15		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: WAN-AP1-FB-15 — Lab Sample ID: 705-57340-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Fluoride	0.20		0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	0.87	J	1.0	0.77	mg/L	1		300.0	Total/NA
Mercury	0.00017	J ^2	0.00020	0.00017	mg/L	1		7470A	Total/NA
Total Alkalinity as CaCO3	8.3		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	8.3		3.0	3.0	mg/L	1		2320B-2011	Total/NA

Client Sample ID: WAN-WGWC-41 — Lab Sample ID: 705-57432-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	2.7	F1	1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	1.4	F1	0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	110	F1	10	7.7	mg/L	10		300.0	Total/NA
Boron	0.031	J	0.080	0.026	mg/L	1		6010D	Total/NA
Calcium	23		0.10	0.038	mg/L	1		6010D	Total/NA
Lithium	0.018	J B	0.020	0.0037	mg/L	1		6010D	Total/NA
Barium	0.0042	J	0.010	0.00041	mg/L	1		6020B	Total Recoverable
Beryllium	0.0034		0.0010	0.00015	mg/L	1		6020B	Total Recoverable
Iron	0.039	J	0.10	0.018	mg/L	1		6020B	Total Recoverable

This Detection Summary does not include radiochemical test results.

Eurofins Atlanta

Detection Summary

Client: Southern Company
Project/Site: Plant Wansley Ash Pond Quarterly 3

Job ID: 705-57340-1

Client Sample ID: WAN-WGWC-41 (Continued) — Lab Sample ID: 705-57432-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Magnesium	7.3		0.10	0.016	mg/L	1		6020B	Total Recoverable
Manganese	0.097		0.0050	0.0013	mg/L	1		6020B	Total Recoverable
Potassium	5.1		0.10	0.044	mg/L	1		6020B	Total Recoverable
Sodium	15		0.50	0.25	mg/L	1		6020B	Total Recoverable
Total Alkalinity as CaCO3	9.4		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	9.4		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	200		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: WAN-WGWC-40 — Lab Sample ID: 705-57432-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	12		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.10	J	0.20	0.081	mg/L	1		300.0	Total/NA
Calcium	0.064	J	0.10	0.038	mg/L	1		6010D	Total/NA
Lithium	0.0049	J B	0.020	0.0037	mg/L	1		6010D	Total/NA
Barium	0.16		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Beryllium	0.00019	J	0.0010	0.00015	mg/L	1		6020B	Total Recoverable
Cobalt	0.0015	J	0.0050	0.00041	mg/L	1		6020B	Total Recoverable
Magnesium	0.95		0.10	0.016	mg/L	1		6020B	Total Recoverable
Manganese	0.033		0.0050	0.0013	mg/L	1		6020B	Total Recoverable
Potassium	3.5		0.10	0.044	mg/L	1		6020B	Total Recoverable
Sodium	6.5		0.50	0.25	mg/L	1		6020B	Total Recoverable
Total Alkalinity as CaCO3	4.0		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	4.0		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	33		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: WAN-WGWC-34D — Lab Sample ID: 705-57432-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	130		10	9.8	mg/L	10		300.0	Total/NA
Fluoride	0.58		0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	420		10	7.7	mg/L	10		300.0	Total/NA
Boron	8.4		0.080	0.026	mg/L	1		6010D	Total/NA
Calcium	100		0.10	0.038	mg/L	1		6010D	Total/NA
Lithium	0.011	J B	0.020	0.0037	mg/L	1		6010D	Total/NA
Arsenic	0.0056		0.0050	0.0013	mg/L	1		6020B	Total Recoverable
Barium	0.044		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Beryllium	0.0030		0.0010	0.00015	mg/L	1		6020B	Total Recoverable
Cadmium	0.0029		0.00070	0.00024	mg/L	1		6020B	Total Recoverable
Cobalt	0.17		0.0050	0.00041	mg/L	1		6020B	Total Recoverable

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Southern Company
Project/Site: Plant Wansley Ash Pond Quarterly 3

Job ID: 705-57340-1

Client Sample ID: WAN-WGWC-34D (Continued) — Lab Sample ID: 705-57432-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Magnesium	90		0.50	0.082	mg/L	5		6020B	Total Recoverable
Manganese	6.7		0.025	0.0065	mg/L	5		6020B	Total Recoverable
Potassium	6.7		0.10	0.044	mg/L	1		6020B	Total Recoverable
Selenium	0.019		0.0050	0.0023	mg/L	1		6020B	Total Recoverable
Sodium	17		0.50	0.25	mg/L	1		6020B	Total Recoverable
Total Alkalinity as CaCO3	25		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	25		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	810		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: WAN-WGWC-32 — Lab Sample ID: 705-57432-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	6.6		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.16	J	0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	44		1.0	0.77	mg/L	1		300.0	Total/NA
Boron	0.30		0.080	0.026	mg/L	1		6010D	Total/NA
Calcium	10		0.10	0.038	mg/L	1		6010D	Total/NA
Lithium	0.0070	J B	0.020	0.0037	mg/L	1		6010D	Total/NA
Barium	0.065		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Beryllium	0.0021		0.0010	0.00015	mg/L	1		6020B	Total Recoverable
Iron	0.13		0.10	0.018	mg/L	1		6020B	Total Recoverable
Magnesium	2.1		0.10	0.016	mg/L	1		6020B	Total Recoverable
Manganese	0.11		0.0050	0.0013	mg/L	1		6020B	Total Recoverable
Potassium	5.8		0.10	0.044	mg/L	1		6020B	Total Recoverable
Selenium	0.0030	J	0.0050	0.0023	mg/L	1		6020B	Total Recoverable
Sodium	13		0.50	0.25	mg/L	1		6020B	Total Recoverable
Total Alkalinity as CaCO3	11		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	11		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	120		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: WAN-WGWC-35D — Lab Sample ID: 705-57432-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	12		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.17	J	0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	2.8		1.0	0.77	mg/L	1		300.0	Total/NA
Calcium	54		0.10	0.038	mg/L	1		6010D	Total/NA
Lithium	0.0052	J B	0.020	0.0037	mg/L	1		6010D	Total/NA
Barium	0.19		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Cobalt	0.0032	J	0.0050	0.00041	mg/L	1		6020B	Total Recoverable

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Southern Company
Project/Site: Plant Wansley Ash Pond Quarterly 3

Job ID: 705-57340-1

Client Sample ID: WAN-WGWC-35D (Continued) — Lab Sample ID: 705-57432-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Iron	1.4		0.10	0.018	mg/L	1		6020B	Total Recoverable
Magnesium	12		0.10	0.016	mg/L	1		6020B	Total Recoverable
Manganese	0.85		0.0050	0.0013	mg/L	1		6020B	Total Recoverable
Molybdenum	0.00071	J	0.0050	0.00069	mg/L	1		6020B	Total Recoverable
Potassium	6.0		0.10	0.044	mg/L	1		6020B	Total Recoverable
Sodium	11		0.50	0.25	mg/L	1		6020B	Total Recoverable
Total Alkalinity as CaCO3	200		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	200		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	210		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: WAN-WGWC-33 — Lab Sample ID: 705-57432-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	20		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.94		0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	310		10	7.7	mg/L	10		300.0	Total/NA
Boron	1.1		0.080	0.026	mg/L	1		6010D	Total/NA
Calcium	98		0.10	0.038	mg/L	1		6010D	Total/NA
Lithium	0.026	B	0.020	0.0037	mg/L	1		6010D	Total/NA
Arsenic	0.0046	J	0.0050	0.0013	mg/L	1		6020B	Total Recoverable
Barium	0.013		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Beryllium	0.0093		0.0010	0.00015	mg/L	1		6020B	Total Recoverable
Cadmium	0.0020		0.00070	0.00024	mg/L	1		6020B	Total Recoverable
Cobalt	0.0027	J	0.0050	0.00041	mg/L	1		6020B	Total Recoverable
Magnesium	14		0.10	0.016	mg/L	1		6020B	Total Recoverable
Manganese	4.6		0.0050	0.0013	mg/L	1		6020B	Total Recoverable
Potassium	9.5		0.10	0.044	mg/L	1		6020B	Total Recoverable
Selenium	0.012		0.0050	0.0023	mg/L	1		6020B	Total Recoverable
Sodium	24		0.50	0.25	mg/L	1		6020B	Total Recoverable
Total Alkalinity as CaCO3	9.2		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	9.2		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	510		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: WAN-AP1-FD-10 — Lab Sample ID: 705-57432-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	6.5		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.16	J	0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	43		1.0	0.77	mg/L	1		300.0	Total/NA
Boron	0.31		0.080	0.026	mg/L	1		6010D	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Atlanta

Detection Summary

Client: Southern Company
Project/Site: Plant Wansley Ash Pond Quarterly 3

Job ID: 705-57340-1

Client Sample ID: WAN-AP1-FD-10 (Continued) — Lab Sample ID: 705-57432-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Calcium	11		0.10	0.038	mg/L	1		6010D	Total/NA
Lithium	0.0072	J B	0.020	0.0037	mg/L	1		6010D	Total/NA
Barium	0.063		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Beryllium	0.0020		0.0010	0.00015	mg/L	1		6020B	Total Recoverable
Iron	0.13		0.10	0.018	mg/L	1		6020B	Total Recoverable
Magnesium	2.2		0.10	0.016	mg/L	1		6020B	Total Recoverable
Manganese	0.11		0.0050	0.0013	mg/L	1		6020B	Total Recoverable
Potassium	5.7		0.10	0.044	mg/L	1		6020B	Total Recoverable
Selenium	0.0030	J	0.0050	0.0023	mg/L	1		6020B	Total Recoverable
Sodium	13		0.50	0.25	mg/L	1		6020B	Total Recoverable
Total Alkalinity as CaCO3	11		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	11		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	110		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: WAN-WGWC-36S — Lab Sample ID: 705-57432-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Fluoride	1.8	J	4.0	1.6	mg/L	20		300.0	Total/NA
Sulfate	15	J	20	15	mg/L	20		300.0	Total/NA
Calcium	27		0.10	0.038	mg/L	1		6010D	Total/NA
Lithium	0.0044	J B	0.020	0.0037	mg/L	1		6010D	Total/NA
Arsenic	0.0015	J	0.0050	0.0013	mg/L	1		6020B	Total Recoverable
Barium	0.068		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Cobalt	0.031		0.0050	0.00041	mg/L	1		6020B	Total Recoverable
Iron	8.2		0.10	0.018	mg/L	1		6020B	Total Recoverable
Magnesium	6.1		0.10	0.016	mg/L	1		6020B	Total Recoverable
Manganese	7.2		0.025	0.0065	mg/L	5		6020B	Total Recoverable
Potassium	8.3		0.10	0.044	mg/L	1		6020B	Total Recoverable
Sodium	19		0.50	0.25	mg/L	1		6020B	Total Recoverable
Total Alkalinity as CaCO3	130		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	130		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	160		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: WAN-AP1-FB-16 — Lab Sample ID: 705-57432-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Fluoride	0.096	J	0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	1.2		1.0	0.77	mg/L	1		300.0	Total/NA
Calcium	0.038	J	0.10	0.038	mg/L	1		6010D	Total/NA
Lithium	0.0037	J B	0.020	0.0037	mg/L	1		6010D	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Atlanta

Detection Summary

Client: Southern Company
Project/Site: Plant Wansley Ash Pond Quarterly 3

Job ID: 705-57340-1

Client Sample ID: WAN-WGWC-35S — Lab Sample ID: 705-57432-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	5.9		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.26		0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	2.5		1.0	0.77	mg/L	1		300.0	Total/NA
Calcium	50		0.10	0.038	mg/L	1		6010D	Total/NA
Lithium	0.0039	J B	0.020	0.0037	mg/L	1		6010D	Total/NA
Barium	0.032		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Cobalt	0.010		0.0050	0.00041	mg/L	1		6020B	Total Recoverable
Iron	0.66		0.10	0.018	mg/L	1		6020B	Total Recoverable
Magnesium	3.9		0.10	0.016	mg/L	1		6020B	Total Recoverable
Manganese	3.4		0.0050	0.0013	mg/L	1		6020B	Total Recoverable
Molybdenum	0.0011	J	0.0050	0.00069	mg/L	1		6020B	Total Recoverable
Potassium	2.7		0.10	0.044	mg/L	1		6020B	Total Recoverable
Sodium	32		0.50	0.25	mg/L	1		6020B	Total Recoverable
Thallium	0.00021	J	0.0010	0.00019	mg/L	1		6020B	Total Recoverable
Total Alkalinity as CaCO3	200		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	200		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	210		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: WAN-WGWC-38D — Lab Sample ID: 705-57432-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	1000		50	49	mg/L	50		300.0	Total/NA
Fluoride	0.21		0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	1200		50	38	mg/L	50		300.0	Total/NA
Boron	48		0.080	0.026	mg/L	1		6010D	Total/NA
Calcium	1000		1.0	0.38	mg/L	10		6010D	Total/NA
Lithium	0.0065	J B	0.020	0.0037	mg/L	1		6010D	Total/NA
Arsenic	0.11		0.0050	0.0013	mg/L	1		6020B	Total Recoverable
Barium	0.031		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Beryllium	0.00029	J	0.0010	0.00015	mg/L	1		6020B	Total Recoverable
Cadmium	0.0049		0.00070	0.00024	mg/L	1		6020B	Total Recoverable
Cobalt	0.12		0.0050	0.00041	mg/L	1		6020B	Total Recoverable
Iron	0.56		0.10	0.018	mg/L	1		6020B	Total Recoverable
Lead	0.020		0.0010	0.00086	mg/L	1		6020B	Total Recoverable
Magnesium	9.0		0.10	0.016	mg/L	1		6020B	Total Recoverable
Manganese	14		0.025	0.0065	mg/L	5		6020B	Total Recoverable
Potassium	35		0.10	0.044	mg/L	1		6020B	Total Recoverable

This Detection Summary does not include radiochemical test results.

Eurofins Atlanta

Detection Summary

Client: Southern Company
Project/Site: Plant Wansley Ash Pond Quarterly 3

Job ID: 705-57340-1

Client Sample ID: WAN-WGWC-38D (Continued) — Lab Sample ID: 705-57432-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Selenium	0.062		0.0050	0.0023	mg/L	1		6020B	Total Recoverable
Sodium	28		0.50	0.25	mg/L	1		6020B	Total Recoverable
Thallium	0.0043		0.0010	0.00019	mg/L	1		6020B	Total Recoverable
Total Alkalinity as CaCO3	3.3		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	3.3		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	4900		40	40	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: WAN-WGWC-38S — Lab Sample ID: 705-57432-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Fluoride	2.2	J	4.0	1.6	mg/L	20		300.0	Total/NA
Boron	0.076	J	0.080	0.026	mg/L	1		6010D	Total/NA
Calcium	60		0.10	0.038	mg/L	1		6010D	Total/NA
Lithium	0.0043	J B	0.020	0.0037	mg/L	1		6010D	Total/NA
Arsenic	0.0026	J	0.0050	0.0013	mg/L	1		6020B	Total Recoverable
Barium	0.14		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Cobalt	0.047		0.0050	0.00041	mg/L	1		6020B	Total Recoverable
Iron	77		0.50	0.089	mg/L	5		6020B	Total Recoverable
Magnesium	5.7		0.10	0.016	mg/L	1		6020B	Total Recoverable
Manganese	7.8		0.025	0.0065	mg/L	5		6020B	Total Recoverable
Potassium	4.4		0.10	0.044	mg/L	1		6020B	Total Recoverable
Sodium	21		0.50	0.25	mg/L	1		6020B	Total Recoverable
Total Alkalinity as CaCO3	270		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	270		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	340		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: WAN-AP1-EB-10 — Lab Sample ID: 705-57432-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Fluoride	0.097	J	0.20	0.081	mg/L	1		300.0	Total/NA
Calcium	0.038	J	0.10	0.038	mg/L	1		6010D	Total/NA
Iron	0.053	J	0.10	0.018	mg/L	1		6020B	Total Recoverable

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley Ash Pond Quarterly 3

Job ID: 705-57340-1

Client Sample ID: WAN-WGWC-34S

Lab Sample ID: 705-57340-1
Date Collected: 02/09/26 14:50
Matrix: Water
Date Received: 02/11/26 15:30

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2.9**		1.0	0.98	mg/L			02/20/26 20:08	1
Fluoride	**0.26**		0.20	0.081	mg/L			02/20/26 20:08	1
Sulfate	**1.7**		1.0	0.77	mg/L			02/20/26 20:08	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		02/12/26 12:52	02/19/26 17:00	1
Calcium	**1.8**		0.10	0.038	mg/L		02/12/26 12:52	02/19/26 17:00	1
Lithium	<0.0037		0.020	0.0037	mg/L		02/12/26 12:52	02/19/26 17:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		02/13/26 08:52	02/16/26 19:58	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		02/13/26 08:52	02/16/26 19:58	1
Barium	**0.023**		0.010	0.00041	mg/L		02/13/26 08:52	02/16/26 19:58	1
Beryllium	**0.00018**	**J**	0.0010	0.00015	mg/L		02/13/26 08:52	02/16/26 19:58	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		02/13/26 08:52	02/16/26 19:58	1
Chromium	<0.0037		0.0050	0.0037	mg/L		02/13/26 08:52	02/16/26 19:58	1
Cobalt	**0.026**		0.0050	0.00041	mg/L		02/13/26 08:52	02/16/26 19:58	1
Iron	**0.24**		0.10	0.018	mg/L		02/13/26 08:52	02/16/26 19:58	1
Lead	<0.00086		0.0010	0.00086	mg/L		02/13/26 08:52	02/16/26 19:58	1
Magnesium	**1.2**		0.10	0.016	mg/L		02/13/26 08:52	02/16/26 19:58	1
Manganese	**1.4**		0.0050	0.0013	mg/L		02/13/26 08:52	02/16/26 19:58	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		02/13/26 08:52	02/16/26 19:58	1
Potassium	**2.4**		0.10	0.044	mg/L		02/13/26 08:52	02/16/26 19:58	1
Selenium	<0.0023		0.0050	0.0023	mg/L		02/13/26 08:52	02/16/26 19:58	1
Sodium	**1.8**		0.50	0.25	mg/L		02/13/26 08:52	02/16/26 19:58	1
Thallium	**0.00041**	**J**	0.0010	0.00019	mg/L		02/13/26 08:52	02/16/26 19:58	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017	F1	0.00020	0.00017	mg/L		02/19/26 14:30	02/19/26 17:07	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**16**		3.0	3.0	mg/L			02/20/26 11:44	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**16**		3.0	3.0	mg/L			02/20/26 11:44	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			02/20/26 11:44	1
Total Dissolved Solids (SM 2540C - 2015)	<10		10	10	mg/L			02/12/26 16:45	1
Sulfide (SM 4500 S2 F-2011)	<1.0		1.0	1.0	mg/L		02/15/26 12:20	02/15/26 17:36	1

Client Sample ID: WAN-WGWC-31S

Lab Sample ID: 705-57340-2
Date Collected: 02/09/26 15:19
Matrix: Water
Date Received: 02/11/26 15:30

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3.1**		1.0	0.98	mg/L			02/20/26 20:19	1

Client Sample ID: WAN-WGWC-31S

Lab Sample ID: 705-57340-2
Date Collected: 02/09/26 15:19
Matrix: Water
Date Received: 02/11/26 15:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	**0.24**		0.20	0.081	mg/L			02/20/26 20:19	1
Sulfate	**2.4**		1.0	0.77	mg/L			02/20/26 20:19	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		02/12/26 12:52	02/19/26 17:21	1
Calcium	**1.6**		0.10	0.038	mg/L		02/12/26 12:52	02/19/26 17:21	1
Lithium	<0.0037		0.020	0.0037	mg/L		02/12/26 12:52	02/19/26 17:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		02/13/26 08:52	02/16/26 20:00	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		02/13/26 08:52	02/16/26 20:00	1
Barium	**0.013**		0.010	0.00041	mg/L		02/13/26 08:52	02/16/26 20:00	1
Beryllium	**0.00029**	**J**	0.0010	0.00015	mg/L		02/13/26 08:52	02/16/26 20:00	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		02/13/26 08:52	02/16/26 20:00	1
Chromium	<0.0037		0.0050	0.0037	mg/L		02/13/26 08:52	02/16/26 20:00	1
Cobalt	**0.0011**	**J**	0.0050	0.00041	mg/L		02/13/26 08:52	02/16/26 20:00	1
Iron	<0.018		0.10	0.018	mg/L		02/13/26 08:52	02/16/26 20:00	1
Lead	<0.00086		0.0010	0.00086	mg/L		02/13/26 08:52	02/16/26 20:00	1
Magnesium	**0.45**		0.10	0.016	mg/L		02/13/26 08:52	02/16/26 20:00	1
Manganese	**0.099**		0.0050	0.0013	mg/L		02/13/26 08:52	02/16/26 20:00	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		02/13/26 08:52	02/16/26 20:00	1
Potassium	**5.0**		0.10	0.044	mg/L		02/13/26 08:52	02/16/26 20:00	1
Selenium	<0.0023		0.0050	0.0023	mg/L		02/13/26 08:52	02/16/26 20:00	1
Sodium	**11**		0.50	0.25	mg/L		02/13/26 08:52	02/16/26 20:00	1
Thallium	**0.00024**	**J**	0.0010	0.00019	mg/L		02/13/26 08:52	02/16/26 20:00	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		02/19/26 14:30	02/19/26 17:18	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**23**		3.0	3.0	mg/L			02/20/26 15:04	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**23**		3.0	3.0	mg/L			02/20/26 15:04	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			02/20/26 15:04	1
Total Dissolved Solids (SM 2540C - 2015)	**44**		10	10	mg/L			02/12/26 16:45	1
Sulfide (SM 4500 S2 F-2011)	<1.0		1.0	1.0	mg/L		02/15/26 12:20	02/15/26 17:36	1

Client Sample ID: WAN-WGWC-37D

Lab Sample ID: 705-57340-3
Date Collected: 02/09/26 16:25
Matrix: Water
Date Received: 02/11/26 15:30

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**28**		10	9.8	mg/L			02/20/26 21:05	10
Fluoride	**2.4**		2.0	0.81	mg/L			02/20/26 21:05	10

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley Ash Pond Quarterly 3

Job ID: 705-57340-1

Client Sample ID: WAN-WGWC-37D

Lab Sample ID: 705-57340-3
Matrix: Water
Date Collected: 02/09/26 16:25
Date Received: 02/11/26 15:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**16**		10	7.7	mg/L			02/20/26 21:05	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**0.095**		0.080	0.026	mg/L		02/12/26 12:52	02/19/26 17:24	1
Calcium	**14**		0.10	0.038	mg/L		02/12/26 12:52	02/19/26 17:24	1
Lithium	<0.0037		0.020	0.0037	mg/L		02/12/26 12:52	02/19/26 17:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		02/13/26 08:52	02/16/26 20:24	1
Arsenic	**0.0017**	**J**	0.0050	0.0013	mg/L		02/13/26 08:52	02/16/26 20:24	1
Barium	**0.068**		0.010	0.00041	mg/L		02/13/26 08:52	02/16/26 20:24	1
Beryllium	**0.00016**	**J**	0.0010	0.00015	mg/L		02/13/26 08:52	02/16/26 20:24	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		02/13/26 08:52	02/16/26 20:24	1
Chromium	<0.0037		0.0050	0.0037	mg/L		02/13/26 08:52	02/16/26 20:24	1
Cobalt	**0.019**		0.0050	0.00041	mg/L		02/13/26 08:52	02/16/26 20:24	1
Iron	**17**		0.10	0.018	mg/L		02/13/26 08:52	02/16/26 20:24	1
Lead	<0.00086		0.0010	0.00086	mg/L		02/13/26 08:52	02/16/26 20:24	1
Magnesium	**5.6**		0.10	0.016	mg/L		02/13/26 08:52	02/16/26 20:24	1
Manganese	**5.0**		0.0050	0.0013	mg/L		02/13/26 08:52	02/16/26 20:24	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		02/13/26 08:52	02/16/26 20:24	1
Potassium	**9.9**		0.10	0.044	mg/L		02/13/26 08:52	02/16/26 20:24	1
Selenium	<0.0023		0.0050	0.0023	mg/L		02/13/26 08:52	02/16/26 20:24	1
Sodium	**28**		0.50	0.25	mg/L		02/13/26 08:52	02/16/26 20:24	1
Thallium	**0.00021**	**J**	0.0010	0.00019	mg/L		02/13/26 08:52	02/16/26 20:24	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		02/19/26 14:30	02/19/26 17:21	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**120**		3.0	3.0	mg/L			02/20/26 15:04	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**120**		3.0	3.0	mg/L			02/20/26 15:04	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			02/20/26 15:04	1
Total Dissolved Solids (SM 2540C - 2015)	**170**		10	10	mg/L			02/12/26 16:45	1
Sulfide (SM 4500 S2 F-2011)	<1.0		1.0	1.0	mg/L		02/15/26 12:20	02/15/26 17:36	1

Client Sample ID: WAN-WGWC-30

Lab Sample ID: 705-57340-4
Matrix: Water
Date Collected: 02/10/26 10:50
Date Received: 02/11/26 15:30

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1.7**		1.0	0.98	mg/L			02/20/26 21:16	1
Fluoride	**0.21**		0.20	0.081	mg/L			02/20/26 21:16	1
Sulfate	**1.0**		1.0	0.77	mg/L			02/20/26 21:16	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley Ash Pond Quarterly 3

Job ID: 705-57340-1

Client Sample ID: WAN-WGWC-30

Lab Sample ID: 705-57340-4
Matrix: Water

Date Collected: 02/10/26 10:50
Date Received: 02/11/26 15:30

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		02/12/26 12:52	02/19/26 17:27	1
Calcium	**0.28**		0.10	0.038	mg/L		02/12/26 12:52	02/19/26 17:27	1
Lithium	<0.0037		0.020	0.0037	mg/L		02/12/26 12:52	02/19/26 17:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		02/13/26 08:52	02/16/26 20:30	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		02/13/26 08:52	02/16/26 20:30	1
Barium	**0.027**		0.010	0.00041	mg/L		02/13/26 08:52	02/16/26 20:30	1
Beryllium	**0.00016**	**J**	0.0010	0.00015	mg/L		02/13/26 08:52	02/16/26 20:30	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		02/13/26 08:52	02/16/26 20:30	1
Chromium	<0.0037		0.0050	0.0037	mg/L		02/13/26 08:52	02/16/26 20:30	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		02/13/26 08:52	02/16/26 20:30	1
Iron	**0.028**	**J**	0.10	0.018	mg/L		02/13/26 08:52	02/16/26 20:30	1
Lead	<0.00086		0.0010	0.00086	mg/L		02/13/26 08:52	02/16/26 20:30	1
Magnesium	**0.18**		0.10	0.016	mg/L		02/13/26 08:52	02/16/26 20:30	1
Manganese	**0.013**		0.0050	0.0013	mg/L		02/13/26 08:52	02/16/26 20:30	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		02/13/26 08:52	02/16/26 20:30	1
Potassium	**2.3**		0.10	0.044	mg/L		02/13/26 08:52	02/16/26 20:30	1
Selenium	<0.0023		0.0050	0.0023	mg/L		02/13/26 08:52	02/16/26 20:30	1
Sodium	**4.7**		0.50	0.25	mg/L		02/13/26 08:52	02/16/26 20:30	1
Thallium	<0.00019		0.0010	0.00019	mg/L		02/13/26 08:52	02/16/26 20:30	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		02/19/26 14:30	02/19/26 17:24	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**11**		3.0	3.0	mg/L			02/20/26 15:04	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**11**		3.0	3.0	mg/L			02/20/26 15:04	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			02/20/26 15:04	1
Total Dissolved Solids (SM 2540C - 2015)	**20**		10	10	mg/L			02/12/26 16:45	1
Sulfide (SM 4500 S2 F-2011)	<1.0		1.0	1.0	mg/L		02/15/26 12:20	02/15/26 17:36	1

Client Sample ID: WAN-AP1-FD-09

Lab Sample ID: 705-57340-5
Matrix: Water

Date Collected: 02/10/26 00:00
Date Received: 02/11/26 15:30

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1.4**		1.0	0.98	mg/L			02/20/26 21:27	1
Fluoride	**0.19**	**J**	0.20	0.081	mg/L			02/20/26 21:27	1
Sulfate	**0.97**	**J**	1.0	0.77	mg/L			02/20/26 21:27	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		02/12/26 12:52	02/19/26 17:30	1

Client Sample ID: WAN-AP1-FD-09

Lab Sample ID: 705-57340-5
Date Collected: 02/10/26 00:00
Matrix: Water
Date Received: 02/11/26 15:30

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	**0.28**		0.10	0.038	mg/L		02/12/26 12:52	02/19/26 17:30	1
Lithium	<0.0037		0.020	0.0037	mg/L		02/12/26 12:52	02/19/26 17:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		02/13/26 08:52	02/16/26 20:32	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		02/13/26 08:52	02/16/26 20:32	1
Barium	**0.025**		0.010	0.00041	mg/L		02/13/26 08:52	02/16/26 20:32	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		02/13/26 08:52	02/16/26 20:32	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		02/13/26 08:52	02/16/26 20:32	1
Chromium	<0.0037		0.0050	0.0037	mg/L		02/13/26 08:52	02/16/26 20:32	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		02/13/26 08:52	02/16/26 20:32	1
Iron	<0.018		0.10	0.018	mg/L		02/13/26 08:52	02/16/26 20:32	1
Lead	<0.00086		0.0010	0.00086	mg/L		02/13/26 08:52	02/16/26 20:32	1
Magnesium	**0.16**		0.10	0.016	mg/L		02/13/26 08:52	02/16/26 20:32	1
Manganese	**0.011**		0.0050	0.0013	mg/L		02/13/26 08:52	02/16/26 20:32	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		02/13/26 08:52	02/16/26 20:32	1
Potassium	**2.4**		0.10	0.044	mg/L		02/13/26 08:52	02/16/26 20:32	1
Selenium	<0.0023		0.0050	0.0023	mg/L		02/13/26 08:52	02/16/26 20:32	1
Sodium	**4.6**		0.50	0.25	mg/L		02/13/26 08:52	02/16/26 20:32	1
Thallium	<0.00019		0.0010	0.00019	mg/L		02/13/26 08:52	02/16/26 20:32	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		02/19/26 14:30	02/19/26 17:28	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**11**		3.0	3.0	mg/L			02/20/26 15:04	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**11**		3.0	3.0	mg/L			02/20/26 15:04	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			02/20/26 15:04	1
Total Dissolved Solids (SM 2540C - 2015)	**17**		10	10	mg/L			02/12/26 16:45	1
Sulfide (SM 4500 S2 F-2011)	<1.0		1.0	1.0	mg/L		02/15/26 12:20	02/15/26 17:36	1

Client Sample ID: WAN-WGWC-31D

Lab Sample ID: 705-57340-6
Date Collected: 02/10/26 10:58
Matrix: Water
Date Received: 02/11/26 15:30

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**9.6**		1.0	0.98	mg/L			02/20/26 21:39	1
Fluoride	**2.9**		0.20	0.081	mg/L			02/20/26 21:39	1
Sulfate	**23**		1.0	0.77	mg/L			02/20/26 21:39	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		02/12/26 12:52	02/19/26 17:33	1
Calcium	**28**		0.10	0.038	mg/L		02/12/26 12:52	02/19/26 17:33	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley Ash Pond Quarterly 3

Job ID: 705-57340-1

Client Sample ID: WAN-WGWC-31D

Lab Sample ID: 705-57340-6
Matrix: Water

Date Collected: 02/10/26 10:58
Date Received: 02/11/26 15:30

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	**0.047**		0.020	0.0037	mg/L		02/12/26 12:52	02/19/26 17:33	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		02/13/26 08:52	02/16/26 20:35	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		02/13/26 08:52	02/16/26 20:35	1
Barium	**0.0080**	**J**	0.010	0.00041	mg/L		02/13/26 08:52	02/16/26 20:35	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		02/13/26 08:52	02/16/26 20:35	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		02/13/26 08:52	02/16/26 20:35	1
Chromium	<0.0037		0.0050	0.0037	mg/L		02/13/26 08:52	02/16/26 20:35	1
Cobalt	**0.00044**	**J**	0.0050	0.00041	mg/L		02/13/26 08:52	02/16/26 20:35	1
Iron	**0.21**		0.10	0.018	mg/L		02/13/26 08:52	02/16/26 20:35	1
Lead	<0.00086		0.0010	0.00086	mg/L		02/13/26 08:52	02/16/26 20:35	1
Magnesium	**7.2**		0.10	0.016	mg/L		02/13/26 08:52	02/16/26 20:35	1
Manganese	**0.084**		0.0050	0.0013	mg/L		02/13/26 08:52	02/16/26 20:35	1
Molybdenum	**0.026**		0.0050	0.00069	mg/L		02/13/26 08:52	02/16/26 20:35	1
Potassium	**5.6**		0.10	0.044	mg/L		02/13/26 08:52	02/16/26 20:35	1
Selenium	<0.0023		0.0050	0.0023	mg/L		02/13/26 08:52	02/16/26 20:35	1
Sodium	**27**		0.50	0.25	mg/L		02/13/26 08:52	02/16/26 20:35	1
Thallium	<0.00019		0.0010	0.00019	mg/L		02/13/26 08:52	02/16/26 20:35	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		02/19/26 14:30	02/19/26 17:31	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**110**		3.0	3.0	mg/L			02/20/26 15:04	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**110**		3.0	3.0	mg/L			02/20/26 15:04	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			02/20/26 15:04	1
Total Dissolved Solids (SM 2540C - 2015)	**160**		10	10	mg/L			02/12/26 16:45	1
Sulfide (SM 4500 S2 F-2011)	<1.0		1.0	1.0	mg/L		02/15/26 12:20	02/15/26 17:36	1

Client Sample ID: WAN-AP1-EB-09

Lab Sample ID: 705-57340-7
Matrix: Water

Date Collected: 02/10/26 10:20
Date Received: 02/11/26 15:30

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.98		1.0	0.98	mg/L			02/20/26 21:50	1
Fluoride	**0.18**	**J**	0.20	0.081	mg/L			02/20/26 21:50	1
Sulfate	**1.0**		1.0	0.77	mg/L			02/20/26 21:50	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		02/12/26 12:52	02/19/26 17:36	1
Calcium	<0.038		0.10	0.038	mg/L		02/12/26 12:52	02/19/26 17:36	1
Lithium	<0.0037		0.020	0.0037	mg/L		02/12/26 12:52	02/19/26 17:36	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley Ash Pond Quarterly 3

Job ID: 705-57340-1

Client Sample ID: WAN-AP1-EB-09

Lab Sample ID: 705-57340-7
Date Collected: 02/10/26 10:20
Matrix: Water
Date Received: 02/11/26 15:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		02/13/26 08:52	02/16/26 20:38	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		02/13/26 08:52	02/16/26 20:38	1
Barium	<0.00041		0.010	0.00041	mg/L		02/13/26 08:52	02/16/26 20:38	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		02/13/26 08:52	02/16/26 20:38	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		02/13/26 08:52	02/16/26 20:38	1
Chromium	<0.0037		0.0050	0.0037	mg/L		02/13/26 08:52	02/16/26 20:38	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		02/13/26 08:52	02/16/26 20:38	1
Iron	<0.018		0.10	0.018	mg/L		02/13/26 08:52	02/16/26 20:38	1
Lead	<0.00086		0.0010	0.00086	mg/L		02/13/26 08:52	02/16/26 20:38	1
Magnesium	<0.016		0.10	0.016	mg/L		02/13/26 08:52	02/16/26 20:38	1
Manganese	<0.0013		0.0050	0.0013	mg/L		02/13/26 08:52	02/16/26 20:38	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		02/13/26 08:52	02/16/26 20:38	1
Potassium	<0.044		0.10	0.044	mg/L		02/13/26 08:52	02/16/26 20:38	1
Selenium	<0.0023		0.0050	0.0023	mg/L		02/13/26 08:52	02/16/26 20:38	1
Sodium	<0.25		0.50	0.25	mg/L		02/13/26 08:52	02/16/26 20:38	1
Thallium	<0.00019		0.0010	0.00019	mg/L		02/13/26 08:52	02/16/26 20:38	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		02/25/26 20:15	02/26/26 00:19	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			02/20/26 15:04	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			02/20/26 15:04	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			02/20/26 15:04	1
Total Dissolved Solids (SM 2540C - 2015)	<10		10	10	mg/L			02/12/26 16:45	1
Sulfide (SM 4500 S2 F-2011)	<1.0		1.0	1.0	mg/L		02/15/26 12:20	02/15/26 17:36	1

Client Sample ID: WAN-WGWC-36D

Lab Sample ID: 705-57340-8
Date Collected: 02/10/26 12:35
Matrix: Water
Date Received: 02/11/26 15:30

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2.7**		1.0	0.98	mg/L			02/20/26 22:02	1
Fluoride	**0.27**		0.20	0.081	mg/L			02/20/26 22:02	1
Sulfate	**3.3**		1.0	0.77	mg/L			02/20/26 22:02	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		02/12/26 12:52	02/19/26 17:45	1
Calcium	**7.7**		0.10	0.038	mg/L		02/12/26 12:52	02/19/26 17:45	1
Lithium	<0.0037		0.020	0.0037	mg/L		02/12/26 12:52	02/19/26 17:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		02/13/26 08:52	02/16/26 20:40	1

Client Sample ID: WAN-WGWC-36D

Lab Sample ID: 705-57340-8
Date Collected: 02/10/26 12:35
Matrix: Water
Date Received: 02/11/26 15:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.0013		0.0050	0.0013	mg/L		02/13/26 08:52	02/16/26 20:40	1
Barium	**0.029**		0.010	0.00041	mg/L		02/13/26 08:52	02/16/26 20:40	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		02/13/26 08:52	02/16/26 20:40	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		02/13/26 08:52	02/16/26 20:40	1
Chromium	<0.0037		0.0050	0.0037	mg/L		02/13/26 08:52	02/16/26 20:40	1
Cobalt	**0.0060**		0.0050	0.00041	mg/L		02/13/26 08:52	02/16/26 20:40	1
Iron	**0.91**		0.10	0.018	mg/L		02/13/26 08:52	02/16/26 20:40	1
Lead	<0.00086		0.0010	0.00086	mg/L		02/13/26 08:52	02/16/26 20:40	1
Magnesium	**3.0**		0.10	0.016	mg/L		02/13/26 08:52	02/16/26 20:40	1
Manganese	**0.96**		0.0050	0.0013	mg/L		02/13/26 08:52	02/16/26 20:40	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		02/13/26 08:52	02/16/26 20:40	1
Potassium	**2.3**		0.10	0.044	mg/L		02/13/26 08:52	02/16/26 20:40	1
Selenium	<0.0023		0.0050	0.0023	mg/L		02/13/26 08:52	02/16/26 20:40	1
Sodium	**10**		0.50	0.25	mg/L		02/13/26 08:52	02/16/26 20:40	1
Thallium	<0.00019		0.0010	0.00019	mg/L		02/13/26 08:52	02/16/26 20:40	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		02/19/26 14:30	02/19/26 17:49	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**49**		3.0	3.0	mg/L			02/20/26 15:04	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**49**		3.0	3.0	mg/L			02/20/26 15:04	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			02/20/26 15:04	1
Total Dissolved Solids (SM 2540C - 2015)	**54**		10	10	mg/L			02/12/26 16:45	1
Sulfide (SM 4500 S2 F-2011)	<1.0		1.0	1.0	mg/L		02/15/26 12:20	02/15/26 17:36	1

Client Sample ID: WAN-WGWC-37S

Lab Sample ID: 705-57340-9
Date Collected: 02/10/26 14:00
Matrix: Water
Date Received: 02/11/26 15:30

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**520**		20	20	mg/L			02/21/26 14:36	20
Fluoride	**0.45**		0.20	0.081	mg/L			02/20/26 22:13	1
Sulfate	**2.9**		1.0	0.77	mg/L			02/20/26 22:13	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**2.7**		0.080	0.026	mg/L		02/12/26 12:52	02/19/26 17:48	1
Calcium	**30**		0.10	0.038	mg/L		02/12/26 12:52	02/19/26 17:48	1
Lithium	**0.0047**	**J**	0.020	0.0037	mg/L		02/12/26 12:52	02/19/26 17:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		02/13/26 08:52	02/16/26 20:43	1
Arsenic	**0.0083**		0.0050	0.0013	mg/L		02/13/26 08:52	02/16/26 20:43	1

Client Sample ID: WAN-WGWC-37S

Lab Sample ID: 705-57340-9
Matrix: Water

Date Collected: 02/10/26 14:00
Date Received: 02/11/26 15:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	**1.2**		0.010	0.00041	mg/L		02/13/26 08:52	02/16/26 20:43	1
Beryllium	**0.0027**		0.0010	0.00015	mg/L		02/13/26 08:52	02/16/26 20:43	1
Cadmium	**0.0029**		0.00070	0.00024	mg/L		02/13/26 08:52	02/16/26 20:43	1
Chromium	<0.0037		0.0050	0.0037	mg/L		02/13/26 08:52	02/16/26 20:43	1
Cobalt	**0.75**		0.0050	0.00041	mg/L		02/13/26 08:52	02/16/26 20:43	1
Iron	**12**		0.10	0.018	mg/L		02/13/26 08:52	02/16/26 20:43	1
Lead	**0.0029**		0.0010	0.00086	mg/L		02/13/26 08:52	02/16/26 20:43	1
Magnesium	**94**		5.0	0.82	mg/L		02/13/26 08:52	02/16/26 20:46	50
Manganese	**80**		0.25	0.065	mg/L		02/13/26 08:52	02/16/26 20:46	50
Molybdenum	<0.00069		0.0050	0.00069	mg/L		02/13/26 08:52	02/16/26 20:43	1
Potassium	**13**		0.10	0.044	mg/L		02/13/26 08:52	02/16/26 20:43	1
Selenium	**0.017**		0.0050	0.0023	mg/L		02/13/26 08:52	02/16/26 20:43	1
Sodium	**42**		0.50	0.25	mg/L		02/13/26 08:52	02/16/26 20:43	1
Thallium	**0.0037**		0.0010	0.00019	mg/L		02/13/26 08:52	02/16/26 20:43	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		02/19/26 14:30	02/19/26 17:52	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			02/20/26 15:04	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			02/20/26 15:04	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			02/20/26 15:04	1
Total Dissolved Solids (SM 2540C - 2015)	**910**		20	20	mg/L			02/12/26 16:45	1
Sulfide (SM 4500 S2 F-2011)	<1.0		1.0	1.0	mg/L		02/15/26 12:20	02/15/26 17:36	1

Client Sample ID: WAN-WGWC-39

Lab Sample ID: 705-57340-10
Matrix: Water

Date Collected: 02/10/26 16:59
Date Received: 02/11/26 15:30

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1.9**		1.0	0.98	mg/L			02/20/26 22:24	1
Fluoride	**0.22**		0.20	0.081	mg/L			02/20/26 22:24	1
Sulfate	**1.0**		1.0	0.77	mg/L			02/20/26 22:24	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		02/12/26 12:52	02/19/26 17:51	1
Calcium	**0.88**		0.10	0.038	mg/L		02/12/26 12:52	02/19/26 17:51	1
Lithium	<0.0037		0.020	0.0037	mg/L		02/12/26 12:52	02/19/26 17:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		02/13/26 08:52	02/16/26 20:49	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		02/13/26 08:52	02/16/26 20:49	1
Barium	**0.048**		0.010	0.00041	mg/L		02/13/26 08:52	02/16/26 20:49	1

Client Sample ID: WAN-WGWC-39

Lab Sample ID: 705-57340-10

Date Collected: 02/10/26 16:59
Date Received: 02/11/26 15:30

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	**0.00031**	**J**	0.0010	0.00015	mg/L		02/13/26 08:52	02/16/26 20:49	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		02/13/26 08:52	02/16/26 20:49	1
Chromium	<0.0037		0.0050	0.0037	mg/L		02/13/26 08:52	02/16/26 20:49	1
Cobalt	**0.0034**	**J**	0.0050	0.00041	mg/L		02/13/26 08:52	02/16/26 20:49	1
Iron	**0.22**		0.10	0.018	mg/L		02/13/26 08:52	02/16/26 20:49	1
Lead	**0.0010**		0.0010	0.00086	mg/L		02/13/26 08:52	02/16/26 20:49	1
Magnesium	**2.1**		0.10	0.016	mg/L		02/13/26 08:52	02/16/26 20:49	1
Manganese	**0.14**		0.0050	0.0013	mg/L		02/13/26 08:52	02/16/26 20:49	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		02/13/26 08:52	02/16/26 20:49	1
Potassium	**1.6**		0.10	0.044	mg/L		02/13/26 08:52	02/16/26 20:49	1
Selenium	<0.0023		0.0050	0.0023	mg/L		02/13/26 08:52	02/16/26 20:49	1
Sodium	**1.9**		0.50	0.25	mg/L		02/13/26 08:52	02/16/26 20:49	1
Thallium	<0.00019		0.0010	0.00019	mg/L		02/13/26 08:52	02/16/26 20:49	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		02/25/26 20:15	02/26/26 00:23	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**3.3**		3.0	3.0	mg/L			02/20/26 15:04	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**3.3**		3.0	3.0	mg/L			02/20/26 15:04	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			02/20/26 15:04	1
Total Dissolved Solids (SM 2540C - 2015)	**15**		10	10	mg/L			02/12/26 16:45	1
Sulfide (SM 4500 S2 F-2011)	<1.0		1.0	1.0	mg/L		02/15/26 12:20	02/15/26 17:36	1

Client Sample ID: WAN-AP1-FB-15

Lab Sample ID: 705-57340-11

Date Collected: 02/10/26 15:30
Date Received: 02/11/26 15:30

Matrix: Water

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.98		1.0	0.98	mg/L			02/20/26 22:36	1
Fluoride	**0.20**		0.20	0.081	mg/L			02/20/26 22:36	1
Sulfate	**0.87**	**J**	1.0	0.77	mg/L			02/20/26 22:36	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		02/12/26 12:52	02/19/26 17:54	1
Calcium	<0.038		0.10	0.038	mg/L		02/12/26 12:52	02/19/26 17:54	1
Lithium	<0.0037		0.020	0.0037	mg/L		02/12/26 12:52	02/19/26 17:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		02/13/26 08:52	02/16/26 21:05	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		02/13/26 08:52	02/16/26 21:05	1
Barium	<0.00041		0.010	0.00041	mg/L		02/13/26 08:52	02/16/26 21:05	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		02/13/26 08:52	02/16/26 21:05	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley Ash Pond Quarterly 3

Job ID: 705-57340-1

Client Sample ID: WAN-AP1-FB-15

Lab Sample ID: 705-57340-11
Date Collected: 02/10/26 15:30
Matrix: Water
Date Received: 02/11/26 15:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	<0.00024		0.00070	0.00024	mg/L		02/13/26 08:52	02/16/26 21:05	1
Chromium	<0.0037		0.0050	0.0037	mg/L		02/13/26 08:52	02/16/26 21:05	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		02/13/26 08:52	02/16/26 21:05	1
Iron	<0.018		0.10	0.018	mg/L		02/13/26 08:52	02/16/26 21:05	1
Lead	<0.00086		0.0010	0.00086	mg/L		02/13/26 08:52	02/16/26 21:05	1
Magnesium	<0.016		0.10	0.016	mg/L		02/13/26 08:52	02/16/26 21:05	1
Manganese	<0.0013		0.0050	0.0013	mg/L		02/13/26 08:52	02/16/26 21:05	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		02/13/26 08:52	02/16/26 21:05	1
Potassium	<0.044		0.10	0.044	mg/L		02/13/26 08:52	02/16/26 21:05	1
Selenium	<0.0023		0.0050	0.0023	mg/L		02/13/26 08:52	02/16/26 21:05	1
Sodium	<0.25		0.50	0.25	mg/L		02/13/26 08:52	02/16/26 21:05	1
Thallium	<0.00019		0.0010	0.00019	mg/L		02/13/26 08:52	02/16/26 21:05	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.00017**	**J ^2**	0.00020	0.00017	mg/L		02/19/26 14:30	02/19/26 17:59	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**8.3**		3.0	3.0	mg/L			02/20/26 15:04	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**8.3**		3.0	3.0	mg/L			02/20/26 15:04	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			02/20/26 15:04	1
Total Dissolved Solids (SM 2540C - 2015)	<10		10	10	mg/L			02/17/26 12:05	1
Sulfide (SM 4500 S2 F-2011)	<1.0		1.0	1.0	mg/L		02/15/26 12:20	02/15/26 17:36	1

Client Sample ID: WAN-WGWC-41

Lab Sample ID: 705-57432-1
Date Collected: 02/11/26 09:50
Matrix: Water
Date Received: 02/12/26 14:48

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2.7**	**F1**	1.0	0.98	mg/L			02/14/26 12:51	1
Fluoride	**1.4**	**F1**	0.20	0.081	mg/L			02/14/26 12:51	1
Sulfate	**110**	**F1**	10	7.7	mg/L			02/14/26 19:46	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**0.031**	**J**	0.080	0.026	mg/L		02/12/26 17:55	02/18/26 10:59	1
Calcium	**23**		0.10	0.038	mg/L		02/12/26 17:55	02/18/26 10:59	1
Lithium	**0.018**	**J B**	0.020	0.0037	mg/L		02/12/26 17:55	02/18/26 10:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		02/12/26 16:40	02/16/26 17:38	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		02/12/26 16:40	02/16/26 17:38	1
Barium	**0.0042**	**J**	0.010	0.00041	mg/L		02/12/26 16:40	02/16/26 17:38	1
Beryllium	**0.0034**		0.0010	0.00015	mg/L		02/12/26 16:40	02/16/26 17:38	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		02/12/26 16:40	02/16/26 17:38	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley Ash Pond Quarterly 3

Job ID: 705-57340-1

Client Sample ID: WAN-WGWC-41

Lab Sample ID: 705-57432-1
Date Collected: 02/11/26 09:50
Matrix: Water
Date Received: 02/12/26 14:48

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.0037		0.0050	0.0037	mg/L		02/12/26 16:40	02/16/26 17:38	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		02/12/26 16:40	02/16/26 17:38	1
Iron	**0.039**	**J**	0.10	0.018	mg/L		02/12/26 16:40	02/16/26 17:38	1
Lead	<0.00086		0.0010	0.00086	mg/L		02/12/26 16:40	02/16/26 17:38	1
Magnesium	**7.3**		0.10	0.016	mg/L		02/12/26 16:40	02/16/26 17:38	1
Manganese	**0.097**		0.0050	0.0013	mg/L		02/12/26 16:40	02/16/26 17:38	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		02/12/26 16:40	02/16/26 17:38	1
Potassium	**5.1**		0.10	0.044	mg/L		02/12/26 16:40	02/16/26 17:38	1
Selenium	<0.0023		0.0050	0.0023	mg/L		02/12/26 16:40	02/16/26 17:38	1
Sodium	**15**		0.50	0.25	mg/L		02/12/26 16:40	02/16/26 17:38	1
Thallium	<0.00019		0.0010	0.00019	mg/L		02/12/26 16:40	02/16/26 17:38	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		02/25/26 13:54	02/26/26 21:42	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**9.4**		3.0	3.0	mg/L			02/24/26 12:10	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**9.4**		3.0	3.0	mg/L			02/24/26 12:10	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			02/24/26 12:10	1
Total Dissolved Solids (SM 2540C - 2015)	**200**		10	10	mg/L			02/17/26 16:45	1

Client Sample ID: WAN-WGWC-40

Lab Sample ID: 705-57432-2
Date Collected: 02/11/26 10:46
Matrix: Water
Date Received: 02/12/26 14:48

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**12**		1.0	0.98	mg/L			02/14/26 13:37	1
Fluoride	**0.10**	**J**	0.20	0.081	mg/L			02/14/26 13:37	1
Sulfate	<0.77		1.0	0.77	mg/L			02/14/26 13:37	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		02/12/26 17:55	02/17/26 10:46	1
Calcium	**0.064**	**J**	0.10	0.038	mg/L		02/12/26 17:55	02/17/26 10:46	1
Lithium	**0.0049**	**J B**	0.020	0.0037	mg/L		02/12/26 17:55	02/18/26 10:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		02/12/26 16:40	02/16/26 17:40	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		02/12/26 16:40	02/16/26 17:40	1
Barium	**0.16**		0.010	0.00041	mg/L		02/12/26 16:40	02/16/26 17:40	1
Beryllium	**0.00019**	**J**	0.0010	0.00015	mg/L		02/12/26 16:40	02/16/26 17:40	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		02/12/26 16:40	02/16/26 17:40	1
Chromium	<0.0037		0.0050	0.0037	mg/L		02/12/26 16:40	02/16/26 17:40	1
Cobalt	**0.0015**	**J**	0.0050	0.00041	mg/L		02/12/26 16:40	02/16/26 17:40	1

Client Sample ID: WAN-WGWC-40

Lab Sample ID: 705-57432-2
Matrix: Water

Date Collected: 02/11/26 10:46
Date Received: 02/12/26 14:48

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	<0.018		0.10	0.018	mg/L		02/12/26 16:40	02/16/26 17:40	1
Lead	<0.00086		0.0010	0.00086	mg/L		02/12/26 16:40	02/16/26 17:40	1
Magnesium	**0.95**		0.10	0.016	mg/L		02/12/26 16:40	02/16/26 17:40	1
Manganese	**0.033**		0.0050	0.0013	mg/L		02/12/26 16:40	02/16/26 17:40	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		02/12/26 16:40	02/16/26 17:40	1
Potassium	**3.5**		0.10	0.044	mg/L		02/12/26 16:40	02/16/26 17:40	1
Selenium	<0.0023		0.0050	0.0023	mg/L		02/12/26 16:40	02/16/26 17:40	1
Sodium	**6.5**		0.50	0.25	mg/L		02/12/26 16:40	02/16/26 17:40	1
Thallium	<0.00019		0.0010	0.00019	mg/L		02/12/26 16:40	02/16/26 17:40	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		02/25/26 13:54	02/26/26 22:02	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**4.0**		3.0	3.0	mg/L			02/24/26 12:10	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**4.0**		3.0	3.0	mg/L			02/24/26 12:10	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			02/24/26 12:10	1
Total Dissolved Solids (SM 2540C - 2015)	**33**		10	10	mg/L			02/17/26 16:45	1
Sulfide (SM 4500 S2 F-2011)	<1.0	F1	1.0	1.0	mg/L		02/15/26 12:20	02/15/26 17:36	1

Client Sample ID: WAN-WGWC-34D

Lab Sample ID: 705-57432-3
Matrix: Water

Date Collected: 02/11/26 11:05
Date Received: 02/12/26 14:48

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**130**		10	9.8	mg/L			02/24/26 12:19	10
Fluoride	**0.58**		0.20	0.081	mg/L			02/14/26 14:23	1
Sulfate	**420**		10	7.7	mg/L			02/24/26 12:19	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**8.4**		0.080	0.026	mg/L		02/12/26 17:55	02/18/26 11:02	1
Calcium	**100**		0.10	0.038	mg/L		02/12/26 17:55	02/18/26 11:02	1
Lithium	**0.011**	**J B**	0.020	0.0037	mg/L		02/12/26 17:55	02/18/26 11:02	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		02/12/26 16:40	02/16/26 17:43	1
Arsenic	**0.0056**		0.0050	0.0013	mg/L		02/12/26 16:40	02/25/26 15:55	1
Barium	**0.044**		0.010	0.00041	mg/L		02/12/26 16:40	02/16/26 17:43	1
Beryllium	**0.0030**		0.0010	0.00015	mg/L		02/12/26 16:40	02/16/26 17:43	1
Cadmium	**0.0029**		0.00070	0.00024	mg/L		02/12/26 16:40	02/16/26 17:43	1
Chromium	<0.0037		0.0050	0.0037	mg/L		02/12/26 16:40	02/16/26 17:43	1
Cobalt	**0.17**		0.0050	0.00041	mg/L		02/12/26 16:40	02/16/26 17:43	1
Iron	<0.018		0.10	0.018	mg/L		02/12/26 16:40	02/16/26 17:43	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley Ash Pond Quarterly 3

Job ID: 705-57340-1

Client Sample ID: WAN-WGWC-34D

Lab Sample ID: 705-57432-3
Date Collected: 02/11/26 11:05
Matrix: Water
Date Received: 02/12/26 14:48

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	<0.00086		0.0010	0.00086	mg/L		02/12/26 16:40	02/16/26 17:43	1
Magnesium	**90**		0.50	0.082	mg/L		02/12/26 16:40	02/16/26 17:46	5
Manganese	**6.7**		0.025	0.0065	mg/L		02/12/26 16:40	02/16/26 17:46	5
Molybdenum	<0.00069		0.0050	0.00069	mg/L		02/12/26 16:40	02/16/26 17:43	1
Potassium	**6.7**		0.10	0.044	mg/L		02/12/26 16:40	02/16/26 17:43	1
Selenium	**0.019**		0.0050	0.0023	mg/L		02/12/26 16:40	02/16/26 17:43	1
Sodium	**17**		0.50	0.25	mg/L		02/12/26 16:40	02/16/26 17:43	1
Thallium	<0.00019		0.0010	0.00019	mg/L		02/12/26 16:40	02/16/26 17:43	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		02/25/26 13:54	02/26/26 22:06	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**25**		3.0	3.0	mg/L			02/24/26 12:10	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**25**		3.0	3.0	mg/L			02/24/26 12:10	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			02/24/26 12:10	1
Total Dissolved Solids (SM 2540C - 2015)	**810**		10	10	mg/L			02/17/26 16:45	1
Sulfide (SM 4500 S2 F-2011)	<1.0		1.0	1.0	mg/L		02/15/26 12:20	02/15/26 17:36	1

Client Sample ID: WAN-WGWC-32

Lab Sample ID: 705-57432-4
Date Collected: 02/11/26 11:54
Matrix: Water
Date Received: 02/12/26 14:48

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**6.6**		1.0	0.98	mg/L			02/14/26 14:35	1
Fluoride	**0.16**	**J**	0.20	0.081	mg/L			02/14/26 14:35	1
Sulfate	**44**		1.0	0.77	mg/L			02/14/26 14:35	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**0.30**		0.080	0.026	mg/L		02/12/26 17:55	02/18/26 11:05	1
Calcium	**10**		0.10	0.038	mg/L		02/12/26 17:55	02/18/26 11:05	1
Lithium	**0.0070**	**J B**	0.020	0.0037	mg/L		02/12/26 17:55	02/18/26 11:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		02/12/26 16:40	02/16/26 17:49	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		02/12/26 16:40	02/16/26 17:49	1
Barium	**0.065**		0.010	0.00041	mg/L		02/12/26 16:40	02/16/26 17:49	1
Beryllium	**0.0021**		0.0010	0.00015	mg/L		02/12/26 16:40	02/16/26 17:49	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		02/12/26 16:40	02/16/26 17:49	1
Chromium	<0.0037		0.0050	0.0037	mg/L		02/12/26 16:40	02/16/26 17:49	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		02/12/26 16:40	02/16/26 17:49	1
Iron	**0.13**		0.10	0.018	mg/L		02/12/26 16:40	02/16/26 17:49	1
Lead	<0.00086		0.0010	0.00086	mg/L		02/12/26 16:40	02/16/26 17:49	1

Client Sample ID: WAN-WGWC-32

Lab Sample ID: 705-57432-4
Date Collected: 02/11/26 11:54
Matrix: Water
Date Received: 02/12/26 14:48

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Magnesium	2.1		0.10	0.016	mg/L		02/12/26 16:40	02/16/26 17:49	1
Manganese	0.11		0.0050	0.0013	mg/L		02/12/26 16:40	02/16/26 17:49	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		02/12/26 16:40	02/16/26 17:49	1
Potassium	5.8		0.10	0.044	mg/L		02/12/26 16:40	02/16/26 17:49	1
Selenium	0.0030	J	0.0050	0.0023	mg/L		02/12/26 16:40	02/16/26 17:49	1
Sodium	13		0.50	0.25	mg/L		02/12/26 16:40	02/16/26 17:49	1
Thallium	<0.00019		0.0010	0.00019	mg/L		02/12/26 16:40	02/16/26 17:49	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		02/25/26 13:54	02/26/26 22:09	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	11		3.0	3.0	mg/L			02/24/26 12:10	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	11		3.0	3.0	mg/L			02/24/26 12:10	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			02/24/26 12:10	1
Total Dissolved Solids (SM 2540C - 2015)	120		10	10	mg/L			02/17/26 16:45	1
Sulfide (SM 4500 S2 F-2011)	<1.0		1.0	1.0	mg/L		02/15/26 12:20	02/15/26 17:36	1

Client Sample ID: WAN-WGWC-35D

Lab Sample ID: 705-57432-5
Date Collected: 02/11/26 12:20
Matrix: Water
Date Received: 02/12/26 14:48

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	12		1.0	0.98	mg/L			02/18/26 21:41	1
Fluoride	0.17	J	0.20	0.081	mg/L			02/18/26 21:41	1
Sulfate	2.8		1.0	0.77	mg/L			02/18/26 21:41	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		02/12/26 17:55	02/18/26 11:08	1
Calcium	54		0.10	0.038	mg/L		02/12/26 17:55	02/18/26 11:08	1
Lithium	0.0052	J B	0.020	0.0037	mg/L		02/12/26 17:55	02/18/26 11:08	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		02/12/26 16:40	02/16/26 17:51	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		02/12/26 16:40	02/16/26 17:51	1
Barium	0.19		0.010	0.00041	mg/L		02/12/26 16:40	02/16/26 17:51	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		02/12/26 16:40	02/16/26 17:51	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		02/12/26 16:40	02/16/26 17:51	1
Chromium	<0.0037		0.0050	0.0037	mg/L		02/12/26 16:40	02/16/26 17:51	1
Cobalt	0.0032	J	0.0050	0.00041	mg/L		02/12/26 16:40	02/16/26 17:51	1
Iron	1.4		0.10	0.018	mg/L		02/12/26 16:40	02/16/26 17:51	1
Lead	<0.00086		0.0010	0.00086	mg/L		02/12/26 16:40	02/16/26 17:51	1
Magnesium	12		0.10	0.016	mg/L		02/12/26 16:40	02/16/26 17:51	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley Ash Pond Quarterly 3

Job ID: 705-57340-1

Client Sample ID: WAN-WGWC-35D

Lab Sample ID: 705-57432-5
Matrix: Water

Date Collected: 02/11/26 12:20
Date Received: 02/12/26 14:48

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	0.85		0.0050	0.0013	mg/L		02/12/26 16:40	02/16/26 17:51	1
Molybdenum	0.00071	J	0.0050	0.00069	mg/L		02/12/26 16:40	02/16/26 17:51	1
Potassium	6.0		0.10	0.044	mg/L		02/12/26 16:40	02/16/26 17:51	1
Selenium	<0.0023		0.0050	0.0023	mg/L		02/12/26 16:40	02/16/26 17:51	1
Sodium	11		0.50	0.25	mg/L		02/12/26 16:40	02/16/26 17:51	1
Thallium	<0.00019		0.0010	0.00019	mg/L		02/12/26 16:40	02/16/26 17:51	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		02/25/26 13:54	02/26/26 22:13	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	200		3.0	3.0	mg/L			02/24/26 12:10	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	200		3.0	3.0	mg/L			02/24/26 12:10	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			02/24/26 12:10	1
Total Dissolved Solids (SM 2540C - 2015)	210		10	10	mg/L			02/17/26 16:45	1
Sulfide (SM 4500 S2 F-2011)	<1.0		1.0	1.0	mg/L		02/15/26 12:20	02/15/26 17:36	1

Client Sample ID: WAN-WGWC-33

Lab Sample ID: 705-57432-6
Matrix: Water

Date Collected: 02/11/26 13:17
Date Received: 02/12/26 14:48

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	20		1.0	0.98	mg/L			02/18/26 21:53	1
Fluoride	0.94		0.20	0.081	mg/L			02/18/26 21:53	1
Sulfate	310		10	7.7	mg/L			02/19/26 20:42	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	1.1		0.080	0.026	mg/L		02/12/26 17:55	02/18/26 11:17	1
Calcium	98		0.10	0.038	mg/L		02/12/26 17:55	02/18/26 11:17	1
Lithium	0.026	B	0.020	0.0037	mg/L		02/12/26 17:55	02/18/26 11:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		02/12/26 16:40	02/16/26 17:54	1
Arsenic	0.0046	J	0.0050	0.0013	mg/L		02/12/26 16:40	02/16/26 17:54	1
Barium	0.013		0.010	0.00041	mg/L		02/12/26 16:40	02/16/26 17:54	1
Beryllium	0.0093		0.0010	0.00015	mg/L		02/12/26 16:40	02/16/26 17:54	1
Cadmium	0.0020		0.00070	0.00024	mg/L		02/12/26 16:40	02/16/26 17:54	1
Chromium	<0.0037		0.0050	0.0037	mg/L		02/12/26 16:40	02/16/26 17:54	1
Cobalt	0.0027	J	0.0050	0.00041	mg/L		02/12/26 16:40	02/16/26 17:54	1
Iron	<0.018		0.10	0.018	mg/L		02/12/26 16:40	02/16/26 17:54	1
Lead	<0.00086		0.0010	0.00086	mg/L		02/12/26 16:40	02/16/26 17:54	1
Magnesium	14		0.10	0.016	mg/L		02/12/26 16:40	02/16/26 17:54	1
Manganese	4.6		0.0050	0.0013	mg/L		02/12/26 16:40	02/16/26 17:54	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley Ash Pond Quarterly 3

Job ID: 705-57340-1

Client Sample ID: WAN-WGWC-33

Lab Sample ID: 705-57432-6
Matrix: Water

Date Collected: 02/11/26 13:17
Date Received: 02/12/26 14:48

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Molybdenum	<0.00069		0.0050	0.00069	mg/L		02/12/26 16:40	02/16/26 17:54	1
Potassium	**9.5**		0.10	0.044	mg/L		02/12/26 16:40	02/16/26 17:54	1
Selenium	**0.012**		0.0050	0.0023	mg/L		02/12/26 16:40	02/16/26 17:54	1
Sodium	**24**		0.50	0.25	mg/L		02/12/26 16:40	02/16/26 17:54	1
Thallium	<0.00019		0.0010	0.00019	mg/L		02/12/26 16:40	02/16/26 17:54	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		02/25/26 13:54	02/26/26 22:16	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**9.2**		3.0	3.0	mg/L			02/24/26 12:10	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**9.2**		3.0	3.0	mg/L			02/24/26 12:10	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			02/24/26 12:10	1
Total Dissolved Solids (SM 2540C - 2015)	**510**		10	10	mg/L			02/17/26 16:45	1
Sulfide (SM 4500 S2 F-2011)	<1.0		1.0	1.0	mg/L		02/15/26 14:22	02/16/26 12:30	1

Client Sample ID: WAN-AP1-FD-10

Lab Sample ID: 705-57432-7
Matrix: Water

Date Collected: 02/11/26 00:00
Date Received: 02/12/26 14:48

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**6.5**		1.0	0.98	mg/L			02/18/26 22:04	1
Fluoride	**0.16**	**J**	0.20	0.081	mg/L			02/18/26 22:04	1
Sulfate	**43**		1.0	0.77	mg/L			02/18/26 22:04	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**0.31**		0.080	0.026	mg/L		02/12/26 17:55	02/18/26 11:20	1
Calcium	**11**		0.10	0.038	mg/L		02/12/26 17:55	02/18/26 11:20	1
Lithium	**0.0072**	**J B**	0.020	0.0037	mg/L		02/12/26 17:55	02/18/26 11:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		02/12/26 16:40	02/16/26 18:00	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		02/12/26 16:40	02/16/26 18:00	1
Barium	**0.063**		0.010	0.00041	mg/L		02/12/26 16:40	02/16/26 18:00	1
Beryllium	**0.0020**		0.0010	0.00015	mg/L		02/12/26 16:40	02/16/26 18:00	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		02/12/26 16:40	02/16/26 18:00	1
Chromium	<0.0037		0.0050	0.0037	mg/L		02/12/26 16:40	02/16/26 18:00	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		02/12/26 16:40	02/16/26 18:00	1
Iron	**0.13**		0.10	0.018	mg/L		02/12/26 16:40	02/16/26 18:00	1
Lead	<0.00086		0.0010	0.00086	mg/L		02/12/26 16:40	02/16/26 18:00	1
Magnesium	**2.2**		0.10	0.016	mg/L		02/12/26 16:40	02/16/26 18:00	1
Manganese	**0.11**		0.0050	0.0013	mg/L		02/12/26 16:40	02/16/26 18:00	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		02/12/26 16:40	02/16/26 18:00	1

Client Sample ID: WAN-AP1-FD-10

Lab Sample ID: 705-57432-7
Date Collected: 02/11/26 00:00
Matrix: Water
Date Received: 02/12/26 14:48

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Potassium	5.7		0.10	0.044	mg/L		02/12/26 16:40	02/16/26 18:00	1
Selenium	0.0030	J	0.0050	0.0023	mg/L		02/12/26 16:40	02/16/26 18:00	1
Sodium	13		0.50	0.25	mg/L		02/12/26 16:40	02/16/26 18:00	1
Thallium	<0.00019		0.0010	0.00019	mg/L		02/12/26 16:40	02/16/26 18:00	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		02/25/26 13:54	02/26/26 22:20	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	11		3.0	3.0	mg/L			02/24/26 12:10	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	11		3.0	3.0	mg/L			02/24/26 12:10	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			02/24/26 12:10	1
Total Dissolved Solids (SM 2540C - 2015)	110		10	10	mg/L			02/17/26 16:45	1
Sulfide (SM 4500 S2 F-2011)	<1.0		1.0	1.0	mg/L		02/15/26 14:22	02/16/26 12:30	1

Client Sample ID: WAN-WGWC-36S

Lab Sample ID: 705-57432-8
Date Collected: 02/11/26 15:40
Matrix: Water
Date Received: 02/12/26 14:48

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<20		20	20	mg/L			02/18/26 22:16	20
Fluoride	1.8	J	4.0	1.6	mg/L			02/18/26 22:16	20
Sulfate	15	J	20	15	mg/L			02/18/26 22:16	20

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		02/12/26 17:55	02/18/26 11:23	1
Calcium	27		0.10	0.038	mg/L		02/12/26 17:55	02/18/26 11:23	1
Lithium	0.0044	J B	0.020	0.0037	mg/L		02/12/26 17:55	02/18/26 11:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		02/12/26 16:40	02/16/26 18:03	1
Arsenic	0.0015	J	0.0050	0.0013	mg/L		02/12/26 16:40	02/16/26 18:03	1
Barium	0.068		0.010	0.00041	mg/L		02/12/26 16:40	02/16/26 18:03	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		02/12/26 16:40	02/16/26 18:03	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		02/12/26 16:40	02/16/26 18:03	1
Chromium	<0.0037		0.0050	0.0037	mg/L		02/12/26 16:40	02/16/26 18:03	1
Cobalt	0.031		0.0050	0.00041	mg/L		02/12/26 16:40	02/16/26 18:03	1
Iron	8.2		0.10	0.018	mg/L		02/12/26 16:40	02/16/26 18:03	1
Lead	<0.00086		0.0010	0.00086	mg/L		02/12/26 16:40	02/16/26 18:03	1
Magnesium	6.1		0.10	0.016	mg/L		02/12/26 16:40	02/16/26 18:03	1
Manganese	7.2		0.025	0.0065	mg/L		02/12/26 16:40	02/16/26 18:19	5
Molybdenum	<0.00069		0.0050	0.00069	mg/L		02/12/26 16:40	02/16/26 18:03	1
Potassium	8.3		0.10	0.044	mg/L		02/12/26 16:40	02/16/26 18:03	1

Client Sample ID: WAN-WGWC-36S

Lab Sample ID: 705-57432-8
Date Collected: 02/11/26 15:40
Matrix: Water
Date Received: 02/12/26 14:48

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	<0.0023		0.0050	0.0023	mg/L		02/12/26 16:40	02/16/26 18:03	1
Sodium	**19**		0.50	0.25	mg/L		02/12/26 16:40	02/16/26 18:03	1
Thallium	<0.00019		0.0010	0.00019	mg/L		02/12/26 16:40	02/16/26 18:03	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		02/25/26 13:54	02/26/26 22:23	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**130**		3.0	3.0	mg/L			02/24/26 12:10	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**130**		3.0	3.0	mg/L			02/24/26 12:10	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			02/24/26 12:10	1
Total Dissolved Solids (SM 2540C - 2015)	**160**		10	10	mg/L			02/17/26 16:45	1
Sulfide (SM 4500 S2 F-2011)	<1.0		1.0	1.0	mg/L		02/15/26 14:22	02/16/26 12:30	1

Client Sample ID: WAN-AP1-FB-16

Lab Sample ID: 705-57432-9
Date Collected: 02/11/26 15:00
Matrix: Water
Date Received: 02/12/26 14:48

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.98		1.0	0.98	mg/L			02/18/26 23:02	1
Fluoride	**0.096**	**J**	0.20	0.081	mg/L			02/18/26 23:02	1
Sulfate	**1.2**		1.0	0.77	mg/L			02/18/26 23:02	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		02/12/26 17:55	02/18/26 11:26	1
Calcium	**0.038**	**J**	0.10	0.038	mg/L		02/12/26 17:55	02/18/26 11:26	1
Lithium	**0.0037**	**J B**	0.020	0.0037	mg/L		02/12/26 17:55	02/18/26 11:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		02/12/26 16:40	02/16/26 18:21	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		02/12/26 16:40	02/16/26 18:21	1
Barium	<0.00041		0.010	0.00041	mg/L		02/12/26 16:40	02/16/26 18:21	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		02/12/26 16:40	02/16/26 18:21	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		02/12/26 16:40	02/16/26 18:21	1
Chromium	<0.0037		0.0050	0.0037	mg/L		02/12/26 16:40	02/16/26 18:21	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		02/12/26 16:40	02/16/26 18:21	1
Iron	<0.018		0.10	0.018	mg/L		02/12/26 16:40	02/16/26 18:21	1
Lead	<0.00086		0.0010	0.00086	mg/L		02/12/26 16:40	02/16/26 18:21	1
Magnesium	<0.016		0.10	0.016	mg/L		02/12/26 16:40	02/16/26 18:21	1
Manganese	<0.0013		0.0050	0.0013	mg/L		02/12/26 16:40	02/16/26 18:21	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		02/12/26 16:40	02/16/26 18:21	1
Potassium	<0.044		0.10	0.044	mg/L		02/12/26 16:40	02/16/26 18:21	1
Selenium	<0.0023		0.0050	0.0023	mg/L		02/12/26 16:40	02/16/26 18:21	1

Client Sample ID: WAN-AP1-FB-16

Lab Sample ID: 705-57432-9
Date Collected: 02/11/26 15:00
Matrix: Water
Date Received: 02/12/26 14:48

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sodium	<0.25		0.50	0.25	mg/L		02/12/26 16:40	02/16/26 18:21	1
Thallium	<0.00019		0.0010	0.00019	mg/L		02/12/26 16:40	02/16/26 18:21	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		02/25/26 13:54	02/26/26 22:27	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			02/24/26 12:10	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			02/24/26 12:10	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			02/24/26 12:10	1
Total Dissolved Solids (SM 2540C - 2015)	<10		10	10	mg/L			02/17/26 16:45	1
Sulfide (SM 4500 S2 F-2011)	<1.0		1.0	1.0	mg/L		02/15/26 14:22	02/16/26 12:30	1

Client Sample ID: WAN-WGWC-35S

Lab Sample ID: 705-57432-10
Date Collected: 02/12/26 10:55
Matrix: Water
Date Received: 02/12/26 14:48

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**5.9**		1.0	0.98	mg/L			02/18/26 23:14	1
Fluoride	**0.26**		0.20	0.081	mg/L			02/18/26 23:14	1
Sulfate	**2.5**		1.0	0.77	mg/L			02/18/26 23:14	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		02/12/26 17:55	02/18/26 11:29	1
Calcium	**50**		0.10	0.038	mg/L		02/12/26 17:55	02/18/26 11:29	1
Lithium	**0.0039**	**J B**	0.020	0.0037	mg/L		02/12/26 17:55	02/18/26 11:29	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		02/12/26 16:40	02/16/26 18:24	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		02/12/26 16:40	02/16/26 18:24	1
Barium	**0.032**		0.010	0.00041	mg/L		02/12/26 16:40	02/16/26 18:24	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		02/12/26 16:40	02/16/26 18:24	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		02/12/26 16:40	02/16/26 18:24	1
Chromium	<0.0037		0.0050	0.0037	mg/L		02/12/26 16:40	02/16/26 18:24	1
Cobalt	**0.010**		0.0050	0.00041	mg/L		02/12/26 16:40	02/16/26 18:24	1
Iron	**0.66**		0.10	0.018	mg/L		02/12/26 16:40	02/16/26 18:24	1
Lead	<0.00086		0.0010	0.00086	mg/L		02/12/26 16:40	02/16/26 18:24	1
Magnesium	**3.9**		0.10	0.016	mg/L		02/12/26 16:40	02/16/26 18:24	1
Manganese	**3.4**		0.0050	0.0013	mg/L		02/12/26 16:40	02/16/26 18:24	1
Molybdenum	**0.0011**	**J**	0.0050	0.00069	mg/L		02/12/26 16:40	02/16/26 18:24	1
Potassium	**2.7**		0.10	0.044	mg/L		02/12/26 16:40	02/16/26 18:24	1
Selenium	<0.0023		0.0050	0.0023	mg/L		02/12/26 16:40	02/16/26 18:24	1
Sodium	**32**		0.50	0.25	mg/L		02/12/26 16:40	02/16/26 18:24	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley Ash Pond Quarterly 3

Job ID: 705-57340-1

Client Sample ID: WAN-WGWC-35S

Lab Sample ID: 705-57432-10
Date Collected: 02/12/26 10:55
Matrix: Water
Date Received: 02/12/26 14:48

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Thallium	0.00021	J	0.0010	0.00019	mg/L		02/12/26 16:40	02/16/26 18:24	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		02/25/26 13:54	02/26/26 22:41	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	200		3.0	3.0	mg/L			02/24/26 12:10	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	200		3.0	3.0	mg/L			02/24/26 12:10	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			02/24/26 12:10	1
Total Dissolved Solids (SM 2540C - 2015)	210		10	10	mg/L			02/17/26 16:45	1
Sulfide (SM 4500 S2 F-2011)	<1.0	F1	1.0	1.0	mg/L		02/17/26 10:02	02/17/26 12:05	1

Client Sample ID: WAN-WGWC-38D

Lab Sample ID: 705-57432-11
Date Collected: 02/12/26 11:03
Matrix: Water
Date Received: 02/12/26 14:48

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1000		50	49	mg/L			02/20/26 11:48	50
Fluoride	0.21		0.20	0.081	mg/L			02/18/26 23:25	1
Sulfate	1200		50	38	mg/L			02/20/26 11:48	50

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	48		0.080	0.026	mg/L		02/12/26 17:55	02/18/26 11:32	1
Calcium	1000		1.0	0.38	mg/L		02/12/26 17:55	02/18/26 11:41	10
Lithium	0.0065	J B	0.020	0.0037	mg/L		02/12/26 17:55	02/18/26 11:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		02/12/26 16:40	02/16/26 18:27	1
Arsenic	0.11		0.0050	0.0013	mg/L		02/12/26 16:40	02/16/26 18:27	1
Barium	0.031		0.010	0.00041	mg/L		02/12/26 16:40	02/16/26 18:27	1
Beryllium	0.00029	J	0.0010	0.00015	mg/L		02/12/26 16:40	02/16/26 18:27	1
Cadmium	0.0049		0.00070	0.00024	mg/L		02/12/26 16:40	02/16/26 18:27	1
Chromium	<0.0037		0.0050	0.0037	mg/L		02/12/26 16:40	02/16/26 18:27	1
Cobalt	0.12		0.0050	0.00041	mg/L		02/12/26 16:40	02/16/26 18:27	1
Iron	0.56		0.10	0.018	mg/L		02/12/26 16:40	02/16/26 18:27	1
Lead	0.020		0.0010	0.00086	mg/L		02/12/26 16:40	02/16/26 18:27	1
Magnesium	9.0		0.10	0.016	mg/L		02/12/26 16:40	02/16/26 18:27	1
Manganese	14		0.025	0.0065	mg/L		02/12/26 16:40	02/16/26 18:30	5
Molybdenum	<0.00069		0.0050	0.00069	mg/L		02/12/26 16:40	02/16/26 18:27	1
Potassium	35		0.10	0.044	mg/L		02/12/26 16:40	02/16/26 18:27	1
Selenium	0.062		0.0050	0.0023	mg/L		02/12/26 16:40	02/16/26 18:27	1
Sodium	28		0.50	0.25	mg/L		02/12/26 16:40	02/16/26 18:27	1
Thallium	0.0043		0.0010	0.00019	mg/L		02/12/26 16:40	02/16/26 18:27	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley Ash Pond Quarterly 3

Job ID: 705-57340-1

Client Sample ID: WAN-WGWC-38D

Lab Sample ID: 705-57432-11
Date Collected: 02/12/26 11:03
Matrix: Water
Date Received: 02/12/26 14:48

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		02/25/26 13:54	02/26/26 22:44	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**3.3**		3.0	3.0	mg/L			02/24/26 12:10	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**3.3**		3.0	3.0	mg/L			02/24/26 12:10	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			02/24/26 12:10	1
Total Dissolved Solids (SM 2540C - 2015)	**4900**		40	40	mg/L			02/17/26 16:45	1
Sulfide (SM 4500 S2 F-2011)	<1.0		1.0	1.0	mg/L		02/17/26 10:02	02/17/26 12:05	1

Client Sample ID: WAN-WGWC-38S

Lab Sample ID: 705-57432-12
Date Collected: 02/12/26 11:36
Matrix: Water
Date Received: 02/12/26 14:48

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<20		20	20	mg/L			02/18/26 23:37	20
Fluoride	**2.2**	**J**	4.0	1.6	mg/L			02/18/26 23:37	20
Sulfate	<15		20	15	mg/L			02/18/26 23:37	20

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**0.076**	**J**	0.080	0.026	mg/L		02/12/26 17:55	02/18/26 11:35	1
Calcium	**60**		0.10	0.038	mg/L		02/12/26 17:55	02/18/26 11:35	1
Lithium	**0.0043**	**J B**	0.020	0.0037	mg/L		02/12/26 17:55	02/18/26 11:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		02/12/26 16:40	02/16/26 18:32	1
Arsenic	**0.0026**	**J**	0.0050	0.0013	mg/L		02/12/26 16:40	02/16/26 18:32	1
Barium	**0.14**		0.010	0.00041	mg/L		02/12/26 16:40	02/16/26 18:32	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		02/12/26 16:40	02/16/26 18:32	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		02/12/26 16:40	02/16/26 18:32	1
Chromium	<0.0037		0.0050	0.0037	mg/L		02/12/26 16:40	02/16/26 18:32	1
Cobalt	**0.047**		0.0050	0.00041	mg/L		02/12/26 16:40	02/16/26 18:32	1
Iron	**77**		0.50	0.089	mg/L		02/12/26 16:40	02/16/26 18:36	5
Lead	<0.00086		0.0010	0.00086	mg/L		02/12/26 16:40	02/16/26 18:32	1
Magnesium	**5.7**		0.10	0.016	mg/L		02/12/26 16:40	02/16/26 18:32	1
Manganese	**7.8**		0.025	0.0065	mg/L		02/12/26 16:40	02/16/26 18:36	5
Molybdenum	<0.00069		0.0050	0.00069	mg/L		02/12/26 16:40	02/16/26 18:32	1
Potassium	**4.4**		0.10	0.044	mg/L		02/12/26 16:40	02/16/26 18:32	1
Selenium	<0.0023		0.0050	0.0023	mg/L		02/12/26 16:40	02/16/26 18:32	1
Sodium	**21**		0.50	0.25	mg/L		02/12/26 16:40	02/16/26 18:32	1
Thallium	<0.00019		0.0010	0.00019	mg/L		02/12/26 16:40	02/16/26 18:32	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		02/25/26 13:54	02/26/26 22:47	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley Ash Pond Quarterly 3

Job ID: 705-57340-1

Client Sample ID: WAN-WGWC-38S

Lab Sample ID: 705-57432-12
Date Collected: 02/12/26 11:36
Matrix: Water
Date Received: 02/12/26 14:48

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**270**		3.0	3.0	mg/L			02/24/26 12:10	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**270**		3.0	3.0	mg/L			02/24/26 12:10	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			02/24/26 12:10	1
Total Dissolved Solids (SM 2540C - 2015)	**340**		10	10	mg/L			02/17/26 16:45	1
Sulfide (SM 4500 S2 F-2011)	<1.0		1.0	1.0	mg/L		02/17/26 10:02	02/17/26 12:05	1

Client Sample ID: WAN-AP1-EB-10

Lab Sample ID: 705-57432-13
Date Collected: 02/12/26 11:40
Matrix: Water
Date Received: 02/12/26 14:48

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.98		1.0	0.98	mg/L			02/18/26 23:48	1
Fluoride	**0.097**	**J**	0.20	0.081	mg/L			02/18/26 23:48	1
Sulfate	<0.77		1.0	0.77	mg/L			02/18/26 23:48	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		02/12/26 17:55	02/18/26 11:38	1
Calcium	**0.038**	**J**	0.10	0.038	mg/L		02/12/26 17:55	02/18/26 11:38	1
Lithium	<0.0037		0.020	0.0037	mg/L		02/12/26 17:55	02/18/26 11:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		02/12/26 16:40	02/16/26 18:38	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		02/12/26 16:40	02/16/26 18:38	1
Barium	<0.00041		0.010	0.00041	mg/L		02/12/26 16:40	02/16/26 18:38	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		02/12/26 16:40	02/16/26 18:38	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		02/12/26 16:40	02/16/26 18:38	1
Chromium	<0.0037		0.0050	0.0037	mg/L		02/12/26 16:40	02/16/26 18:38	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		02/12/26 16:40	02/16/26 18:38	1
Iron	**0.053**	**J**	0.10	0.018	mg/L		02/12/26 16:40	02/16/26 18:38	1
Lead	<0.00086		0.0010	0.00086	mg/L		02/12/26 16:40	02/16/26 18:38	1
Magnesium	<0.016		0.10	0.016	mg/L		02/12/26 16:40	02/16/26 18:38	1
Manganese	<0.0013		0.0050	0.0013	mg/L		02/12/26 16:40	02/16/26 18:38	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		02/12/26 16:40	02/16/26 18:38	1
Potassium	<0.044		0.10	0.044	mg/L		02/12/26 16:40	02/16/26 18:38	1
Selenium	<0.0023		0.0050	0.0023	mg/L		02/12/26 16:40	02/16/26 18:38	1
Sodium	<0.25		0.50	0.25	mg/L		02/12/26 16:40	02/16/26 18:38	1
Thallium	<0.00019		0.0010	0.00019	mg/L		02/12/26 16:40	02/16/26 18:38	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		02/25/26 13:54	02/26/26 22:51	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley Ash Pond Quarterly 3

Job ID: 705-57340-1

Client Sample ID: WAN-AP1-EB-10

Lab Sample ID: 705-57432-13

Date Collected: 02/12/26 11:40
Date Received: 02/12/26 14:48

Matrix: Water

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			02/24/26 12:10	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			02/24/26 12:10	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			02/24/26 12:10	1
Total Dissolved Solids (SM 2540C - 2015)	<10		10	10	mg/L			02/17/26 16:45	1
Sulfide (SM 4500 S2 F-2011)	<1.0		1.0	1.0	mg/L		02/17/26 10:02	02/17/26 12:05	1

Method Summary

Client: Southern Company
Project/Site: Plant Wansley Ash Pond Quarterly 3

Job ID: 705-57340-1

Method	Method Description	Protocol	Laboratory
300.0	Anions, Ion Chromatography	EPA	EET ATL
6010D	Metals (ICP)	SW846	EET ATL
6020B	Metals (ICP/MS)	SW846	EET ATL
7470A	Mercury (CVAA)	SW846	EET ATL
2320B-2011	Alkalinity, Total	SM	EET ATL
2540C - 2015	Total Dissolved Solids (Dried at 180 °C)	SM	EET ATL
4500 S2 F-2011	Sulfide, Total	SM	EET ATL
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET ATL
3010A	Preparation, Total Metals	SW846	EET ATL
7470A	Preparation, Mercury	SW846	EET ATL
SM 4500 S2 C	Sulfide, Sample Pretreatment/Concentration	SM	EET ATL

Protocol References:

EPA = US Environmental Protection Agency

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

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

Laboratory References:

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

QC Sample Results

Client: Southern Company
Project/Site: Plant Wansley Ash Pond Quarterly 3

Job ID: 705-57340-1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 705-114283/3
Matrix: Water
Analysis Batch: 114283

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.98		1.0	0.98	mg/L			02/14/26 11:53	1
Fluoride	<0.081		0.20	0.081	mg/L			02/14/26 11:53	1
Sulfate	<0.77		1.0	0.77	mg/L			02/14/26 11:53	1

Lab Sample ID: LCS 705-114283/4
Matrix: Water
Analysis Batch: 114283

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	10.3		mg/L		103	90 - 110
Fluoride	5.00	5.41		mg/L		108	90 - 110
Sulfate	25.0	25.6		mg/L		102	90 - 110

Lab Sample ID: 705-57432-1 MS
Matrix: Water
Analysis Batch: 114283

Client Sample ID: WAN-WGWC-41
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	<9.8	F1	100	14.7	F1	mg/L		15	90 - 110
Sulfate	110	F1	250	127	F1	mg/L		9	90 - 110

Lab Sample ID: 705-57432-1 MSD
Matrix: Water
Analysis Batch: 114283

Client Sample ID: WAN-WGWC-41
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	<9.8	F1	100	15.1	F1	mg/L		15	90 - 110	2	20
Sulfate	110	F1	250	129	F1	mg/L		10	90 - 110	2	20

Lab Sample ID: MB 705-115179/31
Matrix: Water
Analysis Batch: 115179

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.98		1.0	0.98	mg/L			02/18/26 18:48	1
Fluoride	<0.081		0.20	0.081	mg/L			02/18/26 18:48	1
Sulfate	<0.77		1.0	0.77	mg/L			02/18/26 18:48	1

Lab Sample ID: LCS 705-115179/32
Matrix: Water
Analysis Batch: 115179

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	10.5		mg/L		105	90 - 110
Fluoride	5.00	5.44		mg/L		109	90 - 110
Sulfate	25.0	26.0		mg/L		104	90 - 110

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 705-57300-A-13 MS
Matrix: Water
Analysis Batch: 115179

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	23		10.0	32.9		mg/L		103	90 - 110
Fluoride	0.15	J F1	5.00	6.09	F1	mg/L		119	90 - 110
Sulfate	35		25.0	58.7		mg/L		96	90 - 110

Lab Sample ID: 705-57300-A-13 MSD
Matrix: Water
Analysis Batch: 115179

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	23		10.0	33.2		mg/L		106	90 - 110	1	20
Fluoride	0.15	J F1	5.00	6.08	F1	mg/L		119	90 - 110	0	20
Sulfate	35		25.0	59.4		mg/L		99	90 - 110	1	20

Lab Sample ID: MB 705-115312/90
Matrix: Water
Analysis Batch: 115312

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.98		1.0	0.98	mg/L			02/19/26 18:14	1
Fluoride	<0.081		0.20	0.081	mg/L			02/19/26 18:14	1
Sulfate	<0.77		1.0	0.77	mg/L			02/19/26 18:14	1

Lab Sample ID: LCS 705-115312/91
Matrix: Water
Analysis Batch: 115312

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	9.40		mg/L		94	90 - 110
Fluoride	5.00	4.90		mg/L		98	90 - 110
Sulfate	25.0	24.9		mg/L		100	90 - 110

Lab Sample ID: 705-57865-A-2 MS
Matrix: Water
Analysis Batch: 115312

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	480		100	532	4	mg/L		48	90 - 110
Fluoride	7.6	F1	50.0	53.9		mg/L		93	90 - 110
Sulfate	20		250	253		mg/L		93	90 - 110

Lab Sample ID: 705-57865-A-2 MSD
Matrix: Water
Analysis Batch: 115312

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	480		100	530	4	mg/L		46	90 - 110	0	20
Fluoride	7.6	F1	50.0	50.9	F1	mg/L		87	90 - 110	6	20
Sulfate	20		250	254		mg/L		94	90 - 110	0	20

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: MB 705-115589/122
Matrix: Water
Analysis Batch: 115589

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.98		1.0	0.98	mg/L			02/20/26 18:37	1
Fluoride	<0.081		0.20	0.081	mg/L			02/20/26 18:37	1
Sulfate	<0.77		1.0	0.77	mg/L			02/20/26 18:37	1

Lab Sample ID: MB 705-115589/3
Matrix: Water
Analysis Batch: 115589

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.98		1.0	0.98	mg/L			02/20/26 11:14	1
Fluoride	<0.081		0.20	0.081	mg/L			02/20/26 11:14	1
Sulfate	<0.77		1.0	0.77	mg/L			02/20/26 11:14	1

Lab Sample ID: LCS 705-115589/123
Matrix: Water
Analysis Batch: 115589

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	9.24		mg/L		92	90 - 110
Fluoride	5.00	4.75		mg/L		95	90 - 110
Sulfate	25.0	25.0		mg/L		100	90 - 110

Lab Sample ID: LCS 705-115589/4
Matrix: Water
Analysis Batch: 115589

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	9.28		mg/L		93	90 - 110
Fluoride	5.00	4.79		mg/L		96	90 - 110
Sulfate	25.0	24.1		mg/L		97	90 - 110

Lab Sample ID: 705-57798-F-28 MS
Matrix: Water
Analysis Batch: 115589

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	3.3	F1	10.0	12.1	F1	mg/L		87	90 - 110
Fluoride	0.14	J F1	5.00	4.60	F1	mg/L		89	90 - 110
Sulfate	1.6		25.0	24.1		mg/L		90	90 - 110

Lab Sample ID: 705-57798-F-28 MSD
Matrix: Water
Analysis Batch: 115589

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	3.3	F1	10.0	12.1	F1	mg/L		87	90 - 110	0	20
Fluoride	0.14	J F1	5.00	4.97		mg/L		97	90 - 110	8	20
Sulfate	1.6		25.0	24.5		mg/L		91	90 - 110	2	20

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 705-58063-B-30 MS
Matrix: Water
Analysis Batch: 115589

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	32	F1	10.0	39.2	F1	mg/L		70	90 - 110
Fluoride	0.24		5.00	5.38		mg/L		103	90 - 110
Sulfate	11		25.0	35.3		mg/L		99	90 - 110

Lab Sample ID: 705-58063-B-30 MSD
Matrix: Water
Analysis Batch: 115589

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	32	F1	10.0	39.5	F1	mg/L		74	90 - 110	1	20
Fluoride	0.24		5.00	5.04		mg/L		96	90 - 110	6	20
Sulfate	11		25.0	35.2		mg/L		99	90 - 110	0	20

Lab Sample ID: MB 705-115755/3
Matrix: Water
Analysis Batch: 115755

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.98		1.0	0.98	mg/L			02/21/26 10:45	1
Fluoride	<0.081		0.20	0.081	mg/L			02/21/26 10:45	1
Sulfate	<0.77		1.0	0.77	mg/L			02/21/26 10:45	1

Lab Sample ID: LCS 705-115755/4
Matrix: Water
Analysis Batch: 115755

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	9.90		mg/L		99	90 - 110
Fluoride	5.00	5.29		mg/L		106	90 - 110
Sulfate	25.0	26.1		mg/L		105	90 - 110

Lab Sample ID: 705-58145-C-6 MS
Matrix: Water
Analysis Batch: 115755

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	<0.98		10.0	9.47		mg/L		95	90 - 110
Fluoride	0.22		5.00	5.18		mg/L		99	90 - 110
Sulfate	0.89	J	25.0	25.3		mg/L		98	90 - 110

Lab Sample ID: 705-58145-C-6 MSD
Matrix: Water
Analysis Batch: 115755

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	<0.98		10.0	9.83		mg/L		98	90 - 110	4	20
Fluoride	0.22		5.00	5.30		mg/L		102	90 - 110	2	20
Sulfate	0.89	J	25.0	25.5		mg/L		98	90 - 110	1	20

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: MB 705-116176/3 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 116176

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.98		1.0	0.98	mg/L			02/24/26 11:23	1
Sulfate	<0.77		1.0	0.77	mg/L			02/24/26 11:23	1

Lab Sample ID: LCS 705-116176/4 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 116176

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	9.46		mg/L		95	90 - 110
Fluoride	5.00	4.51		mg/L		90	90 - 110
Sulfate	25.0	25.4		mg/L		102	90 - 110

Lab Sample ID: 705-58411-B-3 MS — **Client Sample ID: Matrix Spike**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 116176

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	19	F1	10.0	27.0	F1	mg/L		85	90 - 110

Lab Sample ID: 705-58411-B-3 MS — **Client Sample ID: Matrix Spike**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 116176

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	220	F1	250	235	F1	mg/L		6	90 - 110

Lab Sample ID: 705-58411-B-3 MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 116176

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	19	F1	10.0	27.2	F1	mg/L		87	90 - 110	1	20

Lab Sample ID: 705-58411-B-3 MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 116176

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfate	220	F1	250	241	F1	mg/L		8	90 - 110	3	20

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 705-113811/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 115474 — **Prep Batch: 113811**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		02/12/26 12:52	02/19/26 16:54	1
Calcium	<0.038		0.10	0.038	mg/L		02/12/26 12:52	02/19/26 16:54	1
Lithium	<0.0037		0.020	0.0037	mg/L		02/12/26 12:52	02/19/26 16:54	1

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: LCS 705-113811/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 115474 — **Prep Batch: 113811**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	1.00	0.996		mg/L		100	80 - 120
Calcium	10.0	10.2		mg/L		102	80 - 120
Lithium	1.00	0.923		mg/L		92	80 - 120

Lab Sample ID: 705-57340-1 MS — **Client Sample ID: WAN-WGWC-34S**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 115474 — **Prep Batch: 113811**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	<0.026		1.00	1.02		mg/L		102	75 - 125
Calcium	1.8		10.0	12.0		mg/L		103	75 - 125
Lithium	<0.0037		1.00	0.946		mg/L		95	75 - 125

Lab Sample ID: 705-57340-1 MSD — **Client Sample ID: WAN-WGWC-34S**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 115474 — **Prep Batch: 113811**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Boron	<0.026		1.00	1.02		mg/L		102	75 - 125	0	20
Calcium	1.8		10.0	12.1		mg/L		103	75 - 125	0	20
Lithium	<0.0037		1.00	0.946		mg/L		95	75 - 125	0	20

Lab Sample ID: MB 705-113935/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 114728 — **Prep Batch: 113935**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		02/12/26 17:55	02/17/26 10:40	1
Calcium	<0.038		0.10	0.038	mg/L		02/12/26 17:55	02/17/26 10:40	1

Lab Sample ID: MB 705-113935/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 115053 — **Prep Batch: 113935**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	0.00375	J	0.020	0.0037	mg/L		02/12/26 17:55	02/18/26 10:32	1

Lab Sample ID: LCS 705-113935/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 114728 — **Prep Batch: 113935**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	1.00	0.925		mg/L		93	80 - 120
Calcium	10.0	9.27		mg/L		93	80 - 120

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: LCS 705-113935/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 115053 — **Prep Batch: 113935**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Lithium	1.00	0.995		mg/L		99	80 - 120

Lab Sample ID: 705-57432-2 MS — **Client Sample ID: WAN-WGWC-40**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 114728 — **Prep Batch: 113935**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	<0.026		1.00	0.942		mg/L		94	75 - 125
Calcium	0.064	J	10.0	9.33		mg/L		93	75 - 125

Lab Sample ID: 705-57432-2 MS — **Client Sample ID: WAN-WGWC-40**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 115053 — **Prep Batch: 113935**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Lithium	0.0049	J B	1.00	1.01		mg/L		101	75 - 125

Lab Sample ID: 705-57432-2 MSD — **Client Sample ID: WAN-WGWC-40**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 114728 — **Prep Batch: 113935**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Boron	<0.026		1.00	0.943		mg/L		94	75 - 125	0	20
Calcium	0.064	J	10.0	9.33		mg/L		93	75 - 125	0	20

Lab Sample ID: 705-57432-2 MSD — **Client Sample ID: WAN-WGWC-40**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 115053 — **Prep Batch: 113935**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Lithium	0.0049	J B	1.00	1.02		mg/L		101	75 - 125	0	20

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 705-113911/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 114677 — **Prep Batch: 113911**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		02/12/26 16:40	02/16/26 17:03	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		02/12/26 16:40	02/16/26 17:03	1
Barium	<0.00041		0.010	0.00041	mg/L		02/12/26 16:40	02/16/26 17:03	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		02/12/26 16:40	02/16/26 17:03	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		02/12/26 16:40	02/16/26 17:03	1
Chromium	<0.0037		0.0050	0.0037	mg/L		02/12/26 16:40	02/16/26 17:03	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		02/12/26 16:40	02/16/26 17:03	1
Iron	<0.018		0.10	0.018	mg/L		02/12/26 16:40	02/16/26 17:03	1
Lead	<0.00086		0.0010	0.00086	mg/L		02/12/26 16:40	02/16/26 17:03	1
Magnesium	<0.016		0.10	0.016	mg/L		02/12/26 16:40	02/16/26 17:03	1
Manganese	<0.0013		0.0050	0.0013	mg/L		02/12/26 16:40	02/16/26 17:03	1

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

Lab Sample ID: MB 705-113911/1-A
Matrix: Water
Analysis Batch: 114677

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 113911

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Molybdenum	<0.00069		0.0050	0.00069	mg/L		02/12/26 16:40	02/16/26 17:03	1
Potassium	<0.044		0.10	0.044	mg/L		02/12/26 16:40	02/16/26 17:03	1
Selenium	<0.0023		0.0050	0.0023	mg/L		02/12/26 16:40	02/16/26 17:03	1
Sodium	<0.25		0.50	0.25	mg/L		02/12/26 16:40	02/16/26 17:03	1
Thallium	<0.00019		0.0010	0.00019	mg/L		02/12/26 16:40	02/16/26 17:03	1

Lab Sample ID: LCS 705-113911/2-A
Matrix: Water
Analysis Batch: 114677

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 113911

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.100	0.0992		mg/L		99	80 - 120
Arsenic	0.100	0.109		mg/L		109	80 - 120
Barium	0.100	0.105		mg/L		105	80 - 120
Beryllium	0.100	0.102		mg/L		102	80 - 120
Cadmium	0.100	0.0980		mg/L		98	80 - 120
Chromium	0.100	0.107		mg/L		107	80 - 120
Cobalt	0.100	0.109		mg/L		109	80 - 120
Iron	1.00	1.08		mg/L		108	80 - 120
Lead	0.100	0.109		mg/L		109	80 - 120
Magnesium	1.00	1.08		mg/L		108	80 - 120
Manganese	0.100	0.101		mg/L		101	80 - 120
Molybdenum	0.100	0.109		mg/L		109	80 - 120
Potassium	1.00	1.06		mg/L		106	80 - 120
Selenium	0.100	0.103		mg/L		103	80 - 120
Sodium	1.00	1.11		mg/L		111	80 - 120
Thallium	0.100	0.112		mg/L		112	80 - 120

Lab Sample ID: 705-57378-H-2-B MS
Matrix: Water
Analysis Batch: 114677

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 113911

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<0.0025		0.100	0.0986		mg/L		99	75 - 125
Arsenic	<0.0013		0.100	0.102		mg/L		102	75 - 125
Barium	0.17		0.100	0.270		mg/L		99	75 - 125
Beryllium	<0.00015		0.100	0.101		mg/L		101	75 - 125
Cadmium	<0.00024		0.100	0.0953		mg/L		95	75 - 125
Chromium	<0.0037		0.100	0.104		mg/L		104	75 - 125
Cobalt	0.00045		0.100	0.102		mg/L		101	75 - 125
Iron	0.019		1.00	1.02		mg/L		100	75 - 125
Lead	<0.00086		0.100	0.105		mg/L		105	75 - 125
Magnesium	20		1.00	21.3	4	mg/L		114	75 - 125
Manganese	0.18		0.100	0.270		mg/L		95	75 - 125
Molybdenum	<0.00069		0.100	0.106		mg/L		106	75 - 125
Potassium	1.3		1.00	2.29		mg/L		101	75 - 125
Selenium	<0.0023		0.100	0.101		mg/L		101	75 - 125
Sodium	71	E	1.00	68.4	E 4	mg/L		-284	75 - 125
Thallium	0.00023		0.100	0.109		mg/L		109	75 - 125

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

Lab Sample ID: 705-57378-H-2-C MSD
Matrix: Water
Analysis Batch: 114677

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 113911

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	<0.0025		0.100	0.102		mg/L		102	75 - 125	3	20
Arsenic	<0.0013		0.100	0.0985		mg/L		99	75 - 125	4	20
Barium	0.17		0.100	0.280		mg/L		109	75 - 125	4	20
Beryllium	<0.00015		0.100	0.105		mg/L		105	75 - 125	4	20
Cadmium	<0.00024		0.100	0.0974		mg/L		97	75 - 125	2	20
Chromium	<0.0037		0.100	0.107		mg/L		107	75 - 125	2	20
Cobalt	0.00045		0.100	0.102		mg/L		102	75 - 125	1	20
Iron	0.019		1.00	1.02		mg/L		100	75 - 125	0	20
Lead	<0.00086		0.100	0.108		mg/L		108	75 - 125	3	20
Magnesium	20		1.00	21.2	4	mg/L		96	75 - 125	1	20
Manganese	0.18		0.100	0.280		mg/L		104	75 - 125	3	20
Molybdenum	<0.00069		0.100	0.109		mg/L		109	75 - 125	3	20
Potassium	1.3		1.00	2.30		mg/L		103	75 - 125	1	20
Selenium	<0.0023		0.100	0.106		mg/L		106	75 - 125	5	20
Sodium	71	E	1.00	70.1	E 4	mg/L		-122	75 - 125	2	20
Thallium	0.00023		0.100	0.111		mg/L		110	75 - 125	2	20

Lab Sample ID: MB 705-113995/1-A
Matrix: Water
Analysis Batch: 114678

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 113995

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		02/13/26 08:52	02/16/26 19:39	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		02/13/26 08:52	02/16/26 19:39	1
Barium	<0.00041		0.010	0.00041	mg/L		02/13/26 08:52	02/16/26 19:39	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		02/13/26 08:52	02/16/26 19:39	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		02/13/26 08:52	02/16/26 19:39	1
Chromium	<0.0037		0.0050	0.0037	mg/L		02/13/26 08:52	02/16/26 19:39	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		02/13/26 08:52	02/16/26 19:39	1
Iron	<0.018		0.10	0.018	mg/L		02/13/26 08:52	02/16/26 19:39	1
Lead	<0.00086		0.0010	0.00086	mg/L		02/13/26 08:52	02/16/26 19:39	1
Magnesium	<0.016		0.10	0.016	mg/L		02/13/26 08:52	02/16/26 19:39	1
Manganese	<0.0013		0.0050	0.0013	mg/L		02/13/26 08:52	02/16/26 19:39	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		02/13/26 08:52	02/16/26 19:39	1
Potassium	<0.044		0.10	0.044	mg/L		02/13/26 08:52	02/16/26 19:39	1
Selenium	<0.0023		0.0050	0.0023	mg/L		02/13/26 08:52	02/16/26 19:39	1
Sodium	<0.25		0.50	0.25	mg/L		02/13/26 08:52	02/16/26 19:39	1
Thallium	<0.00019		0.0010	0.00019	mg/L		02/13/26 08:52	02/16/26 19:39	1

Lab Sample ID: LCS 705-113995/2-A
Matrix: Water
Analysis Batch: 114678

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 113995

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.100	0.105		mg/L		105	80 - 120
Arsenic	0.100	0.105		mg/L		105	80 - 120
Barium	0.100	0.113		mg/L		113	80 - 120
Beryllium	0.100	0.104		mg/L		104	80 - 120
Cadmium	0.100	0.103		mg/L		103	80 - 120

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

Lab Sample ID: LCS 705-113995/2-A
Matrix: Water
Analysis Batch: 114678

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 113995

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chromium	0.100	0.112		mg/L		112	80 - 120
Cobalt	0.100	0.109		mg/L		109	80 - 120
Iron	1.00	1.06		mg/L		106	80 - 120
Lead	0.100	0.114		mg/L		114	80 - 120
Magnesium	1.00	1.01		mg/L		101	80 - 120
Manganese	0.100	0.104		mg/L		104	80 - 120
Molybdenum	0.100	0.115		mg/L		115	80 - 120
Potassium	1.00	1.14		mg/L		114	80 - 120
Selenium	0.100	0.108		mg/L		108	80 - 120
Sodium	1.00	1.18		mg/L		118	80 - 120
Thallium	0.100	0.118		mg/L		118	80 - 120

Lab Sample ID: 705-57339-A-27-B MS
Matrix: Water
Analysis Batch: 114678

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 113995

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<0.0025		0.100	0.104		mg/L		104	75 - 125
Arsenic	<0.0013		0.100	0.105		mg/L		105	75 - 125
Barium	0.046		0.100	0.151		mg/L		105	75 - 125
Beryllium	<0.00015		0.100	0.101		mg/L		101	75 - 125
Cadmium	<0.00024		0.100	0.101		mg/L		101	75 - 125
Chromium	<0.0037		0.100	0.109		mg/L		109	75 - 125
Cobalt	0.0060		0.100	0.110		mg/L		104	75 - 125
Iron	0.53		1.00	1.55		mg/L		102	75 - 125
Lead	<0.00086		0.100	0.109		mg/L		109	75 - 125
Magnesium	1.7		1.00	2.72		mg/L		101	75 - 125
Manganese	0.20		0.100	0.296		mg/L		96	75 - 125
Molybdenum	<0.00069		0.100	0.111		mg/L		111	75 - 125
Potassium	0.085	J	1.00	1.13		mg/L		104	75 - 125
Selenium	<0.0023		0.100	0.105		mg/L		105	75 - 125
Sodium	2.6		1.00	3.61		mg/L		99	75 - 125
Thallium	0.00024	J	0.100	0.114		mg/L		114	75 - 125

Lab Sample ID: 705-57339-A-27-C MSD
Matrix: Water
Analysis Batch: 114678

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 113995

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	<0.0025		0.100	0.104		mg/L		104	75 - 125	1	20
Arsenic	<0.0013		0.100	0.108		mg/L		108	75 - 125	3	20
Barium	0.046		0.100	0.158		mg/L		112	75 - 125	5	20
Beryllium	<0.00015		0.100	0.107		mg/L		107	75 - 125	5	20
Cadmium	<0.00024		0.100	0.104		mg/L		104	75 - 125	3	20
Chromium	<0.0037		0.100	0.111		mg/L		111	75 - 125	1	20
Cobalt	0.0060		0.100	0.114		mg/L		108	75 - 125	3	20
Iron	0.53		1.00	1.59		mg/L		106	75 - 125	3	20
Lead	<0.00086		0.100	0.113		mg/L		113	75 - 125	3	20
Magnesium	1.7		1.00	2.75		mg/L		103	75 - 125	1	20

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

Lab Sample ID: 705-57339-A-27-C MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 114678 — **Prep Batch: 113995**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Manganese	0.20		0.100	0.299		mg/L		99	75 - 125	1	20
Molybdenum	<0.00069		0.100	0.113		mg/L		113	75 - 125	2	20
Potassium	0.085	J	1.00	1.18		mg/L		109	75 - 125	5	20
Selenium	<0.0023		0.100	0.110		mg/L		110	75 - 125	5	20
Sodium	2.6		1.00	3.65		mg/L		102	75 - 125	1	20
Thallium	0.00024	J	0.100	0.117		mg/L		117	75 - 125	3	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 705-115045/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 115591 — **Prep Batch: 115045**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		02/19/26 14:30	02/19/26 17:00	1

Lab Sample ID: LCS 705-115045/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 115591 — **Prep Batch: 115045**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00400	0.00363		mg/L		91	80 - 120

Lab Sample ID: 705-57340-1 MS — **Client Sample ID: WAN-WGWC-34S**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 115591 — **Prep Batch: 115045**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	<0.00017	F1	0.00400	0.00287	F1	mg/L		72	75 - 125

Lab Sample ID: 705-57340-1 MSD — **Client Sample ID: WAN-WGWC-34S**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 115591 — **Prep Batch: 115045**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.00017	F1	0.00400	0.00282	F1	mg/L		71	75 - 125	2	20

Lab Sample ID: MB 705-116486/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 116620 — **Prep Batch: 116486**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		02/25/26 14:03	02/25/26 18:10	1

Lab Sample ID: LCS 705-116486/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 116620 — **Prep Batch: 116486**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00400	0.00403		mg/L		101	80 - 120

Method: 7470A - Mercury (CVAA) (Continued)

Lab Sample ID: 400-290060-K-2-E MS — **Client Sample ID: Matrix Spike**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 116620 — **Prep Batch: 116486**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury	<0.00017		0.00400	0.00405		mg/L		101	75 - 125		

Lab Sample ID: 400-290060-K-2-F MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 116620 — **Prep Batch: 116486**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.00017		0.00400	0.00398		mg/L		99	75 - 125	2	20

Lab Sample ID: MB 705-116542/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 116955 — **Prep Batch: 116542**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		02/25/26 13:54	02/26/26 21:35	1

Lab Sample ID: LCS 705-116542/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 116955 — **Prep Batch: 116542**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			0.00400	0.00398		mg/L		99	80 - 120		

Lab Sample ID: 705-57432-1 MS — **Client Sample ID: WAN-WGWC-41**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 116955 — **Prep Batch: 116542**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury	<0.00017		0.00400	0.00401		mg/L		100	75 - 125		

Lab Sample ID: 705-57432-1 MSD — **Client Sample ID: WAN-WGWC-41**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 116955 — **Prep Batch: 116542**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.00017		0.00400	0.00401		mg/L		100	75 - 125	0	20

Method: 2320B-2011 - Alkalinity, Total

Lab Sample ID: LCS 705-115611/1 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 115611

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Alkalinity as CaCO3			125	132		mg/L		105	90 - 110		

Method: 2320B-2011 - Alkalinity, Total (Continued)

Lab Sample ID: 705-57300-A-2 DU
Matrix: Water
Analysis Batch: 115659

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Alkalinity as CaCO3	11			11.3		mg/L				0.5	30
Bicarbonate Alkalinity as CaCO3	11			11.3		mg/L				0.5	30
Carbonate Alkalinity as CaCO3	<3.0			<3.0		mg/L				NC	30

Lab Sample ID: LCS 705-115667/1
Matrix: Water
Analysis Batch: 115667

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Alkalinity as CaCO3			125	136		mg/L		108	90 - 110		

Lab Sample ID: 705-57340-2 DU
Matrix: Water
Analysis Batch: 115667

Client Sample ID: WAN-WGWC-31S
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Alkalinity as CaCO3	23			21.7		mg/L				4	30
Bicarbonate Alkalinity as CaCO3	23			21.7		mg/L				4	30
Carbonate Alkalinity as CaCO3	<3.0			<3.0		mg/L				NC	30

Lab Sample ID: LCS 705-116192/1
Matrix: Water
Analysis Batch: 116192

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Alkalinity as CaCO3			125	136		mg/L		109	90 - 110		

Lab Sample ID: 705-57432-8 DU
Matrix: Water
Analysis Batch: 116192

Client Sample ID: WAN-WGWC-36S
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Alkalinity as CaCO3	130			133		mg/L				0.05	30
Bicarbonate Alkalinity as CaCO3	130			133		mg/L				0.05	30
Carbonate Alkalinity as CaCO3	<3.0			<3.0		mg/L				NC	30

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

Lab Sample ID: MB 705-113875/1
Matrix: Water
Analysis Batch: 113875

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			02/12/26 16:45	1

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

Lab Sample ID: LCS 705-113875/2 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 113875

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Dissolved Solids			996	836		mg/L		84	80 - 120		

Lab Sample ID: 705-57300-C-14 DU — **Client Sample ID: Duplicate**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 113875

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	880			911		mg/L				3	10

Lab Sample ID: MB 705-114707/1 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 114707

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			02/17/26 12:05	1

Lab Sample ID: LCS 705-114707/2 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 114707

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Dissolved Solids			996	1030		mg/L		103	80 - 120		

Lab Sample ID: 705-57481-B-1 DU — **Client Sample ID: Duplicate**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 114707

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	3300			3340		mg/L				0.8	10

Lab Sample ID: MB 705-114812/1 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 114812

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			02/17/26 16:45	1

Lab Sample ID: LCS 705-114812/2 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 114812

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

Lab Sample ID: 705-57298-G-1 DU — **Client Sample ID: Duplicate**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 114812

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	2300			2410		mg/L				3	10

QC Sample Results

Client: Southern Company
Project/Site: Plant Wansley Ash Pond Quarterly 3

Job ID: 705-57340-1

Method: 4500 S2 F-2011 - Sulfide, Total

Lab Sample ID: MB 705-114323/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 114341 — **Prep Batch: 114323**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide	<1.0		1.0	1.0	mg/L		02/15/26 12:20	02/15/26 17:36	1

Lab Sample ID: LCS 705-114323/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 114341 — **Prep Batch: 114323**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfide	22.9	22.8		mg/L		100	90 - 110

Lab Sample ID: 705-57432-2 MS — **Client Sample ID: WAN-WGWC-40**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 114341 — **Prep Batch: 114323**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfide	<1.0	F1	22.9	17.2	F1	mg/L		75	80 - 120

Lab Sample ID: 705-57432-2 MSD — **Client Sample ID: WAN-WGWC-40**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 114341 — **Prep Batch: 114323**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfide	<1.0	F1	22.9	16.4	F1	mg/L		72	80 - 120	5	20

Lab Sample ID: MB 705-114324/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 114453 — **Prep Batch: 114324**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide	<1.0		1.0	1.0	mg/L		02/15/26 14:22	02/16/26 12:30	1

Lab Sample ID: LCS 705-114324/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 114453 — **Prep Batch: 114324**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfide	20.1	20.0		mg/L		100	90 - 110

Lab Sample ID: 705-57521-B-1-B MS — **Client Sample ID: Matrix Spike**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 114453 — **Prep Batch: 114324**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfide	<1.0	F1	20.1	26.0	F1	mg/L		130	80 - 120

Lab Sample ID: 705-57521-B-1-C MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 114453 — **Prep Batch: 114324**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfide	<1.0	F1	20.1	25.2	F1	mg/L		126	80 - 120	3	20

QC Sample Results

Client: Southern Company
Project/Site: Plant Wansley Ash Pond Quarterly 3

Job ID: 705-57340-1

Method: 4500 S2 F-2011 - Sulfide, Total

Lab Sample ID: MB 705-114675/1-A
Matrix: Water
Analysis Batch: 114695

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 114675

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide	<1.0		1.0	1.0	mg/L		02/17/26 10:02	02/17/26 12:05	1

Lab Sample ID: LCS 705-114675/2-A
Matrix: Water
Analysis Batch: 114695

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 114675

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfide	28.9	28.8		mg/L		100	90 - 110

Lab Sample ID: 705-57432-10 MS
Matrix: Water
Analysis Batch: 114695

Client Sample ID: WAN-WGWC-35S
Prep Type: Total/NA
Prep Batch: 114675

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfide	<1.0	F1	28.9	17.2	F1	mg/L		60	80 - 120

Lab Sample ID: 705-57432-10 MSD
Matrix: Water
Analysis Batch: 114695

Client Sample ID: WAN-WGWC-35S
Prep Type: Total/NA
Prep Batch: 114675

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfide	<1.0	F1	28.9	18.0	F1	mg/L		62	80 - 120	5	20

QC Association Summary

Client: Southern Company
Project/Site: Plant Wansley Ash Pond Quarterly 3

Job ID: 705-57340-1

HPLC/IC

Analysis Batch: 114283

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-57432-1	WAN-WGWC-41	Total/NA	Water	300.0	
705-57432-1	WAN-WGWC-41	Total/NA	Water	300.0	
705-57432-2	WAN-WGWC-40	Total/NA	Water	300.0	
705-57432-3	WAN-WGWC-34D	Total/NA	Water	300.0	
705-57432-4	WAN-WGWC-32	Total/NA	Water	300.0	
MB 705-114283/3	Method Blank	Total/NA	Water	300.0	
LCS 705-114283/4	Lab Control Sample	Total/NA	Water	300.0	
705-57432-1 MS	WAN-WGWC-41	Total/NA	Water	300.0	
705-57432-1 MSD	WAN-WGWC-41	Total/NA	Water	300.0	

Analysis Batch: 115179

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-57432-5	WAN-WGWC-35D	Total/NA	Water	300.0	
705-57432-6	WAN-WGWC-33	Total/NA	Water	300.0	
705-57432-7	WAN-AP1-FD-10	Total/NA	Water	300.0	
705-57432-8	WAN-WGWC-36S	Total/NA	Water	300.0	
705-57432-9	WAN-AP1-FB-16	Total/NA	Water	300.0	
705-57432-10	WAN-WGWC-35S	Total/NA	Water	300.0	
705-57432-11	WAN-WGWC-38D	Total/NA	Water	300.0	
705-57432-12	WAN-WGWC-38S	Total/NA	Water	300.0	
705-57432-13	WAN-AP1-EB-10	Total/NA	Water	300.0	
MB 705-115179/31	Method Blank	Total/NA	Water	300.0	
LCS 705-115179/32	Lab Control Sample	Total/NA	Water	300.0	
705-57300-A-13 MS	Matrix Spike	Total/NA	Water	300.0	
705-57300-A-13 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0	

Analysis Batch: 115312

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-57432-6	WAN-WGWC-33	Total/NA	Water	300.0	
MB 705-115312/90	Method Blank	Total/NA	Water	300.0	
LCS 705-115312/91	Lab Control Sample	Total/NA	Water	300.0	
705-57865-A-2 MS	Matrix Spike	Total/NA	Water	300.0	
705-57865-A-2 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0	

Analysis Batch: 115589

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-57340-1	WAN-WGWC-34S	Total/NA	Water	300.0	
705-57340-2	WAN-WGWC-31S	Total/NA	Water	300.0	
705-57340-3	WAN-WGWC-37D	Total/NA	Water	300.0	
705-57340-4	WAN-WGWC-30	Total/NA	Water	300.0	
705-57340-5	WAN-AP1-FD-09	Total/NA	Water	300.0	
705-57340-6	WAN-WGWC-31D	Total/NA	Water	300.0	
705-57340-7	WAN-AP1-EB-09	Total/NA	Water	300.0	
705-57340-8	WAN-WGWC-36D	Total/NA	Water	300.0	
705-57340-9	WAN-WGWC-37S	Total/NA	Water	300.0	
705-57340-10	WAN-WGWC-39	Total/NA	Water	300.0	
705-57340-11	WAN-AP1-FB-15	Total/NA	Water	300.0	
705-57432-11	WAN-WGWC-38D	Total/NA	Water	300.0	
MB 705-115589/122	Method Blank	Total/NA	Water	300.0	
MB 705-115589/3	Method Blank	Total/NA	Water	300.0	
LCS 705-115589/123	Lab Control Sample	Total/NA	Water	300.0	

HPLC/IC (Continued)

Analysis Batch: 115589 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 705-115589/4	Lab Control Sample	Total/NA	Water	300.0	
705-57798-F-28 MS	Matrix Spike	Total/NA	Water	300.0	
705-57798-F-28 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0	
705-58063-B-30 MS	Matrix Spike	Total/NA	Water	300.0	
705-58063-B-30 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0	

Analysis Batch: 115755

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-57340-9	WAN-WGWC-37S	Total/NA	Water	300.0	
MB 705-115755/3	Method Blank	Total/NA	Water	300.0	
LCS 705-115755/4	Lab Control Sample	Total/NA	Water	300.0	
705-58145-C-6 MS	Matrix Spike	Total/NA	Water	300.0	
705-58145-C-6 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0	

Analysis Batch: 116176

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-57432-3	WAN-WGWC-34D	Total/NA	Water	300.0	
MB 705-116176/3	Method Blank	Total/NA	Water	300.0	
LCS 705-116176/4	Lab Control Sample	Total/NA	Water	300.0	
705-58411-B-3 MS	Matrix Spike	Total/NA	Water	300.0	
705-58411-B-3 MS	Matrix Spike	Total/NA	Water	300.0	
705-58411-B-3 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0	
705-58411-B-3 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0	

Metals

Prep Batch: 113811

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-57340-1	WAN-WGWC-34S	Total/NA	Water	3010A	
705-57340-2	WAN-WGWC-31S	Total/NA	Water	3010A	
705-57340-3	WAN-WGWC-37D	Total/NA	Water	3010A	
705-57340-4	WAN-WGWC-30	Total/NA	Water	3010A	
705-57340-5	WAN-AP1-FD-09	Total/NA	Water	3010A	
705-57340-6	WAN-WGWC-31D	Total/NA	Water	3010A	
705-57340-7	WAN-AP1-EB-09	Total/NA	Water	3010A	
705-57340-8	WAN-WGWC-36D	Total/NA	Water	3010A	
705-57340-9	WAN-WGWC-37S	Total/NA	Water	3010A	
705-57340-10	WAN-WGWC-39	Total/NA	Water	3010A	
705-57340-11	WAN-AP1-FB-15	Total/NA	Water	3010A	
MB 705-113811/1-A	Method Blank	Total/NA	Water	3010A	
LCS 705-113811/2-A	Lab Control Sample	Total/NA	Water	3010A	
705-57340-1 MS	WAN-WGWC-34S	Total/NA	Water	3010A	
705-57340-1 MSD	WAN-WGWC-34S	Total/NA	Water	3010A	

Prep Batch: 113911

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-57432-1	WAN-WGWC-41	Total Recoverable	Water	3005A	
705-57432-2	WAN-WGWC-40	Total Recoverable	Water	3005A	
705-57432-3	WAN-WGWC-34D	Total Recoverable	Water	3005A	
705-57432-4	WAN-WGWC-32	Total Recoverable	Water	3005A	
705-57432-5	WAN-WGWC-35D	Total Recoverable	Water	3005A	

Metals (Continued)

Prep Batch: 113911 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-57432-6	WAN-WGWC-33	Total Recoverable	Water	3005A	
705-57432-7	WAN-AP1-FD-10	Total Recoverable	Water	3005A	
705-57432-8	WAN-WGWC-36S	Total Recoverable	Water	3005A	
705-57432-9	WAN-AP1-FB-16	Total Recoverable	Water	3005A	
705-57432-10	WAN-WGWC-35S	Total Recoverable	Water	3005A	
705-57432-11	WAN-WGWC-38D	Total Recoverable	Water	3005A	
705-57432-12	WAN-WGWC-38S	Total Recoverable	Water	3005A	
705-57432-13	WAN-AP1-EB-10	Total Recoverable	Water	3005A	
MB 705-113911/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 705-113911/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
705-57378-H-2-B MS	Matrix Spike	Total Recoverable	Water	3005A	
705-57378-H-2-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	3005A	

Prep Batch: 113935

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-57432-1	WAN-WGWC-41	Total/NA	Water	3010A	
705-57432-2	WAN-WGWC-40	Total/NA	Water	3010A	
705-57432-3	WAN-WGWC-34D	Total/NA	Water	3010A	
705-57432-4	WAN-WGWC-32	Total/NA	Water	3010A	
705-57432-5	WAN-WGWC-35D	Total/NA	Water	3010A	
705-57432-6	WAN-WGWC-33	Total/NA	Water	3010A	
705-57432-7	WAN-AP1-FD-10	Total/NA	Water	3010A	
705-57432-8	WAN-WGWC-36S	Total/NA	Water	3010A	
705-57432-9	WAN-AP1-FB-16	Total/NA	Water	3010A	
705-57432-10	WAN-WGWC-35S	Total/NA	Water	3010A	
705-57432-11	WAN-WGWC-38D	Total/NA	Water	3010A	
705-57432-12	WAN-WGWC-38S	Total/NA	Water	3010A	
705-57432-13	WAN-AP1-EB-10	Total/NA	Water	3010A	
MB 705-113935/1-A	Method Blank	Total/NA	Water	3010A	
LCS 705-113935/2-A	Lab Control Sample	Total/NA	Water	3010A	
705-57432-2 MS	WAN-WGWC-40	Total/NA	Water	3010A	
705-57432-2 MSD	WAN-WGWC-40	Total/NA	Water	3010A	

Prep Batch: 113995

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-57340-1	WAN-WGWC-34S	Total Recoverable	Water	3005A	
705-57340-2	WAN-WGWC-31S	Total Recoverable	Water	3005A	
705-57340-3	WAN-WGWC-37D	Total Recoverable	Water	3005A	
705-57340-4	WAN-WGWC-30	Total Recoverable	Water	3005A	
705-57340-5	WAN-AP1-FD-09	Total Recoverable	Water	3005A	
705-57340-6	WAN-WGWC-31D	Total Recoverable	Water	3005A	
705-57340-7	WAN-AP1-EB-09	Total Recoverable	Water	3005A	
705-57340-8	WAN-WGWC-36D	Total Recoverable	Water	3005A	
705-57340-9	WAN-WGWC-37S	Total Recoverable	Water	3005A	
705-57340-10	WAN-WGWC-39	Total Recoverable	Water	3005A	
705-57340-11	WAN-AP1-FB-15	Total Recoverable	Water	3005A	
MB 705-113995/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 705-113995/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
705-57339-A-27-B MS	Matrix Spike	Total Recoverable	Water	3005A	
705-57339-A-27-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	3005A	

QC Association Summary

Client: Southern Company
Project/Site: Plant Wansley Ash Pond Quarterly 3

Job ID: 705-57340-1

Metals

Analysis Batch: 114677

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-57432-1	WAN-WGWC-41	Total Recoverable	Water	6020B	113911
705-57432-2	WAN-WGWC-40	Total Recoverable	Water	6020B	113911
705-57432-3	WAN-WGWC-34D	Total Recoverable	Water	6020B	113911
705-57432-3	WAN-WGWC-34D	Total Recoverable	Water	6020B	113911
705-57432-4	WAN-WGWC-32	Total Recoverable	Water	6020B	113911
705-57432-5	WAN-WGWC-35D	Total Recoverable	Water	6020B	113911
705-57432-6	WAN-WGWC-33	Total Recoverable	Water	6020B	113911
705-57432-7	WAN-AP1-FD-10	Total Recoverable	Water	6020B	113911
705-57432-8	WAN-WGWC-36S	Total Recoverable	Water	6020B	113911
705-57432-8	WAN-WGWC-36S	Total Recoverable	Water	6020B	113911
705-57432-9	WAN-AP1-FB-16	Total Recoverable	Water	6020B	113911
705-57432-10	WAN-WGWC-35S	Total Recoverable	Water	6020B	113911
705-57432-11	WAN-WGWC-38D	Total Recoverable	Water	6020B	113911
705-57432-11	WAN-WGWC-38D	Total Recoverable	Water	6020B	113911
705-57432-12	WAN-WGWC-38S	Total Recoverable	Water	6020B	113911
705-57432-12	WAN-WGWC-38S	Total Recoverable	Water	6020B	113911
705-57432-13	WAN-AP1-EB-10	Total Recoverable	Water	6020B	113911
MB 705-113911/1-A	Method Blank	Total Recoverable	Water	6020B	113911
LCS 705-113911/2-A	Lab Control Sample	Total Recoverable	Water	6020B	113911
705-57378-H-2-B MS	Matrix Spike	Total Recoverable	Water	6020B	113911
705-57378-H-2-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	6020B	113911

Analysis Batch: 114678

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-57340-1	WAN-WGWC-34S	Total Recoverable	Water	6020B	113995
705-57340-2	WAN-WGWC-31S	Total Recoverable	Water	6020B	113995
705-57340-3	WAN-WGWC-37D	Total Recoverable	Water	6020B	113995
705-57340-4	WAN-WGWC-30	Total Recoverable	Water	6020B	113995
705-57340-5	WAN-AP1-FD-09	Total Recoverable	Water	6020B	113995
705-57340-6	WAN-WGWC-31D	Total Recoverable	Water	6020B	113995
705-57340-7	WAN-AP1-EB-09	Total Recoverable	Water	6020B	113995
705-57340-8	WAN-WGWC-36D	Total Recoverable	Water	6020B	113995
705-57340-9	WAN-WGWC-37S	Total Recoverable	Water	6020B	113995
705-57340-9	WAN-WGWC-37S	Total Recoverable	Water	6020B	113995
705-57340-10	WAN-WGWC-39	Total Recoverable	Water	6020B	113995
705-57340-11	WAN-AP1-FB-15	Total Recoverable	Water	6020B	113995
MB 705-113995/1-A	Method Blank	Total Recoverable	Water	6020B	113995
LCS 705-113995/2-A	Lab Control Sample	Total Recoverable	Water	6020B	113995
705-57339-A-27-B MS	Matrix Spike	Total Recoverable	Water	6020B	113995
705-57339-A-27-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	6020B	113995

Analysis Batch: 114728

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-57432-2	WAN-WGWC-40	Total/NA	Water	6010D	113935
MB 705-113935/1-A	Method Blank	Total/NA	Water	6010D	113935
LCS 705-113935/2-A	Lab Control Sample	Total/NA	Water	6010D	113935
705-57432-2 MS	WAN-WGWC-40	Total/NA	Water	6010D	113935
705-57432-2 MSD	WAN-WGWC-40	Total/NA	Water	6010D	113935

QC Association Summary

Client: Southern Company
Project/Site: Plant Wansley Ash Pond Quarterly 3

Job ID: 705-57340-1

Metals

Prep Batch: 115045

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-57340-1	WAN-WGWC-34S	Total/NA	Water	7470A	
705-57340-2	WAN-WGWC-31S	Total/NA	Water	7470A	
705-57340-3	WAN-WGWC-37D	Total/NA	Water	7470A	
705-57340-4	WAN-WGWC-30	Total/NA	Water	7470A	
705-57340-5	WAN-AP1-FD-09	Total/NA	Water	7470A	
705-57340-6	WAN-WGWC-31D	Total/NA	Water	7470A	
705-57340-8	WAN-WGWC-36D	Total/NA	Water	7470A	
705-57340-9	WAN-WGWC-37S	Total/NA	Water	7470A	
705-57340-11	WAN-AP1-FB-15	Total/NA	Water	7470A	
MB 705-115045/1-A	Method Blank	Total/NA	Water	7470A	
LCS 705-115045/2-A	Lab Control Sample	Total/NA	Water	7470A	
705-57340-1 MS	WAN-WGWC-34S	Total/NA	Water	7470A	
705-57340-1 MSD	WAN-WGWC-34S	Total/NA	Water	7470A	

Analysis Batch: 115053

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-57432-1	WAN-WGWC-41	Total/NA	Water	6010D	113935
705-57432-2	WAN-WGWC-40	Total/NA	Water	6010D	113935
705-57432-3	WAN-WGWC-34D	Total/NA	Water	6010D	113935
705-57432-4	WAN-WGWC-32	Total/NA	Water	6010D	113935
705-57432-5	WAN-WGWC-35D	Total/NA	Water	6010D	113935
705-57432-6	WAN-WGWC-33	Total/NA	Water	6010D	113935
705-57432-7	WAN-AP1-FD-10	Total/NA	Water	6010D	113935
705-57432-8	WAN-WGWC-36S	Total/NA	Water	6010D	113935
705-57432-9	WAN-AP1-FB-16	Total/NA	Water	6010D	113935
705-57432-10	WAN-WGWC-35S	Total/NA	Water	6010D	113935
705-57432-11	WAN-WGWC-38D	Total/NA	Water	6010D	113935
705-57432-11	WAN-WGWC-38D	Total/NA	Water	6010D	113935
705-57432-12	WAN-WGWC-38S	Total/NA	Water	6010D	113935
705-57432-13	WAN-AP1-EB-10	Total/NA	Water	6010D	113935
MB 705-113935/1-A	Method Blank	Total/NA	Water	6010D	113935
LCS 705-113935/2-A	Lab Control Sample	Total/NA	Water	6010D	113935
705-57432-2 MS	WAN-WGWC-40	Total/NA	Water	6010D	113935
705-57432-2 MSD	WAN-WGWC-40	Total/NA	Water	6010D	113935

Analysis Batch: 115474

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-57340-1	WAN-WGWC-34S	Total/NA	Water	6010D	113811
705-57340-2	WAN-WGWC-31S	Total/NA	Water	6010D	113811
705-57340-3	WAN-WGWC-37D	Total/NA	Water	6010D	113811
705-57340-4	WAN-WGWC-30	Total/NA	Water	6010D	113811
705-57340-5	WAN-AP1-FD-09	Total/NA	Water	6010D	113811
705-57340-6	WAN-WGWC-31D	Total/NA	Water	6010D	113811
705-57340-7	WAN-AP1-EB-09	Total/NA	Water	6010D	113811
705-57340-8	WAN-WGWC-36D	Total/NA	Water	6010D	113811
705-57340-9	WAN-WGWC-37S	Total/NA	Water	6010D	113811
705-57340-10	WAN-WGWC-39	Total/NA	Water	6010D	113811
705-57340-11	WAN-AP1-FB-15	Total/NA	Water	6010D	113811
MB 705-113811/1-A	Method Blank	Total/NA	Water	6010D	113811
LCS 705-113811/2-A	Lab Control Sample	Total/NA	Water	6010D	113811
705-57340-1 MS	WAN-WGWC-34S	Total/NA	Water	6010D	113811

Metals (Continued)

Analysis Batch: 115474 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-57340-1 MSD	WAN-WGWC-34S	Total/NA	Water	6010D	113811

Analysis Batch: 115591

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-57340-1	WAN-WGWC-34S	Total/NA	Water	7470A	115045
705-57340-2	WAN-WGWC-31S	Total/NA	Water	7470A	115045
705-57340-3	WAN-WGWC-37D	Total/NA	Water	7470A	115045
705-57340-4	WAN-WGWC-30	Total/NA	Water	7470A	115045
705-57340-5	WAN-AP1-FD-09	Total/NA	Water	7470A	115045
705-57340-6	WAN-WGWC-31D	Total/NA	Water	7470A	115045
705-57340-8	WAN-WGWC-36D	Total/NA	Water	7470A	115045
705-57340-9	WAN-WGWC-37S	Total/NA	Water	7470A	115045
705-57340-11	WAN-AP1-FB-15	Total/NA	Water	7470A	115045
MB 705-115045/1-A	Method Blank	Total/NA	Water	7470A	115045
LCS 705-115045/2-A	Lab Control Sample	Total/NA	Water	7470A	115045
705-57340-1 MS	WAN-WGWC-34S	Total/NA	Water	7470A	115045
705-57340-1 MSD	WAN-WGWC-34S	Total/NA	Water	7470A	115045

Prep Batch: 116486

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-57340-7	WAN-AP1-EB-09	Total/NA	Water	7470A	
705-57340-10	WAN-WGWC-39	Total/NA	Water	7470A	
MB 705-116486/1-A	Method Blank	Total/NA	Water	7470A	
LCS 705-116486/2-A	Lab Control Sample	Total/NA	Water	7470A	
400-290060-K-2-E MS	Matrix Spike	Total/NA	Water	7470A	
400-290060-K-2-F MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	

Prep Batch: 116542

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-57432-1	WAN-WGWC-41	Total/NA	Water	7470A	
705-57432-2	WAN-WGWC-40	Total/NA	Water	7470A	
705-57432-3	WAN-WGWC-34D	Total/NA	Water	7470A	
705-57432-4	WAN-WGWC-32	Total/NA	Water	7470A	
705-57432-5	WAN-WGWC-35D	Total/NA	Water	7470A	
705-57432-6	WAN-WGWC-33	Total/NA	Water	7470A	
705-57432-7	WAN-AP1-FD-10	Total/NA	Water	7470A	
705-57432-8	WAN-WGWC-36S	Total/NA	Water	7470A	
705-57432-9	WAN-AP1-FB-16	Total/NA	Water	7470A	
705-57432-10	WAN-WGWC-35S	Total/NA	Water	7470A	
705-57432-11	WAN-WGWC-38D	Total/NA	Water	7470A	
705-57432-12	WAN-WGWC-38S	Total/NA	Water	7470A	
705-57432-13	WAN-AP1-EB-10	Total/NA	Water	7470A	
MB 705-116542/1-A	Method Blank	Total/NA	Water	7470A	
LCS 705-116542/2-A	Lab Control Sample	Total/NA	Water	7470A	
705-57432-1 MS	WAN-WGWC-41	Total/NA	Water	7470A	
705-57432-1 MSD	WAN-WGWC-41	Total/NA	Water	7470A	

Analysis Batch: 116619

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-57432-3	WAN-WGWC-34D	Total Recoverable	Water	6020B	113911

QC Association Summary

Client: Southern Company
Project/Site: Plant Wansley Ash Pond Quarterly 3

Job ID: 705-57340-1

Metals

Analysis Batch: 116620

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 705-116486/1-A	Method Blank	Total/NA	Water	7470A	116486
LCS 705-116486/2-A	Lab Control Sample	Total/NA	Water	7470A	116486
400-290060-K-2-E MS	Matrix Spike	Total/NA	Water	7470A	116486
400-290060-K-2-F MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	116486

Analysis Batch: 116800

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-57340-7	WAN-AP1-EB-09	Total/NA	Water	7470A	116486
705-57340-10	WAN-WGWC-39	Total/NA	Water	7470A	116486

Analysis Batch: 116955

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-57432-1	WAN-WGWC-41	Total/NA	Water	7470A	116542
705-57432-2	WAN-WGWC-40	Total/NA	Water	7470A	116542
705-57432-3	WAN-WGWC-34D	Total/NA	Water	7470A	116542
705-57432-4	WAN-WGWC-32	Total/NA	Water	7470A	116542
705-57432-5	WAN-WGWC-35D	Total/NA	Water	7470A	116542
705-57432-6	WAN-WGWC-33	Total/NA	Water	7470A	116542
705-57432-7	WAN-AP1-FD-10	Total/NA	Water	7470A	116542
705-57432-8	WAN-WGWC-36S	Total/NA	Water	7470A	116542
705-57432-9	WAN-AP1-FB-16	Total/NA	Water	7470A	116542
705-57432-10	WAN-WGWC-35S	Total/NA	Water	7470A	116542
705-57432-11	WAN-WGWC-38D	Total/NA	Water	7470A	116542
705-57432-12	WAN-WGWC-38S	Total/NA	Water	7470A	116542
705-57432-13	WAN-AP1-EB-10	Total/NA	Water	7470A	116542
MB 705-116542/1-A	Method Blank	Total/NA	Water	7470A	116542
LCS 705-116542/2-A	Lab Control Sample	Total/NA	Water	7470A	116542
705-57432-1 MS	WAN-WGWC-41	Total/NA	Water	7470A	116542
705-57432-1 MSD	WAN-WGWC-41	Total/NA	Water	7470A	116542

General Chemistry

Analysis Batch: 113875

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-57340-1	WAN-WGWC-34S	Total/NA	Water	2540C - 2015	
705-57340-2	WAN-WGWC-31S	Total/NA	Water	2540C - 2015	
705-57340-3	WAN-WGWC-37D	Total/NA	Water	2540C - 2015	
705-57340-4	WAN-WGWC-30	Total/NA	Water	2540C - 2015	
705-57340-5	WAN-AP1-FD-09	Total/NA	Water	2540C - 2015	
705-57340-6	WAN-WGWC-31D	Total/NA	Water	2540C - 2015	
705-57340-7	WAN-AP1-EB-09	Total/NA	Water	2540C - 2015	
705-57340-8	WAN-WGWC-36D	Total/NA	Water	2540C - 2015	
705-57340-9	WAN-WGWC-37S	Total/NA	Water	2540C - 2015	
705-57340-10	WAN-WGWC-39	Total/NA	Water	2540C - 2015	
MB 705-113875/1	Method Blank	Total/NA	Water	2540C - 2015	
LCS 705-113875/2	Lab Control Sample	Total/NA	Water	2540C - 2015	
705-57300-C-14 DU	Duplicate	Total/NA	Water	2540C - 2015	

Prep Batch: 114323

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-57340-1	WAN-WGWC-34S	Total/NA	Water	SM 4500 S2 C	

General Chemistry (Continued)

Prep Batch: 114323 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-57340-2	WAN-WGWC-31S	Total/NA	Water	SM 4500 S2 C	
705-57340-3	WAN-WGWC-37D	Total/NA	Water	SM 4500 S2 C	
705-57340-4	WAN-WGWC-30	Total/NA	Water	SM 4500 S2 C	
705-57340-5	WAN-AP1-FD-09	Total/NA	Water	SM 4500 S2 C	
705-57340-6	WAN-WGWC-31D	Total/NA	Water	SM 4500 S2 C	
705-57340-7	WAN-AP1-EB-09	Total/NA	Water	SM 4500 S2 C	
705-57340-8	WAN-WGWC-36D	Total/NA	Water	SM 4500 S2 C	
705-57340-9	WAN-WGWC-37S	Total/NA	Water	SM 4500 S2 C	
705-57340-10	WAN-WGWC-39	Total/NA	Water	SM 4500 S2 C	
705-57340-11	WAN-AP1-FB-15	Total/NA	Water	SM 4500 S2 C	
705-57432-2	WAN-WGWC-40	Total/NA	Water	SM 4500 S2 C	
705-57432-3	WAN-WGWC-34D	Total/NA	Water	SM 4500 S2 C	
705-57432-4	WAN-WGWC-32	Total/NA	Water	SM 4500 S2 C	
705-57432-5	WAN-WGWC-35D	Total/NA	Water	SM 4500 S2 C	
MB 705-114323/1-A	Method Blank	Total/NA	Water	SM 4500 S2 C	
LCS 705-114323/2-A	Lab Control Sample	Total/NA	Water	SM 4500 S2 C	
705-57432-2 MS	WAN-WGWC-40	Total/NA	Water	SM 4500 S2 C	
705-57432-2 MSD	WAN-WGWC-40	Total/NA	Water	SM 4500 S2 C	

Prep Batch: 114324

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-57432-6	WAN-WGWC-33	Total/NA	Water	SM 4500 S2 C	
705-57432-7	WAN-AP1-FD-10	Total/NA	Water	SM 4500 S2 C	
705-57432-8	WAN-WGWC-36S	Total/NA	Water	SM 4500 S2 C	
705-57432-9	WAN-AP1-FB-16	Total/NA	Water	SM 4500 S2 C	
MB 705-114324/1-A	Method Blank	Total/NA	Water	SM 4500 S2 C	
LCS 705-114324/2-A	Lab Control Sample	Total/NA	Water	SM 4500 S2 C	
705-57521-B-1-B MS	Matrix Spike	Total/NA	Water	SM 4500 S2 C	
705-57521-B-1-C MSD	Matrix Spike Duplicate	Total/NA	Water	SM 4500 S2 C	

Analysis Batch: 114341

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-57340-1	WAN-WGWC-34S	Total/NA	Water	4500 S2 F-2011	114323
705-57340-2	WAN-WGWC-31S	Total/NA	Water	4500 S2 F-2011	114323
705-57340-3	WAN-WGWC-37D	Total/NA	Water	4500 S2 F-2011	114323
705-57340-4	WAN-WGWC-30	Total/NA	Water	4500 S2 F-2011	114323
705-57340-5	WAN-AP1-FD-09	Total/NA	Water	4500 S2 F-2011	114323
705-57340-6	WAN-WGWC-31D	Total/NA	Water	4500 S2 F-2011	114323
705-57340-7	WAN-AP1-EB-09	Total/NA	Water	4500 S2 F-2011	114323
705-57340-8	WAN-WGWC-36D	Total/NA	Water	4500 S2 F-2011	114323
705-57340-9	WAN-WGWC-37S	Total/NA	Water	4500 S2 F-2011	114323
705-57340-10	WAN-WGWC-39	Total/NA	Water	4500 S2 F-2011	114323
705-57340-11	WAN-AP1-FB-15	Total/NA	Water	4500 S2 F-2011	114323
705-57432-2	WAN-WGWC-40	Total/NA	Water	4500 S2 F-2011	114323
705-57432-3	WAN-WGWC-34D	Total/NA	Water	4500 S2 F-2011	114323
705-57432-4	WAN-WGWC-32	Total/NA	Water	4500 S2 F-2011	114323
705-57432-5	WAN-WGWC-35D	Total/NA	Water	4500 S2 F-2011	114323
MB 705-114323/1-A	Method Blank	Total/NA	Water	4500 S2 F-2011	114323
LCS 705-114323/2-A	Lab Control Sample	Total/NA	Water	4500 S2 F-2011	114323
705-57432-2 MS	WAN-WGWC-40	Total/NA	Water	4500 S2 F-2011	114323
705-57432-2 MSD	WAN-WGWC-40	Total/NA	Water	4500 S2 F-2011	114323

QC Association Summary

Client: Southern Company
Project/Site: Plant Wansley Ash Pond Quarterly 3

Job ID: 705-57340-1

General Chemistry

Analysis Batch: 114453

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-57432-6	WAN-WGWC-33	Total/NA	Water	4500 S2 F-2011	114324
705-57432-7	WAN-AP1-FD-10	Total/NA	Water	4500 S2 F-2011	114324
705-57432-8	WAN-WGWC-36S	Total/NA	Water	4500 S2 F-2011	114324
705-57432-9	WAN-AP1-FB-16	Total/NA	Water	4500 S2 F-2011	114324
MB 705-114324/1-A	Method Blank	Total/NA	Water	4500 S2 F-2011	114324
LCS 705-114324/2-A	Lab Control Sample	Total/NA	Water	4500 S2 F-2011	114324
705-57521-B-1-B MS	Matrix Spike	Total/NA	Water	4500 S2 F-2011	114324
705-57521-B-1-C MSD	Matrix Spike Duplicate	Total/NA	Water	4500 S2 F-2011	114324

Prep Batch: 114675

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-57432-10	WAN-WGWC-35S	Total/NA	Water	SM 4500 S2 C	
705-57432-11	WAN-WGWC-38D	Total/NA	Water	SM 4500 S2 C	
705-57432-12	WAN-WGWC-38S	Total/NA	Water	SM 4500 S2 C	
705-57432-13	WAN-AP1-EB-10	Total/NA	Water	SM 4500 S2 C	
MB 705-114675/1-A	Method Blank	Total/NA	Water	SM 4500 S2 C	
LCS 705-114675/2-A	Lab Control Sample	Total/NA	Water	SM 4500 S2 C	
705-57432-10 MS	WAN-WGWC-35S	Total/NA	Water	SM 4500 S2 C	
705-57432-10 MSD	WAN-WGWC-35S	Total/NA	Water	SM 4500 S2 C	

Analysis Batch: 114695

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-57432-10	WAN-WGWC-35S	Total/NA	Water	4500 S2 F-2011	114675
705-57432-11	WAN-WGWC-38D	Total/NA	Water	4500 S2 F-2011	114675
705-57432-12	WAN-WGWC-38S	Total/NA	Water	4500 S2 F-2011	114675
705-57432-13	WAN-AP1-EB-10	Total/NA	Water	4500 S2 F-2011	114675
MB 705-114675/1-A	Method Blank	Total/NA	Water	4500 S2 F-2011	114675
LCS 705-114675/2-A	Lab Control Sample	Total/NA	Water	4500 S2 F-2011	114675
705-57432-10 MS	WAN-WGWC-35S	Total/NA	Water	4500 S2 F-2011	114675
705-57432-10 MSD	WAN-WGWC-35S	Total/NA	Water	4500 S2 F-2011	114675

Analysis Batch: 114707

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-57340-11	WAN-AP1-FB-15	Total/NA	Water	2540C - 2015	
MB 705-114707/1	Method Blank	Total/NA	Water	2540C - 2015	
LCS 705-114707/2	Lab Control Sample	Total/NA	Water	2540C - 2015	
705-57481-B-1 DU	Duplicate	Total/NA	Water	2540C - 2015	

Analysis Batch: 114812

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-57432-1	WAN-WGWC-41	Total/NA	Water	2540C - 2015	
705-57432-2	WAN-WGWC-40	Total/NA	Water	2540C - 2015	
705-57432-3	WAN-WGWC-34D	Total/NA	Water	2540C - 2015	
705-57432-4	WAN-WGWC-32	Total/NA	Water	2540C - 2015	
705-57432-5	WAN-WGWC-35D	Total/NA	Water	2540C - 2015	
705-57432-6	WAN-WGWC-33	Total/NA	Water	2540C - 2015	
705-57432-7	WAN-AP1-FD-10	Total/NA	Water	2540C - 2015	
705-57432-8	WAN-WGWC-36S	Total/NA	Water	2540C - 2015	
705-57432-9	WAN-AP1-FB-16	Total/NA	Water	2540C - 2015	
705-57432-10	WAN-WGWC-35S	Total/NA	Water	2540C - 2015	
705-57432-11	WAN-WGWC-38D	Total/NA	Water	2540C - 2015	

General Chemistry (Continued)

Analysis Batch: 114812 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-57432-12	WAN-WGWC-38S	Total/NA	Water	2540C - 2015	
705-57432-13	WAN-AP1-EB-10	Total/NA	Water	2540C - 2015	
MB 705-114812/1	Method Blank	Total/NA	Water	2540C - 2015	
LCS 705-114812/2	Lab Control Sample	Total/NA	Water	2540C - 2015	
705-57298-G-1 DU	Duplicate	Total/NA	Water	2540C - 2015	

Analysis Batch: 115611

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 705-115611/1	Lab Control Sample	Total/NA	Water	2320B-2011	

Analysis Batch: 115659

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-57340-1	WAN-WGWC-34S	Total/NA	Water	2320B-2011	
705-57300-A-2 DU	Duplicate	Total/NA	Water	2320B-2011	

Analysis Batch: 115667

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-57340-2	WAN-WGWC-31S	Total/NA	Water	2320B-2011	
705-57340-3	WAN-WGWC-37D	Total/NA	Water	2320B-2011	
705-57340-6	WAN-WGWC-31D	Total/NA	Water	2320B-2011	
705-57340-8	WAN-WGWC-36D	Total/NA	Water	2320B-2011	
LCS 705-115667/1	Lab Control Sample	Total/NA	Water	2320B-2011	
705-57340-2 DU	WAN-WGWC-31S	Total/NA	Water	2320B-2011	

Analysis Batch: 115701

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-57340-4	WAN-WGWC-30	Total/NA	Water	2320B-2011	
705-57340-5	WAN-AP1-FD-09	Total/NA	Water	2320B-2011	
705-57340-7	WAN-AP1-EB-09	Total/NA	Water	2320B-2011	
705-57340-9	WAN-WGWC-37S	Total/NA	Water	2320B-2011	
705-57340-10	WAN-WGWC-39	Total/NA	Water	2320B-2011	
705-57340-11	WAN-AP1-FB-15	Total/NA	Water	2320B-2011	

Analysis Batch: 116192

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-57432-3	WAN-WGWC-34D	Total/NA	Water	2320B-2011	
705-57432-5	WAN-WGWC-35D	Total/NA	Water	2320B-2011	
705-57432-8	WAN-WGWC-36S	Total/NA	Water	2320B-2011	
705-57432-10	WAN-WGWC-35S	Total/NA	Water	2320B-2011	
705-57432-12	WAN-WGWC-38S	Total/NA	Water	2320B-2011	
LCS 705-116192/1	Lab Control Sample	Total/NA	Water	2320B-2011	
705-57432-8 DU	WAN-WGWC-36S	Total/NA	Water	2320B-2011	

Analysis Batch: 116263

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-57432-1	WAN-WGWC-41	Total/NA	Water	2320B-2011	
705-57432-2	WAN-WGWC-40	Total/NA	Water	2320B-2011	
705-57432-4	WAN-WGWC-32	Total/NA	Water	2320B-2011	
705-57432-6	WAN-WGWC-33	Total/NA	Water	2320B-2011	
705-57432-7	WAN-AP1-FD-10	Total/NA	Water	2320B-2011	
705-57432-9	WAN-AP1-FB-16	Total/NA	Water	2320B-2011	

General Chemistry (Continued)

Analysis Batch: 116263 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-57432-11	WAN-WGWC-38D	Total/NA	Water	2320B-2011	
705-57432-13	WAN-AP1-EB-10	Total/NA	Water	2320B-2011	

Lab Chronicle

Client: Southern Company
Project/Site: Plant Wansley Ash Pond Quarterly 3

Job ID: 705-57340-1

Client Sample ID: WAN-WGWC-34S
Date Collected: 02/09/26 14:50
Date Received: 02/11/26 15:30

Lab Sample ID: 705-57340-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	115589	MS	EET ATL	02/20/26 20:08
Total/NA	Prep	3010A			113811	TR	EET ATL	02/12/26 12:52
Total/NA	Analysis	6010D		1	115474	DS	EET ATL	02/19/26 17:00
Total Recoverable	Prep	3005A			113995	SA	EET ATL	02/13/26 08:52
Total Recoverable	Analysis	6020B		1	114678	IF	EET ATL	02/16/26 19:58
Total/NA	Prep	7470A			115045	KB	EET ATL	02/19/26 14:30
Total/NA	Analysis	7470A		1	115591	GR	EET ATL	02/19/26 17:07
Total/NA	Analysis	2320B-2011		1	115659	AH	EET ATL	02/20/26 11:44
Total/NA	Analysis	2540C - 2015		1	113875	AGA	EET ATL	02/12/26 16:45
Total/NA	Prep	SM 4500 S2 C			114323	GT	EET ATL	02/15/26 12:20
Total/NA	Analysis	4500 S2 F-2011		1	114341	GT	EET ATL	02/15/26 17:36

Client Sample ID: WAN-WGWC-31S
Date Collected: 02/09/26 15:19
Date Received: 02/11/26 15:30

Lab Sample ID: 705-57340-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	115589	MS	EET ATL	02/20/26 20:19
Total/NA	Prep	3010A			113811	TR	EET ATL	02/12/26 12:52
Total/NA	Analysis	6010D		1	115474	DS	EET ATL	02/19/26 17:21
Total Recoverable	Prep	3005A			113995	SA	EET ATL	02/13/26 08:52
Total Recoverable	Analysis	6020B		1	114678	IF	EET ATL	02/16/26 20:00
Total/NA	Prep	7470A			115045	KB	EET ATL	02/19/26 14:30
Total/NA	Analysis	7470A		1	115591	GR	EET ATL	02/19/26 17:18
Total/NA	Analysis	2320B-2011		1	115667	AH	EET ATL	02/20/26 15:04
Total/NA	Analysis	2540C - 2015		1	113875	AGA	EET ATL	02/12/26 16:45
Total/NA	Prep	SM 4500 S2 C			114323	GT	EET ATL	02/15/26 12:20
Total/NA	Analysis	4500 S2 F-2011		1	114341	GT	EET ATL	02/15/26 17:36

Client Sample ID: WAN-WGWC-37D
Date Collected: 02/09/26 16:25
Date Received: 02/11/26 15:30

Lab Sample ID: 705-57340-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		10	115589	MS	EET ATL	02/20/26 21:05
Total/NA	Prep	3010A			113811	TR	EET ATL	02/12/26 12:52
Total/NA	Analysis	6010D		1	115474	DS	EET ATL	02/19/26 17:24
Total Recoverable	Prep	3005A			113995	SA	EET ATL	02/13/26 08:52
Total Recoverable	Analysis	6020B		1	114678	IF	EET ATL	02/16/26 20:24
Total/NA	Prep	7470A			115045	KB	EET ATL	02/19/26 14:30
Total/NA	Analysis	7470A		1	115591	GR	EET ATL	02/19/26 17:21
Total/NA	Analysis	2320B-2011		1	115667	AH	EET ATL	02/20/26 15:04
Total/NA	Analysis	2540C - 2015		1	113875	AGA	EET ATL	02/12/26 16:45

Lab Chronicle

Client: Southern Company
Project/Site: Plant Wansley Ash Pond Quarterly 3

Job ID: 705-57340-1

Client Sample ID: WAN-WGWC-37D
Lab Sample ID: 705-57340-3

Date Collected: 02/09/26 16:25
Date Received: 02/11/26 15:30
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	SM 4500 S2 C			114323	GT	EET ATL	02/15/26 12:20
Total/NA	Analysis	4500 S2 F-2011		1	114341	GT	EET ATL	02/15/26 17:36

Client Sample ID: WAN-WGWC-30
Lab Sample ID: 705-57340-4

Date Collected: 02/10/26 10:50
Date Received: 02/11/26 15:30
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	115589	MS	EET ATL	02/20/26 21:16
Total/NA	Prep	3010A			113811	TR	EET ATL	02/12/26 12:52
Total/NA	Analysis	6010D		1	115474	DS	EET ATL	02/19/26 17:27
Total Recoverable	Prep	3005A			113995	SA	EET ATL	02/13/26 08:52
Total Recoverable	Analysis	6020B		1	114678	IF	EET ATL	02/16/26 20:30
Total/NA	Prep	7470A			115045	KB	EET ATL	02/19/26 14:30
Total/NA	Analysis	7470A		1	115591	GR	EET ATL	02/19/26 17:24
Total/NA	Analysis	2320B-2011		1	115701	AH	EET ATL	02/20/26 15:04
Total/NA	Analysis	2540C - 2015		1	113875	AGA	EET ATL	02/12/26 16:45
Total/NA	Prep	SM 4500 S2 C			114323	GT	EET ATL	02/15/26 12:20
Total/NA	Analysis	4500 S2 F-2011		1	114341	GT	EET ATL	02/15/26 17:36

Client Sample ID: WAN-AP1-FD-09
Lab Sample ID: 705-57340-5

Date Collected: 02/10/26 00:00
Date Received: 02/11/26 15:30
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	115589	MS	EET ATL	02/20/26 21:27
Total/NA	Prep	3010A			113811	TR	EET ATL	02/12/26 12:52
Total/NA	Analysis	6010D		1	115474	DS	EET ATL	02/19/26 17:30
Total Recoverable	Prep	3005A			113995	SA	EET ATL	02/13/26 08:52
Total Recoverable	Analysis	6020B		1	114678	IF	EET ATL	02/16/26 20:32
Total/NA	Prep	7470A			115045	KB	EET ATL	02/19/26 14:30
Total/NA	Analysis	7470A		1	115591	GR	EET ATL	02/19/26 17:28
Total/NA	Analysis	2320B-2011		1	115701	AH	EET ATL	02/20/26 15:04
Total/NA	Analysis	2540C - 2015		1	113875	AGA	EET ATL	02/12/26 16:45
Total/NA	Prep	SM 4500 S2 C			114323	GT	EET ATL	02/15/26 12:20
Total/NA	Analysis	4500 S2 F-2011		1	114341	GT	EET ATL	02/15/26 17:36

Client Sample ID: WAN-WGWC-31D
Lab Sample ID: 705-57340-6

Date Collected: 02/10/26 10:58
Date Received: 02/11/26 15:30
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	115589	MS	EET ATL	02/20/26 21:39
Total/NA	Prep	3010A			113811	TR	EET ATL	02/12/26 12:52
Total/NA	Analysis	6010D		1	115474	DS	EET ATL	02/19/26 17:33

Lab Chronicle

Client: Southern Company
Project/Site: Plant Wansley Ash Pond Quarterly 3

Job ID: 705-57340-1

Client Sample ID: WAN-WGWC-31D
Date Collected: 02/10/26 10:58
Date Received: 02/11/26 15:30

Lab Sample ID: 705-57340-6
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			113995	SA	EET ATL	02/13/26 08:52
Total Recoverable	Analysis	6020B		1	114678	IF	EET ATL	02/16/26 20:35
Total/NA	Prep	7470A			115045	KB	EET ATL	02/19/26 14:30
Total/NA	Analysis	7470A		1	115591	GR	EET ATL	02/19/26 17:31
Total/NA	Analysis	2320B-2011		1	115667	AH	EET ATL	02/20/26 15:04
Total/NA	Analysis	2540C - 2015		1	113875	AGA	EET ATL	02/12/26 16:45
Total/NA	Prep	SM 4500 S2 C			114323	GT	EET ATL	02/15/26 12:20
Total/NA	Analysis	4500 S2 F-2011		1	114341	GT	EET ATL	02/15/26 17:36

Client Sample ID: WAN-AP1-EB-09
Date Collected: 02/10/26 10:20
Date Received: 02/11/26 15:30

Lab Sample ID: 705-57340-7
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	115589	MS	EET ATL	02/20/26 21:50
Total/NA	Prep	3010A			113811	TR	EET ATL	02/12/26 12:52
Total/NA	Analysis	6010D		1	115474	DS	EET ATL	02/19/26 17:36
Total Recoverable	Prep	3005A			113995	SA	EET ATL	02/13/26 08:52
Total Recoverable	Analysis	6020B		1	114678	IF	EET ATL	02/16/26 20:38
Total/NA	Prep	7470A			116486	TA	EET ATL	02/25/26 20:15
Total/NA	Analysis	7470A		1	116800	TA	EET ATL	02/26/26 00:19
Total/NA	Analysis	2320B-2011		1	115701	AH	EET ATL	02/20/26 15:04
Total/NA	Analysis	2540C - 2015		1	113875	AGA	EET ATL	02/12/26 16:45
Total/NA	Prep	SM 4500 S2 C			114323	GT	EET ATL	02/15/26 12:20
Total/NA	Analysis	4500 S2 F-2011		1	114341	GT	EET ATL	02/15/26 17:36

Client Sample ID: WAN-WGWC-36D
Date Collected: 02/10/26 12:35
Date Received: 02/11/26 15:30

Lab Sample ID: 705-57340-8
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	115589	MS	EET ATL	02/20/26 22:02
Total/NA	Prep	3010A			113811	TR	EET ATL	02/12/26 12:52
Total/NA	Analysis	6010D		1	115474	DS	EET ATL	02/19/26 17:45
Total Recoverable	Prep	3005A			113995	SA	EET ATL	02/13/26 08:52
Total Recoverable	Analysis	6020B		1	114678	IF	EET ATL	02/16/26 20:40
Total/NA	Prep	7470A			115045	KB	EET ATL	02/19/26 14:30
Total/NA	Analysis	7470A		1	115591	GR	EET ATL	02/19/26 17:49
Total/NA	Analysis	2320B-2011		1	115667	AH	EET ATL	02/20/26 15:04
Total/NA	Analysis	2540C - 2015		1	113875	AGA	EET ATL	02/12/26 16:45
Total/NA	Prep	SM 4500 S2 C			114323	GT	EET ATL	02/15/26 12:20
Total/NA	Analysis	4500 S2 F-2011		1	114341	GT	EET ATL	02/15/26 17:36

Lab Chronicle

Client: Southern Company
Project/Site: Plant Wansley Ash Pond Quarterly 3

Job ID: 705-57340-1

Client Sample ID: WAN-WGWC-37S

Lab Sample ID: 705-57340-9
Date Collected: 02/10/26 14:00
Matrix: Water
Date Received: 02/11/26 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	115589	MS	EET ATL	02/20/26 22:13
Total/NA	Analysis	300.0		20	115755	MS	EET ATL	02/21/26 14:36
Total/NA	Prep	3010A			113811	TR	EET ATL	02/12/26 12:52
Total/NA	Analysis	6010D		1	115474	DS	EET ATL	02/19/26 17:48
Total Recoverable	Prep	3005A			113995	SA	EET ATL	02/13/26 08:52
Total Recoverable	Analysis	6020B		1	114678	IF	EET ATL	02/16/26 20:43
Total Recoverable	Prep	3005A			113995	SA	EET ATL	02/13/26 08:52
Total Recoverable	Analysis	6020B		50	114678	IF	EET ATL	02/16/26 20:46
Total/NA	Prep	7470A			115045	KB	EET ATL	02/19/26 14:30
Total/NA	Analysis	7470A		1	115591	GR	EET ATL	02/19/26 17:52
Total/NA	Analysis	2320B-2011		1	115701	AH	EET ATL	02/20/26 15:04
Total/NA	Analysis	2540C - 2015		1	113875	AGA	EET ATL	02/12/26 16:45
Total/NA	Prep	SM 4500 S2 C			114323	GT	EET ATL	02/15/26 12:20
Total/NA	Analysis	4500 S2 F-2011		1	114341	GT	EET ATL	02/15/26 17:36

Client Sample ID: WAN-WGWC-39

Lab Sample ID: 705-57340-10
Date Collected: 02/10/26 16:59
Matrix: Water
Date Received: 02/11/26 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	115589	MS	EET ATL	02/20/26 22:24
Total/NA	Prep	3010A			113811	TR	EET ATL	02/12/26 12:52
Total/NA	Analysis	6010D		1	115474	DS	EET ATL	02/19/26 17:51
Total Recoverable	Prep	3005A			113995	SA	EET ATL	02/13/26 08:52
Total Recoverable	Analysis	6020B		1	114678	IF	EET ATL	02/16/26 20:49
Total/NA	Prep	7470A			116486	TA	EET ATL	02/25/26 20:15
Total/NA	Analysis	7470A		1	116800	TA	EET ATL	02/26/26 00:23
Total/NA	Analysis	2320B-2011		1	115701	AH	EET ATL	02/20/26 15:04
Total/NA	Analysis	2540C - 2015		1	113875	AGA	EET ATL	02/12/26 16:45
Total/NA	Prep	SM 4500 S2 C			114323	GT	EET ATL	02/15/26 12:20
Total/NA	Analysis	4500 S2 F-2011		1	114341	GT	EET ATL	02/15/26 17:36

Client Sample ID: WAN-AP1-FB-15

Lab Sample ID: 705-57340-11
Date Collected: 02/10/26 15:30
Matrix: Water
Date Received: 02/11/26 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	115589	MS	EET ATL	02/20/26 22:36
Total/NA	Prep	3010A			113811	TR	EET ATL	02/12/26 12:52
Total/NA	Analysis	6010D		1	115474	DS	EET ATL	02/19/26 17:54
Total Recoverable	Prep	3005A			113995	SA	EET ATL	02/13/26 08:52
Total Recoverable	Analysis	6020B		1	114678	IF	EET ATL	02/16/26 21:05
Total/NA	Prep	7470A			115045	KB	EET ATL	02/19/26 14:30
Total/NA	Analysis	7470A		1	115591	GR	EET ATL	02/19/26 17:59

Lab Chronicle

Client: Southern Company
Project/Site: Plant Wansley Ash Pond Quarterly 3

Job ID: 705-57340-1

Client Sample ID: WAN-AP1-FB-15

Lab Sample ID: 705-57340-11
Date Collected: 02/10/26 15:30
Matrix: Water
Date Received: 02/11/26 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	2320B-2011		1	115701	AH	EET ATL	02/20/26 15:04
Total/NA	Analysis	2540C - 2015		1	114707	NN	EET ATL	02/17/26 12:05
Total/NA	Prep	SM 4500 S2 C			114323	GT	EET ATL	02/15/26 12:20
Total/NA	Analysis	4500 S2 F-2011		1	114341	GT	EET ATL	02/15/26 17:36

Client Sample ID: WAN-WGWC-41

Lab Sample ID: 705-57432-1
Date Collected: 02/11/26 09:50
Matrix: Water
Date Received: 02/12/26 14:48

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	114283	JO	EET ATL 2	02/14/26 12:51
Total/NA	Analysis	300.0		10	114283	JO	EET ATL 2	02/14/26 19:46
Total/NA	Prep	3010A			113935	TR	EET ATL	02/12/26 17:55
Total/NA	Analysis	6010D		1	115053	DS	EET ATL	02/18/26 10:59
Total Recoverable	Prep	3005A			113911	TR	EET ATL	02/12/26 16:40
Total Recoverable	Analysis	6020B		1	114677	IF	EET ATL	02/16/26 17:38
Total/NA	Prep	7470A			116542	KB	EET ATL	02/25/26 13:54
Total/NA	Analysis	7470A		1	116955	GR	EET ATL	02/26/26 21:42
Total/NA	Analysis	2320B-2011		1	116263	AH	EET ATL	02/24/26 12:10
Total/NA	Analysis	2540C - 2015		1	114812	NN	EET ATL	02/17/26 16:45

Client Sample ID: WAN-WGWC-40

Lab Sample ID: 705-57432-2
Date Collected: 02/11/26 10:46
Matrix: Water
Date Received: 02/12/26 14:48

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	114283	JO	EET ATL 2	02/14/26 13:37
Total/NA	Prep	3010A			113935	TR	EET ATL	02/12/26 17:55
Total/NA	Analysis	6010D		1	114728	DS	EET ATL	02/17/26 10:46
Total/NA	Prep	3010A			113935	TR	EET ATL	02/12/26 17:55
Total/NA	Analysis	6010D		1	115053	DS	EET ATL	02/18/26 10:44
Total Recoverable	Prep	3005A			113911	TR	EET ATL	02/12/26 16:40
Total Recoverable	Analysis	6020B		1	114677	IF	EET ATL	02/16/26 17:40
Total/NA	Prep	7470A			116542	KB	EET ATL	02/25/26 13:54
Total/NA	Analysis	7470A		1	116955	GR	EET ATL	02/26/26 22:02
Total/NA	Analysis	2320B-2011		1	116263	AH	EET ATL	02/24/26 12:10
Total/NA	Analysis	2540C - 2015		1	114812	NN	EET ATL	02/17/26 16:45
Total/NA	Prep	SM 4500 S2 C			114323	GT	EET ATL	02/15/26 12:20
Total/NA	Analysis	4500 S2 F-2011		1	114341	GT	EET ATL	02/15/26 17:36

Lab Chronicle

Client: Southern Company
Project/Site: Plant Wansley Ash Pond Quarterly 3

Job ID: 705-57340-1

Client Sample ID: WAN-WGWC-34D

Lab Sample ID: 705-57432-3
Date Collected: 02/11/26 11:05
Matrix: Water
Date Received: 02/12/26 14:48

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		10	116176	MS	EET ATL	02/24/26 12:19
Total/NA	Analysis	300.0		1	114283	JO	EET ATL 2	02/14/26 14:23
Total/NA	Prep	3010A			113935	TR	EET ATL	02/12/26 17:55
Total/NA	Analysis	6010D		1	115053	DS	EET ATL	02/18/26 11:02
Total Recoverable	Prep	3005A			113911	TR	EET ATL	02/12/26 16:40
Total Recoverable	Analysis	6020B		1	116619	TT	EET ATL	02/25/26 15:55
Total Recoverable	Prep	3005A			113911	TR	EET ATL	02/12/26 16:40
Total Recoverable	Analysis	6020B		1	114677	IF	EET ATL	02/16/26 17:43
Total Recoverable	Prep	3005A			113911	TR	EET ATL	02/12/26 16:40
Total Recoverable	Analysis	6020B		5	114677	IF	EET ATL	02/16/26 17:46
Total/NA	Prep	7470A			116542	KB	EET ATL	02/25/26 13:54
Total/NA	Analysis	7470A		1	116955	GR	EET ATL	02/26/26 22:06
Total/NA	Analysis	2320B-2011		1	116192	AH	EET ATL	02/24/26 12:10
Total/NA	Analysis	2540C - 2015		1	114812	NN	EET ATL	02/17/26 16:45
Total/NA	Prep	SM 4500 S2 C			114323	GT	EET ATL	02/15/26 12:20
Total/NA	Analysis	4500 S2 F-2011		1	114341	GT	EET ATL	02/15/26 17:36

Client Sample ID: WAN-WGWC-32

Lab Sample ID: 705-57432-4
Date Collected: 02/11/26 11:54
Matrix: Water
Date Received: 02/12/26 14:48

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	114283	JO	EET ATL 2	02/14/26 14:35
Total/NA	Prep	3010A			113935	TR	EET ATL	02/12/26 17:55
Total/NA	Analysis	6010D		1	115053	DS	EET ATL	02/18/26 11:05
Total Recoverable	Prep	3005A			113911	TR	EET ATL	02/12/26 16:40
Total Recoverable	Analysis	6020B		1	114677	IF	EET ATL	02/16/26 17:49
Total/NA	Prep	7470A			116542	KB	EET ATL	02/25/26 13:54
Total/NA	Analysis	7470A		1	116955	GR	EET ATL	02/26/26 22:09
Total/NA	Analysis	2320B-2011		1	116263	AH	EET ATL	02/24/26 12:10
Total/NA	Analysis	2540C - 2015		1	114812	NN	EET ATL	02/17/26 16:45
Total/NA	Prep	SM 4500 S2 C			114323	GT	EET ATL	02/15/26 12:20
Total/NA	Analysis	4500 S2 F-2011		1	114341	GT	EET ATL	02/15/26 17:36

Client Sample ID: WAN-WGWC-35D

Lab Sample ID: 705-57432-5
Date Collected: 02/11/26 12:20
Matrix: Water
Date Received: 02/12/26 14:48

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	115179	MS	EET ATL 2	02/18/26 21:41
Total/NA	Prep	3010A			113935	TR	EET ATL	02/12/26 17:55
Total/NA	Analysis	6010D		1	115053	DS	EET ATL	02/18/26 11:08
Total Recoverable	Prep	3005A			113911	TR	EET ATL	02/12/26 16:40
Total Recoverable	Analysis	6020B		1	114677	IF	EET ATL	02/16/26 17:51

Lab Chronicle

Client: Southern Company
Project/Site: Plant Wansley Ash Pond Quarterly 3

Job ID: 705-57340-1

Client Sample ID: WAN-WGWC-35D

Lab Sample ID: 705-57432-5
Date Collected: 02/11/26 12:20
Matrix: Water
Date Received: 02/12/26 14:48

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	7470A			116542	KB	EET ATL	02/25/26 13:54
Total/NA	Analysis	7470A		1	116955	GR	EET ATL	02/26/26 22:13
Total/NA	Analysis	2320B-2011		1	116192	AH	EET ATL	02/24/26 12:10
Total/NA	Analysis	2540C - 2015		1	114812	NN	EET ATL	02/17/26 16:45
Total/NA	Prep	SM 4500 S2 C			114323	GT	EET ATL	02/15/26 12:20
Total/NA	Analysis	4500 S2 F-2011		1	114341	GT	EET ATL	02/15/26 17:36

Client Sample ID: WAN-WGWC-33

Lab Sample ID: 705-57432-6
Date Collected: 02/11/26 13:17
Matrix: Water
Date Received: 02/12/26 14:48

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		10	115312	MS	EET ATL	02/19/26 20:42
Total/NA	Analysis	300.0		1	115179	MS	EET ATL 2	02/18/26 21:53
Total/NA	Prep	3010A			113935	TR	EET ATL	02/12/26 17:55
Total/NA	Analysis	6010D		1	115053	DS	EET ATL	02/18/26 11:17
Total Recoverable	Prep	3005A			113911	TR	EET ATL	02/12/26 16:40
Total Recoverable	Analysis	6020B		1	114677	IF	EET ATL	02/16/26 17:54
Total/NA	Prep	7470A			116542	KB	EET ATL	02/25/26 13:54
Total/NA	Analysis	7470A		1	116955	GR	EET ATL	02/26/26 22:16
Total/NA	Analysis	2320B-2011		1	116263	AH	EET ATL	02/24/26 12:10
Total/NA	Analysis	2540C - 2015		1	114812	NN	EET ATL	02/17/26 16:45
Total/NA	Prep	SM 4500 S2 C			114324	GT	EET ATL	02/15/26 14:22
Total/NA	Analysis	4500 S2 F-2011		1	114453	GD	EET ATL	02/16/26 12:30

Client Sample ID: WAN-AP1-FD-10

Lab Sample ID: 705-57432-7
Date Collected: 02/11/26 00:00
Matrix: Water
Date Received: 02/12/26 14:48

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	115179	MS	EET ATL 2	02/18/26 22:04
Total/NA	Prep	3010A			113935	TR	EET ATL	02/12/26 17:55
Total/NA	Analysis	6010D		1	115053	DS	EET ATL	02/18/26 11:20
Total Recoverable	Prep	3005A			113911	TR	EET ATL	02/12/26 16:40
Total Recoverable	Analysis	6020B		1	114677	IF	EET ATL	02/16/26 18:00
Total/NA	Prep	7470A			116542	KB	EET ATL	02/25/26 13:54
Total/NA	Analysis	7470A		1	116955	GR	EET ATL	02/26/26 22:20
Total/NA	Analysis	2320B-2011		1	116263	AH	EET ATL	02/24/26 12:10
Total/NA	Analysis	2540C - 2015		1	114812	NN	EET ATL	02/17/26 16:45
Total/NA	Prep	SM 4500 S2 C			114324	GT	EET ATL	02/15/26 14:22
Total/NA	Analysis	4500 S2 F-2011		1	114453	GD	EET ATL	02/16/26 12:30

Lab Chronicle

Client: Southern Company
Project/Site: Plant Wansley Ash Pond Quarterly 3

Job ID: 705-57340-1

Client Sample ID: WAN-WGWC-36S

Lab Sample ID: 705-57432-8
Date Collected: 02/11/26 15:40
Matrix: Water
Date Received: 02/12/26 14:48

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		20	115179	MS	EET ATL 2	02/18/26 22:16
Total/NA	Prep	3010A			113935	TR	EET ATL	02/12/26 17:55
Total/NA	Analysis	6010D		1	115053	DS	EET ATL	02/18/26 11:23
Total Recoverable	Prep	3005A			113911	TR	EET ATL	02/12/26 16:40
Total Recoverable	Analysis	6020B		1	114677	IF	EET ATL	02/16/26 18:03
Total Recoverable	Prep	3005A			113911	TR	EET ATL	02/12/26 16:40
Total Recoverable	Analysis	6020B		5	114677	IF	EET ATL	02/16/26 18:19
Total/NA	Prep	7470A			116542	KB	EET ATL	02/25/26 13:54
Total/NA	Analysis	7470A		1	116955	GR	EET ATL	02/26/26 22:23
Total/NA	Analysis	2320B-2011		1	116192	AH	EET ATL	02/24/26 12:10
Total/NA	Analysis	2540C - 2015		1	114812	NN	EET ATL	02/17/26 16:45
Total/NA	Prep	SM 4500 S2 C			114324	GT	EET ATL	02/15/26 14:22
Total/NA	Analysis	4500 S2 F-2011		1	114453	GD	EET ATL	02/16/26 12:30

Client Sample ID: WAN-AP1-FB-16

Lab Sample ID: 705-57432-9
Date Collected: 02/11/26 15:00
Matrix: Water
Date Received: 02/12/26 14:48

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	115179	MS	EET ATL 2	02/18/26 23:02
Total/NA	Prep	3010A			113935	TR	EET ATL	02/12/26 17:55
Total/NA	Analysis	6010D		1	115053	DS	EET ATL	02/18/26 11:26
Total Recoverable	Prep	3005A			113911	TR	EET ATL	02/12/26 16:40
Total Recoverable	Analysis	6020B		1	114677	IF	EET ATL	02/16/26 18:21
Total/NA	Prep	7470A			116542	KB	EET ATL	02/25/26 13:54
Total/NA	Analysis	7470A		1	116955	GR	EET ATL	02/26/26 22:27
Total/NA	Analysis	2320B-2011		1	116263	AH	EET ATL	02/24/26 12:10
Total/NA	Analysis	2540C - 2015		1	114812	NN	EET ATL	02/17/26 16:45
Total/NA	Prep	SM 4500 S2 C			114324	GT	EET ATL	02/15/26 14:22
Total/NA	Analysis	4500 S2 F-2011		1	114453	GD	EET ATL	02/16/26 12:30

Client Sample ID: WAN-WGWC-35S

Lab Sample ID: 705-57432-10
Date Collected: 02/12/26 10:55
Matrix: Water
Date Received: 02/12/26 14:48

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	115179	MS	EET ATL 2	02/18/26 23:14
Total/NA	Prep	3010A			113935	TR	EET ATL	02/12/26 17:55
Total/NA	Analysis	6010D		1	115053	DS	EET ATL	02/18/26 11:29
Total Recoverable	Prep	3005A			113911	TR	EET ATL	02/12/26 16:40
Total Recoverable	Analysis	6020B		1	114677	IF	EET ATL	02/16/26 18:24
Total/NA	Prep	7470A			116542	KB	EET ATL	02/25/26 13:54
Total/NA	Analysis	7470A		1	116955	GR	EET ATL	02/26/26 22:41
Total/NA	Analysis	2320B-2011		1	116192	AH	EET ATL	02/24/26 12:10

Lab Chronicle

Client: Southern Company
Project/Site: Plant Wansley Ash Pond Quarterly 3

Job ID: 705-57340-1

Client Sample ID: WAN-WGWC-35S

Lab Sample ID: 705-57432-10
Date Collected: 02/12/26 10:55
Matrix: Water
Date Received: 02/12/26 14:48

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	2540C - 2015		1	114812	NN	EET ATL	02/17/26 16:45
Total/NA	Prep	SM 4500 S2 C			114675	GD	EET ATL	02/17/26 10:02
Total/NA	Analysis	4500 S2 F-2011		1	114695	GD	EET ATL	02/17/26 12:05

Client Sample ID: WAN-WGWC-38D

Lab Sample ID: 705-57432-11
Date Collected: 02/12/26 11:03
Matrix: Water
Date Received: 02/12/26 14:48

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		50	115589	MS	EET ATL	02/20/26 11:48
Total/NA	Analysis	300.0		1	115179	MS	EET ATL 2	02/18/26 23:25
Total/NA	Prep	3010A			113935	TR	EET ATL	02/12/26 17:55
Total/NA	Analysis	6010D		1	115053	DS	EET ATL	02/18/26 11:32
Total/NA	Prep	3010A			113935	TR	EET ATL	02/12/26 17:55
Total/NA	Analysis	6010D		10	115053	DS	EET ATL	02/18/26 11:41
Total Recoverable	Prep	3005A			113911	TR	EET ATL	02/12/26 16:40
Total Recoverable	Analysis	6020B		1	114677	IF	EET ATL	02/16/26 18:27
Total Recoverable	Prep	3005A			113911	TR	EET ATL	02/12/26 16:40
Total Recoverable	Analysis	6020B		5	114677	IF	EET ATL	02/16/26 18:30
Total/NA	Prep	7470A			116542	KB	EET ATL	02/25/26 13:54
Total/NA	Analysis	7470A		1	116955	GR	EET ATL	02/26/26 22:44
Total/NA	Analysis	2320B-2011		1	116263	AH	EET ATL	02/24/26 12:10
Total/NA	Analysis	2540C - 2015		1	114812	NN	EET ATL	02/17/26 16:45
Total/NA	Prep	SM 4500 S2 C			114675	GD	EET ATL	02/17/26 10:02
Total/NA	Analysis	4500 S2 F-2011		1	114695	GD	EET ATL	02/17/26 12:05

Client Sample ID: WAN-WGWC-38S

Lab Sample ID: 705-57432-12
Date Collected: 02/12/26 11:36
Matrix: Water
Date Received: 02/12/26 14:48

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		20	115179	MS	EET ATL 2	02/18/26 23:37
Total/NA	Prep	3010A			113935	TR	EET ATL	02/12/26 17:55
Total/NA	Analysis	6010D		1	115053	DS	EET ATL	02/18/26 11:35
Total Recoverable	Prep	3005A			113911	TR	EET ATL	02/12/26 16:40
Total Recoverable	Analysis	6020B		1	114677	IF	EET ATL	02/16/26 18:32
Total Recoverable	Prep	3005A			113911	TR	EET ATL	02/12/26 16:40
Total Recoverable	Analysis	6020B		5	114677	IF	EET ATL	02/16/26 18:36
Total/NA	Prep	7470A			116542	KB	EET ATL	02/25/26 13:54
Total/NA	Analysis	7470A		1	116955	GR	EET ATL	02/26/26 22:47
Total/NA	Analysis	2320B-2011		1	116192	AH	EET ATL	02/24/26 12:10
Total/NA	Analysis	2540C - 2015		1	114812	NN	EET ATL	02/17/26 16:45
Total/NA	Prep	SM 4500 S2 C			114675	GD	EET ATL	02/17/26 10:02
Total/NA	Analysis	4500 S2 F-2011		1	114695	GD	EET ATL	02/17/26 12:05

Lab Chronicle

Client: Southern Company
Project/Site: Plant Wansley Ash Pond Quarterly 3

Job ID: 705-57340-1

Client Sample ID: WAN-AP1-EB-10

Date Collected: 02/12/26 11:40
Date Received: 02/12/26 14:48

Lab Sample ID: 705-57432-13

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	115179	MS	EET ATL 2	02/18/26 23:48
Total/NA	Prep	3010A			113935	TR	EET ATL	02/12/26 17:55
Total/NA	Analysis	6010D		1	115053	DS	EET ATL	02/18/26 11:38
Total Recoverable	Prep	3005A			113911	TR	EET ATL	02/12/26 16:40
Total Recoverable	Analysis	6020B		1	114677	IF	EET ATL	02/16/26 18:38
Total/NA	Prep	7470A			116542	KB	EET ATL	02/25/26 13:54
Total/NA	Analysis	7470A		1	116955	GR	EET ATL	02/26/26 22:51
Total/NA	Analysis	2320B-2011		1	116263	AH	EET ATL	02/24/26 12:10
Total/NA	Analysis	2540C - 2015		1	114812	NN	EET ATL	02/17/26 16:45
Total/NA	Prep	SM 4500 S2 C			114675	GD	EET ATL	02/17/26 10:02
Total/NA	Analysis	4500 S2 F-2011		1	114695	GD	EET ATL	02/17/26 12:05

Laboratory References:

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

Accreditation/Certification Summary

Client: Southern Company
Project/Site: Plant Wansley Ash Pond Quarterly 3

Job ID: 705-57340-1

Laboratory: Eurofins Atlanta

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

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

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ANALYTICAL REPORT

PREPARED FOR

Attn: Robert (Trey) Singleton
Southern Company
3535 Colonnade Parkway
Bin S 530 EC
Birmingham, Alabama 35243

Generated 3/19/2026 3:54:18 PM

JOB DESCRIPTION

Plant Wansley Ash Pond Quarterly 3

JOB NUMBER

705-57340-2

Eurofins Atlanta
3080 Presidential Dr
Atlanta GA 30340

See page two for job notes and contact information.

my EOL

Eurofins Atlanta

Job Notes

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

Authorization

Generated
3/19/2026 3:54:18 PM

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

Sample Summary

Client: Southern Company
Project/Site: Plant Wansley Ash Pond Quarterly 3

Job ID: 705-57340-2

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
705-57340-1	WAN-WGWC-34S	Water	02/09/26 14:50	02/11/26 15:30	Georgia (St)
705-57340-2	WAN-WGWC-31S	Water	02/09/26 15:19	02/11/26 15:30	Georgia (St)
705-57340-3	WAN-WGWC-37D	Water	02/09/26 16:25	02/11/26 15:30	Georgia (St)
705-57340-4	WAN-WGWC-30	Water	02/10/26 10:50	02/11/26 15:30	Georgia (St)
705-57340-5	WAN-AP1-FD-09	Water	02/10/26 00:00	02/11/26 15:30	Georgia (St)
705-57340-6	WAN-WGWC-31D	Water	02/10/26 10:58	02/11/26 15:30	Georgia (St)
705-57340-7	WAN-AP1-EB-09	Water	02/10/26 10:20	02/11/26 15:30	Georgia (St)
705-57340-8	WAN-WGWC-36D	Water	02/10/26 12:35	02/11/26 15:30	Georgia (St)
705-57340-9	WAN-WGWC-37S	Water	02/10/26 14:00	02/11/26 15:30	Georgia (St)
705-57340-10	WAN-WGWC-39	Water	02/10/26 16:59	02/11/26 15:30	Georgia (St)
705-57340-11	WAN-AP1-FB-15	Water	02/10/26 15:30	02/11/26 15:30	Georgia (St)
705-57432-2	WAN-WGWC-40	Water	02/11/26 10:46	02/12/26 14:48	Georgia (St)
705-57432-3	WAN-WGWC-34D	Water	02/11/26 11:05	02/12/26 14:48	Georgia (St)
705-57432-4	WAN-WGWC-32	Water	02/11/26 11:54	02/12/26 14:48	Georgia (St)
705-57432-5	WAN-WGWC-35D	Water	02/11/26 12:20	02/12/26 14:48	Georgia (St)
705-57432-6	WAN-WGWC-33	Water	02/11/26 13:17	02/12/26 14:48	Georgia (St)
705-57432-7	WAN-AP1-FD-10	Water	02/11/26 00:00	02/12/26 14:48	Georgia (St)
705-57432-8	WAN-WGWC-36S	Water	02/11/26 15:40	02/12/26 14:48	Georgia (St)
705-57432-9	WAN-AP1-FB-16	Water	02/11/26 15:00	02/12/26 14:48	Georgia (St)
705-57432-10	WAN-WGWC-35S	Water	02/12/26 10:55	02/12/26 14:48	Georgia (St)
705-57432-11	WAN-WGWC-38D	Water	02/12/26 11:03	02/12/26 14:48	Georgia (St)
705-57432-12	WAN-WGWC-38S	Water	02/12/26 11:36	02/12/26 14:48	Georgia (St)
705-57432-13	WAN-AP1-EB-10	Water	02/12/26 11:40	02/12/26 14:48	Georgia (St)

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

Chain of Custody Record

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Client Information	Sampler: J. Bessford, J. May (ACC)	Lab PM: David Fuller / Phone: 770-344-8986	Carrier Tracking No(s):	COC No:
Client Contact: SCS Contacts	Phone: 770-544-5998	E-Mail: David.Fuller@ET.EurofinsUS.com		Page: 1 of 1
Company: GA Power				Job #:
Address: 241 Ralph McGill Blvd SE	Due Date Requested:			
City: Atlanta	TAT Requested (days):			
State, Zip: GA, 30308				
Phone: 404-506-7116(Tel)	Lab Project #: 70504536			
Email: SCS Contacts / Geosyntec Contacts	PO #: GPC82130-0004 / PO Line #1			
Project Name: Plant Wansley Ash Pond Quarterly 3	Project #:			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Z, D - N, E - N, F - M, G - A, H - A, I - Ic, J - D, K - A, L - EDA
M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)
705-57340 COC
Other:

Task_Code: WAN-CCR-OTH-2026 0209

Special Instructions/Note:

Sample Identification	Sample Date (mm/dd/yy)	Sample Time (hhmm)	Sample Type (C=comp, G=grab)	Matrix (WG=ground water, WS=surface water, WQ=quality control)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D - Chloride, Fluoride, Sulfate	2540C_Calcd - Total Dissolved Solids (TDS)	6010D- App III Metals: B, Ca	6020B - App IV Metals: Sb,As,Ba,Be,Cd,Cr,Co,Pb,Mo,Se,Tl	6010D - Lithium	7470A - App IV Mercury	9315_Ra226 - Radium-226 (GFPC) - 21 day decay	9320_Ra228 - Radium-228 (GFPC) - 21 day decay	Ra226Ra228_GFPC - Combined Radium 226 and 228	Major Ions - Carbonate, Bicarbonate, Total Alkalinity	Major Ions - Sulfide	Major Ions - Fe, Mg, Mn, K, Na		Total Number of containers	Special Instructions/Note:
				Preservation Code:			I	I	D	D	D	D	D	D	D	I	B, C	D			
WAN- W GWC-34S	02/09/26	1450	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		6	
WAN- W GWC-31S	02/09/26	1519	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		6	
WAN- W GWC-37D	02/09/26	1625	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		6	
WAN- W GWC-30	02/10/26	1050	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		6	
WAN- API-FD-09	02/10/26	—	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		6	
WAN- W GWC-31D	02/10/26	1058	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		6	
WAN- API-FB-09	02/10/26	1020	G	WQ	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		6	
WAN- W GWC-36D	02/10/26	1235	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		6	
WAN- W GWC-37S	02/10/26	1400	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		6	
WAN- W GWC-39	02/10/26	1659	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		6	
WAN- API-FB-15	02/10/26	1530	G	WQ	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		6	

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

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

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

Special Instructions/QC Requirements:

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

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	2/11/26 1245	ACC		2/11/26 1245	ACC
	2/11/26 1530	ACC		2-11-26 1530	

Custody Seals Intact: Δ Yes Δ No

Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: Q # 2665 1.8 1.6 2.1 1.4

Ver: 01/16/2019

3/19/2026

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

Chain of Custody Record

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Client Information	Sampler: J. Barstead, J. May (ACC)	Lab PM: David Fuller / Phone: 770-344-8986	Carrier Tracking No(s):	COC No:
Client Contact: SCS Contacts	Phone: 770-594-5998	E-Mail: David.Fuller@ET.EurofinsUS.com		Page: 1 of 1 2
Company: GA Power				Job #:
Address: 241 Ralph McGill Blvd SE	Due Date Requested:			
City: Atlanta	TAT Requested (days):			
State, Zip: GA, 30308				
Phone: 404-506-7116(Tel)	Lab Project #: 70504536			
Email: SCS Contacts / Geosyntec Contacts	PO #: GPC82130-0004 / PO Line #1			
Project Name: Plant Wansley Ash Pond Quarterly 3	Project #:			
Site:	SSOW#:			

Analysis Requested

Sample Identification	Sample Date (mm/dd/yy)	Sample Time (hhmm)	Sample Type (C=comp, G=grab)	Matrix (WG=ground water, WS=surface water, WQ=quality control)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D - Chloride, Fluoride, Sulfate	2540C_Calcd - Total Dissolved Solids (TDS)	6010D- App III Metals: B, Ca	6020B - App IV Metals: Sb,As,Ba,Be,Cd,Cr,Co,Pb,Mo,Se,Tl	6010D - Lithium	7470A - App IV Mercury	9315_Ra226 - Radium-226 (GFPC) - 21 day decay	9320_Ra228 - Radium-228 (GFPC) - 21 day decay	Ra226Ra228_GFPC - Combined Radium 226 and 228	Major Ions - Carbonate, Bicarbonate, Total Alkalinity	Major Ions - Sulfide	Major Ions - Fe, Mg, Mn, K, Na		Total Number of containers	Special Instructions/Note:
			Preservation Code:				I	I	D	D	D	D	D	D	D	I	B, C	D			
WAN- WGWC-41	02/11/26	0950	G	WG	N	N	✓	✓	✓	✓	✓	✓				✓		✓		3	limited volume
WAN- WGWC-40	02/11/26	1046	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		6	
WAN- WGWC-34D	02/11/26	1105	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		6	
WAN- WGWC-32	02/11/26	1154	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		6	
WAN- WGWC-35D	02/11/26	1220	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		6	
WAN- WGWC-33	02/11/26	1317	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		6	
WAN- API-FD-10	02/11/26	—	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		6	
WAN- WGWC-36S	02/11/26	1540	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		6	
WAN- API-FB-16	02/11/26	1500	G	WQ	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		6	
WAN- WGWC-			G		N	N															
WAN-			G		N	N															

Preservation Codes:

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

Other:

Task_Code: WAN-CCR-OTH-20260209

05-57432 COC

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

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

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

Special Instructions/QC Requirements:

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

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
[signature]	2/12/26 1200	ACC	[signature]	2/12/26 1200	ACC
[signature]	2/12/26 1448	ACC	[signature]	2.12.26	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: C1 1.2 0.2 0.2 06

Ver: 01/16/2019

3/19/2026

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

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: SBerthford, J.Hay (ACC)	Lab PM: David Fuller / Phone: 770-344-8986	Carrier Tracking No(s):	COC No:
Client Contact: SCS Contacts	Phone: 770-544-5998	E-Mail: David.Fuller@ET.EurofinsUS.com		Page: 2 of 2
Company: GA Power				Job #:
Address: 241 Ralph McGill Blvd SE	Due Date Requested:			
City: Atlanta	TAT Requested (days):			
State, Zip: GA, 30308				
Phone: 404-506-7116(Tel)	Lab Project #: 70504536			
Email: SCS Contacts / Geosyntec Contacts	PO #: GPC82130-0004 / PO Line #1			
Project Name: Plant Wansley Ash Pond Quarterly 3	Project #:			
Site:	SSOW#:			

Analysis Requested

Sample Identification	Sample Date (mm/dd/yy)	Sample Time (hhmm)	Sample Type (C=comp, G=grab)	Matrix (WG=ground water, WS=surface water, WQ=quality control)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D - Chloride, Fluoride, Sulfate	2540C_Calcd - Total Dissolved Solids (TDS)	6010D- App III Metals: B, Ca	6020B - App IV Metals: Sb,As,Ba,Be,Cd,Cr,Co,Pb,Mo,Se,Tl	6010D - Lithium	7470A - App IV Mercury	9315_Ra226 - Radium-226 (GFPC) - 21 day decay	9320_Ra228 - Radium-228 (GFPC) - 21 day decay	Ra226Ra228_GFPC - Combined Radium 226 and 228	Major Ions - Carbonate, Bicarbonate, Total Alkalinity	Major Ions - Sulfide	Major Ions - Fe, Mg, Mn, K, Na		Total Number of containers
			Preservation Code:				I	I	D	D	D	D	D	D	D	I	B, C	D		
WAN- WGWC-35S	02/12/26	1055	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		6
WAN- WGWC-38D	02/12/26	1103	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		6
WAN- WGWC-38S	02/12/26	1136	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		6
WAN- API-EB-10	02/12/26	1140	G	WQ	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		6
WAN-			G		N	N														
WAN-			G		N	N														
WAN-			G		N	N														
WAN-			G		N	N														
WAN-			G		N	N														
WAN-			G		N	N														
WAN-			G		N	N														

Preservation Codes:

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

Other:

Task_Code: WAN-CCR-OTH-2026 0209

Special Instructions/Note:

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

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

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

Special Instructions/QC Requirements:

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

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
[signature]	2/12/26 1200	ACC	[signature]	2/12/26 1200	ACC
[signature]	2/12/26 1448	ACC	[signature]	2-12-26	1448

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks: 1.2 0.3 0.2 0.6

Ver: 01/16/2019

3/19/2026

Eurofins Atlanta
3080 Presidential Dr
Atlanta, GA 30340
Phone: 770-457-8177 Fax: 770-457-8188

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Fuller, David	Carrier Tracking No(s): N/A	COC No: 705-102994.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: David.Fuller@et.eurofinsus.com	State of Origin: Georgia	Page: Page 1 of 2
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note): NELAP - Florida; State - Georgia		Job #: 705-57340-1
Address: 13715 Rider Trail North, ,	Due Date Requested: 2/24/2026			Preservation Codes: -
City: Earth City	TAT Requested (days): N/A			
State, Zip: MO, 63045				
Phone: 314-298-8566(Tel) 314-298-8757(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Plant Wansley - Ash Pond	Project #: 70504536			
Site: N/A	SSOW#: N/A			Other: N/A

Analysis Requested

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	9315_Ra226/PrecSep_21Radium-226 (GFPC) - 21 day decay	9320_Ra228/PrecSep_0Radium-228 (GFPC) - 21 day decay	Ra226Ra228_GFPCCombined Radium-226 and Radium-228	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
WAN-WGWC-34S (705-57340-1)	2/9/26	14:50 Eastern	G	Water			X	X	X	2	
WAN-WGWC-31S (705-57340-2)	2/9/26	15:19 Eastern	G	Water			X	X	X	2	
WAN-WGWC-37D (705-57340-3)	2/9/26	16:25 Eastern	G	Water			X	X	X	2	
WAN-WGWC-30 (705-57340-4)	2/10/26	10:50 Eastern	G	Water			X	X	X	2	
WAN-API-FD-09 (705-57340-5)	2/10/26	Eastern	G	Water			X	X	X	2	
WAN-WGWC-31D (705-57340-6)	2/10/26	10:58 Eastern	G	Water			X	X	X	2	
WAN-API-EB-09 (705-57340-7)	2/10/26	10:20 Eastern	G	Water			X	X	X	2	
WAN-WGWC-36D (705-57340-8)	2/10/26	12:35 Eastern	G	Water			X	X	X	2	
WAN-WGWC-37S (705-57340-9)	2/10/26	14:00 Eastern	G	Water			X	X	X	2	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Southeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Southeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Southeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Southeast, LLC.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

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

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Andrea Steyer	2/12/26 1700		M. Pinette	FEB 13 2026 0900	
Relinquished by:	Date/Time:	Company	Received by: Meadow Pinette	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

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

Ver: 10/10/2024

Eurofins Atlanta
3080 Presidential Dr
Atlanta, GA 30340
Phone: 770-457-8177 Fax: 770-457-8188

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Fuller, David	Carrier Tracking No(s): N/A	COC No: 705-102994.2
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: David.Fuller@et.eurofinsus.com	State of Origin: Georgia	Page: Page 2 of 2
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note): NELAP - Florida; State - Georgia		Job #: 705-57340-1
Address: 13715 Rider Trail North, ,	Due Date Requested: 2/24/2026			Preservation Codes: -
City: Earth City	TAT Requested (days): N/A			
State, Zip: MO, 63045				
Phone: 314-298-8566(Tel) 314-298-8757(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Plant Wansley - Ash Pond	Project #: 70504536			
Site: N/A	SSOW#: N/A			Other: N/A

Analysis Requested

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	9315_Ra226/PrecSep_21Radium-226 (GFPC) - 21 day decay	9320_Ra228/PrecSep_0Radium-228 (GFPC) - 21 day decay	Ra226Ra228_GFPCCombined Radium-226 and Radium-228	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
WAN-WGWC-39 (705-57340-10)	2/10/26	16:59 Eastern	G	Water			X	X	X	2	
WAN-API-FB-15 (705-57340-11)	2/10/26	15:30 Eastern	G	Water			X	X	X	2	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Southeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Southeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Southeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Southeast, LLC.

Possible Hazard Identification
Unconfirmed

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

Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2

Special Instructions/QC Requirements:

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

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	02/12/26 1700		M. Pinette	FEB 13 2026 0900	
Relinquished by:	Date/Time:	Company	Received by: Meadow Pinette	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

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

Ver: 10/10/2024

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 705-57340-2

Login Number: 57340
List Number: 1
Creator: Sims, Christion

List Source: Eurofins Atlanta

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

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

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 705-57340-2

Login Number: 57340
List Number: 2
Creator: Pinette, Meadow L

List Source: Eurofins St. Louis
List Creation: 02/13/26 01:29 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
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.	N/A	
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?	N/A	
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").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 705-57340-2

Login Number: 57432
List Number: 1
Creator: Gay, Dalton

List Source: Eurofins Atlanta

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

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

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 705-57340-2

Login Number: 57432
List Number: 2
Creator: Pinette, Meadow L

List Source: Eurofins St. Louis
List Creation: 02/13/26 01:29 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
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.	N/A	
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?	N/A	
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").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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

Definitions/Glossary

Client: Southern Company
Project/Site: Plant Wansley Ash Pond Quarterly 3

Job ID: 705-57340-2

Qualifiers

Rad

Qualifier	Qualifier Description
F	Duplicate RPD exceeds the control limit
G	The Sample MDC is greater than the requested RL.
U	Result is less than the sample detection limit.

Glossary

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

Job Narrative
705-57340-2

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

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

Receipt
The samples were received on 2/11/2026 3:30 PM and 2/12/2026 2:48 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 8 coolers at receipt time were 0.2°C, 0.3°C, 0.6°C, 1.2°C, 1.4°C, 1.6°C, 1.8°C and 2.1°C.

Gas Flow Proportional Counter
Method 9315: Radium 226 Batch 758534
The sample duplicate (DUP) precision for (705-57300-F-17-A DU) was outside the control limits. However the original sample and DUP activity is below the RL making the measurement of precision less critical. The lab does not believe this discrepancy to have a negative impact on the data being reported.

Method 9320: Radium-228 batch 758538
The MDC for the following sample(s) is flagged as failing; The laboratory considers the detection goal (requested limit) met when rounding to the appropriate place value. Additionally the activity in the sample is above the requested limit and achieved MDC. No further action is required. Original results will be reported. WAN-WGWC-38S (705-57432-12)

Method 9320: Radium-228 batch 758535
The detection goal was not met for the following sample due to the reduced sample volume used for prep attributed to the presence of matrix interferences: WAN-WGWC-39 (705-57340-10). Analytical results are reported with the detection limit achieved.

Method 9320: Radium-228 batch 758535
The MDC did not meet the requested limit for the following sample. WAN-WGWC-34S (705-57340-1). The activity in the sample is above the requested limit and achieved MDC. No further action is required. Original results will be reported

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

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

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley Ash Pond Quarterly 3

Job ID: 705-57340-2

Client Sample ID: WAN-WGWC-34S

Lab Sample ID: 705-57340-1

Date Collected: 02/09/26 14:50
Date Received: 02/11/26 15:30

Matrix: Water

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.0427	U	0.0820	0.0821	1.00	0.213	pCi/L	02/24/26 07:06	03/18/26 10:02	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*38.5*		*30 - 110*	*02/24/26 07:06*	*03/18/26 10:02*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**1.63**	**G**	0.829	0.842	1.00	1.13	pCi/L	02/24/26 07:08	03/11/26 11:48	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*38.5*		*30 - 110*	*02/24/26 07:08*	*03/11/26 11:48*	*1*
Y Carrier	*80.7*		*30 - 110*	*02/24/26 07:08*	*03/11/26 11:48*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	**1.59**		0.833	0.846	5.00	1.13	pCi/L		03/19/26 14:30	1

Client Sample ID: WAN-WGWC-31S

Lab Sample ID: 705-57340-2

Date Collected: 02/09/26 15:19
Date Received: 02/11/26 15:30

Matrix: Water

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**0.319**		0.124	0.127	1.00	0.135	pCi/L	02/24/26 07:06	03/18/26 12:00	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*82.6*		*30 - 110*	*02/24/26 07:06*	*03/18/26 12:00*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**1.03**		0.440	0.450	1.00	0.575	pCi/L	02/24/26 07:08	03/11/26 11:48	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*82.6*		*30 - 110*	*02/24/26 07:08*	*03/11/26 11:48*	*1*
Y Carrier	*78.5*		*30 - 110*	*02/24/26 07:08*	*03/11/26 11:48*	*1*

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley Ash Pond Quarterly 3

Job ID: 705-57340-2

Client Sample ID: WAN-WGWC-31S

Lab Sample ID: 705-57340-2
Date Collected: 02/09/26 15:19
Matrix: Water
Date Received: 02/11/26 15:30

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	1.35		0.457	0.468	5.00	0.575	pCi/L		03/19/26 14:30	1

Client Sample ID: WAN-WGWC-37D

Lab Sample ID: 705-57340-3
Date Collected: 02/09/26 16:25
Matrix: Water
Date Received: 02/11/26 15:30

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.236		0.107	0.109	1.00	0.125	pCi/L	02/24/26 07:06	03/18/26 12:00	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*87.2*		*30 - 110*	*02/24/26 07:06*	*03/18/26 12:00*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	1.13		0.457	0.469	1.00	0.597	pCi/L	02/24/26 07:08	03/11/26 11:48	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*87.2*		*30 - 110*	*02/24/26 07:08*	*03/11/26 11:48*	*1*
Y Carrier	*75.5*		*30 - 110*	*02/24/26 07:08*	*03/11/26 11:48*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	1.37		0.469	0.481	5.00	0.597	pCi/L		03/19/26 14:30	1

Client Sample ID: WAN-WGWC-30

Lab Sample ID: 705-57340-4
Date Collected: 02/10/26 10:50
Matrix: Water
Date Received: 02/11/26 15:30

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0749	U	0.0763	0.0766	1.00	0.119	pCi/L	02/24/26 07:06	03/18/26 12:01	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*76.6*		*30 - 110*	*02/24/26 07:06*	*03/18/26 12:01*	*1*

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley Ash Pond Quarterly 3

Job ID: 705-57340-2

Client Sample ID: WAN-WGWC-30

Lab Sample ID: 705-57340-4

Date Collected: 02/10/26 10:50
Matrix: Water
Date Received: 02/11/26 15:30

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.469	U	0.441	0.443	1.00	0.705	pCi/L	02/24/26 07:08	03/11/26 11:49	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*76.6*		*30 - 110*	*02/24/26 07:08*	*03/11/26 11:49*	*1*
Y Carrier	*78.1*		*30 - 110*	*02/24/26 07:08*	*03/11/26 11:49*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.544	U	0.448	0.450	5.00	0.705	pCi/L		03/19/26 14:30	1

Client Sample ID: WAN-AP1-FD-09

Lab Sample ID: 705-57340-5

Date Collected: 02/10/26 00:00
Matrix: Water
Date Received: 02/11/26 15:30

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0759	U	0.0941	0.0943	1.00	0.156	pCi/L	02/24/26 07:06	03/18/26 12:01	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*86.9*		*30 - 110*	*02/24/26 07:06*	*03/18/26 12:01*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.283	U	0.354	0.355	1.00	0.588	pCi/L	02/24/26 07:08	03/11/26 11:49	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*86.9*		*30 - 110*	*02/24/26 07:08*	*03/11/26 11:49*	*1*
Y Carrier	*75.1*		*30 - 110*	*02/24/26 07:08*	*03/11/26 11:49*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.359	U	0.366	0.367	5.00	0.588	pCi/L		03/19/26 14:30	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley Ash Pond Quarterly 3

Job ID: 705-57340-2

Client Sample ID: WAN-WGWC-31D

Lab Sample ID: 705-57340-6
Matrix: Water

Date Collected: 02/10/26 10:58
Date Received: 02/11/26 15:30

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.128	U	0.112	0.112	1.00	0.171	pCi/L	02/24/26 07:06	03/18/26 12:01	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*69.2*		*30 - 110*	*02/24/26 07:06*	*03/18/26 12:01*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.566	U	0.437	0.440	1.00	0.665	pCi/L	02/24/26 07:08	03/11/26 11:49	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*69.2*		*30 - 110*	*02/24/26 07:08*	*03/11/26 11:49*	*1*
Y Carrier	*77.8*		*30 - 110*	*02/24/26 07:08*	*03/11/26 11:49*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	**0.693**		0.451	0.454	5.00	0.665	pCi/L		03/19/26 14:30	1

Client Sample ID: WAN-AP1-EB-09

Lab Sample ID: 705-57340-7
Matrix: Water

Date Collected: 02/10/26 10:20
Date Received: 02/11/26 15:30

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0992	U	0.0787	0.0792	1.00	0.113	pCi/L	02/24/26 07:06	03/18/26 12:02	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*82.3*		*30 - 110*	*02/24/26 07:06*	*03/18/26 12:02*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.0817	U	0.396	0.396	1.00	0.711	pCi/L	02/24/26 07:08	03/11/26 11:49	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*82.3*		*30 - 110*	*02/24/26 07:08*	*03/11/26 11:49*	*1*
Y Carrier	*77.4*		*30 - 110*	*02/24/26 07:08*	*03/11/26 11:49*	*1*

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley Ash Pond Quarterly 3

Job ID: 705-57340-2

Client Sample ID: WAN-AP1-EB-09

Lab Sample ID: 705-57340-7
Date Collected: 02/10/26 10:20
Matrix: Water
Date Received: 02/11/26 15:30

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.181	U	0.404	0.404	5.00	0.711	pCi/L		03/19/26 14:30	1

Client Sample ID: WAN-WGWC-36D

Lab Sample ID: 705-57340-8
Date Collected: 02/10/26 12:35
Matrix: Water
Date Received: 02/11/26 15:30

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0618	U	0.0726	0.0728	1.00	0.118	pCi/L	02/24/26 07:06	03/18/26 12:02	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*75.8*		*30 - 110*	*02/24/26 07:06*	*03/18/26 12:02*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.232	U	0.368	0.368	1.00	0.627	pCi/L	02/24/26 07:08	03/11/26 11:49	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*75.8*		*30 - 110*	*02/24/26 07:08*	*03/11/26 11:49*	*1*
Y Carrier	*75.9*		*30 - 110*	*02/24/26 07:08*	*03/11/26 11:49*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.294	U	0.375	0.375	5.00	0.627	pCi/L		03/19/26 14:30	1

Client Sample ID: WAN-WGWC-37S

Lab Sample ID: 705-57340-9
Date Collected: 02/10/26 14:00
Matrix: Water
Date Received: 02/11/26 15:30

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**3.13**		0.316	0.424	1.00	0.0995	pCi/L	02/24/26 07:06	03/18/26 12:02	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*88.3*		*30 - 110*	*02/24/26 07:06*	*03/18/26 12:02*	*1*

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley Ash Pond Quarterly 3

Job ID: 705-57340-2

Client Sample ID: WAN-WGWC-37S

Lab Sample ID: 705-57340-9

Date Collected: 02/10/26 14:00
Matrix: Water
Date Received: 02/11/26 15:30

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	7.05		0.878	1.09	1.00	0.570	pCi/L	02/24/26 07:08	03/11/26 11:49	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*88.3*		*30 - 110*	*02/24/26 07:08*	*03/11/26 11:49*	*1*
Y Carrier	*74.0*		*30 - 110*	*02/24/26 07:08*	*03/11/26 11:49*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	10.2		0.933	1.17	5.00	0.570	pCi/L		03/19/26 14:30	1

Client Sample ID: WAN-WGWC-39

Lab Sample ID: 705-57340-10

Date Collected: 02/10/26 16:59
Matrix: Water
Date Received: 02/11/26 15:30

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	1.05		0.280	0.295	1.00	0.234	pCi/L	02/24/26 07:06	03/18/26 12:05	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*90.3*		*30 - 110*	*02/24/26 07:06*	*03/18/26 12:05*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	2.35	G	1.00	1.02	1.00	1.38	pCi/L	02/24/26 07:08	03/11/26 11:49	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*90.3*		*30 - 110*	*02/24/26 07:08*	*03/11/26 11:49*	*1*
Y Carrier	*75.9*		*30 - 110*	*02/24/26 07:08*	*03/11/26 11:49*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	3.40		1.04	1.06	5.00	1.38	pCi/L		03/19/26 14:30	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley Ash Pond Quarterly 3

Job ID: 705-57340-2

Client Sample ID: WAN-AP1-FB-15

Lab Sample ID: 705-57340-11

Date Collected: 02/10/26 15:30
Matrix: Water
Date Received: 02/11/26 15:30

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0105	U	0.0577	0.0577	1.00	0.116	pCi/L	02/24/26 07:06	03/18/26 12:05	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*78.3*		*30 - 110*	*02/24/26 07:06*	*03/18/26 12:05*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.673	U	0.526	0.530	1.00	0.821	pCi/L	02/24/26 07:08	03/11/26 11:42	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*78.3*		*30 - 110*	*02/24/26 07:08*	*03/11/26 11:42*	*1*
Y Carrier	*76.3*		*30 - 110*	*02/24/26 07:08*	*03/11/26 11:42*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.683	U	0.529	0.533	5.00	0.821	pCi/L		03/19/26 14:30	1

Client Sample ID: WAN-WGWC-40

Lab Sample ID: 705-57432-2

Date Collected: 02/11/26 10:46
Matrix: Water
Date Received: 02/12/26 14:48

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**0.912**		0.182	0.199	1.00	0.0976	pCi/L	02/24/26 07:06	03/18/26 12:05	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*80.9*		*30 - 110*	*02/24/26 07:06*	*03/18/26 12:05*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**2.32**		0.631	0.666	1.00	0.706	pCi/L	02/24/26 07:08	03/11/26 11:42	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*80.9*		*30 - 110*	*02/24/26 07:08*	*03/11/26 11:42*	*1*
Y Carrier	*77.0*		*30 - 110*	*02/24/26 07:08*	*03/11/26 11:42*	*1*

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley Ash Pond Quarterly 3

Job ID: 705-57340-2

Client Sample ID: WAN-WGWC-40

Lab Sample ID: 705-57432-2
Date Collected: 02/11/26 10:46
Matrix: Water
Date Received: 02/12/26 14:48

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	3.24		0.657	0.695	5.00	0.706	pCi/L		03/19/26 14:30	1

Client Sample ID: WAN-WGWC-34D

Lab Sample ID: 705-57432-3
Date Collected: 02/11/26 11:05
Matrix: Water
Date Received: 02/12/26 14:48

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.187		0.105	0.107	1.00	0.135	pCi/L	02/24/26 07:06	03/18/26 12:05	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*78.9*		*30 - 110*	*02/24/26 07:06*	*03/18/26 12:05*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.451	U	0.489	0.491	1.00	0.799	pCi/L	02/24/26 07:08	03/11/26 11:42	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*78.9*		*30 - 110*	*02/24/26 07:08*	*03/11/26 11:42*	*1*
Y Carrier	*77.8*		*30 - 110*	*02/24/26 07:08*	*03/11/26 11:42*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.638	U	0.500	0.503	5.00	0.799	pCi/L		03/19/26 14:30	1

Client Sample ID: WAN-WGWC-32

Lab Sample ID: 705-57432-4
Date Collected: 02/11/26 11:54
Matrix: Water
Date Received: 02/12/26 14:48

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	2.89		0.321	0.413	1.00	0.135	pCi/L	02/24/26 07:06	03/18/26 12:05	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*82.9*		*30 - 110*	*02/24/26 07:06*	*03/18/26 12:05*	*1*

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley Ash Pond Quarterly 3

Job ID: 705-57340-2

Client Sample ID: WAN-WGWC-32

Lab Sample ID: 705-57432-4

Date Collected: 02/11/26 11:54
Date Received: 02/12/26 14:48

Matrix: Water

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	3.36		0.713	0.777	1.00	0.728	pCi/L	02/24/26 07:08	03/11/26 11:42	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*82.9*		*30 - 110*	*02/24/26 07:08*	*03/11/26 11:42*	*1*
Y Carrier	*79.3*		*30 - 110*	*02/24/26 07:08*	*03/11/26 11:42*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	6.25		0.782	0.880	5.00	0.728	pCi/L		03/19/26 14:30	1

Client Sample ID: WAN-WGWC-35D

Lab Sample ID: 705-57432-5

Date Collected: 02/11/26 12:20
Date Received: 02/12/26 14:48

Matrix: Water

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.303		0.123	0.126	1.00	0.128	pCi/L	02/24/26 07:06	03/18/26 12:05	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*72.6*		*30 - 110*	*02/24/26 07:06*	*03/18/26 12:05*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.279	U	0.422	0.423	1.00	0.716	pCi/L	02/24/26 07:08	03/11/26 11:42	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*72.6*		*30 - 110*	*02/24/26 07:08*	*03/11/26 11:42*	*1*
Y Carrier	*83.7*		*30 - 110*	*02/24/26 07:08*	*03/11/26 11:42*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.582	U	0.440	0.441	5.00	0.716	pCi/L		03/19/26 14:30	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley Ash Pond Quarterly 3

Job ID: 705-57340-2

Client Sample ID: WAN-WGWC-33

Lab Sample ID: 705-57432-6
Matrix: Water

Date Collected: 02/11/26 13:17
Date Received: 02/12/26 14:48

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	4.41		0.383	0.552	1.00	0.102	pCi/L	02/24/26 07:06	03/18/26 12:05	1

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	88.3		30 - 110	02/24/26 07:06	03/18/26 12:05	1

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	15.6		1.29	1.93	1.00	0.613	pCi/L	02/24/26 07:08	03/11/26 11:43	1

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	88.3		30 - 110	02/24/26 07:08	03/11/26 11:43	1
Y Carrier	78.1		30 - 110	02/24/26 07:08	03/11/26 11:43	1

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	20.0		1.35	2.01	5.00	0.613	pCi/L		03/19/26 14:30	1

Client Sample ID: WAN-AP1-FD-10

Lab Sample ID: 705-57432-7
Matrix: Water

Date Collected: 02/11/26 00:00
Date Received: 02/12/26 14:48

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	2.87		0.319	0.411	1.00	0.153	pCi/L	02/24/26 07:10	03/18/26 07:58	1

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	88.0		30 - 110	02/24/26 07:10	03/18/26 07:58	1

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	2.85		0.641	0.693	1.00	0.689	pCi/L	02/24/26 07:13	03/10/26 11:36	1

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	88.0		30 - 110	02/24/26 07:13	03/10/26 11:36	1
Y Carrier	81.1		30 - 110	02/24/26 07:13	03/10/26 11:36	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley Ash Pond Quarterly 3

Job ID: 705-57340-2

Client Sample ID: WAN-AP1-FD-10

Lab Sample ID: 705-57432-7

Date Collected: 02/11/26 00:00
Date Received: 02/12/26 14:48

Matrix: Water

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	5.72		0.716	0.806	5.00	0.689	pCi/L		03/18/26 15:23	1

Client Sample ID: WAN-WGWC-36S

Lab Sample ID: 705-57432-8

Date Collected: 02/11/26 15:40
Date Received: 02/12/26 14:48

Matrix: Water

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.163		0.0929	0.0940	1.00	0.117	pCi/L	02/24/26 07:10	03/18/26 10:07	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*79.2*		*30 - 110*	*02/24/26 07:10*	*03/18/26 10:07*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.269	U	0.456	0.456	1.00	0.776	pCi/L	02/24/26 07:13	03/10/26 11:36	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*79.2*		*30 - 110*	*02/24/26 07:13*	*03/10/26 11:36*	*1*
Y Carrier	*79.3*		*30 - 110*	*02/24/26 07:13*	*03/10/26 11:36*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.432	U	0.465	0.466	5.00	0.776	pCi/L		03/18/26 15:23	1

Client Sample ID: WAN-AP1-FB-16

Lab Sample ID: 705-57432-9

Date Collected: 02/11/26 15:00
Date Received: 02/12/26 14:48

Matrix: Water

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0633	U	0.0768	0.0770	1.00	0.126	pCi/L	02/24/26 07:10	03/18/26 10:07	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*82.1*		*30 - 110*	*02/24/26 07:10*	*03/18/26 10:07*	*1*

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley Ash Pond Quarterly 3

Job ID: 705-57340-2

Client Sample ID: WAN-AP1-FB-16

Lab Sample ID: 705-57432-9

Date Collected: 02/11/26 15:00
Matrix: Water
Date Received: 02/12/26 14:48

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.478	U	0.436	0.438	1.00	0.696	pCi/L	02/24/26 07:13	03/10/26 11:36	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*82.1*		*30 - 110*	*02/24/26 07:13*	*03/10/26 11:36*	*1*
Y Carrier	*84.1*		*30 - 110*	*02/24/26 07:13*	*03/10/26 11:36*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.541	U	0.443	0.445	5.00	0.696	pCi/L		03/18/26 15:23	1

Client Sample ID: WAN-WGWC-35S

Lab Sample ID: 705-57432-10

Date Collected: 02/12/26 10:55
Matrix: Water
Date Received: 02/12/26 14:48

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0502	U	0.0907	0.0909	1.00	0.159	pCi/L	02/24/26 07:10	03/18/26 10:07	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*75.8*		*30 - 110*	*02/24/26 07:10*	*03/18/26 10:07*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.172	U	0.458	0.459	1.00	0.806	pCi/L	02/24/26 07:13	03/10/26 11:36	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*75.8*		*30 - 110*	*02/24/26 07:13*	*03/10/26 11:36*	*1*
Y Carrier	*75.9*		*30 - 110*	*02/24/26 07:13*	*03/10/26 11:36*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.222	U	0.467	0.468	5.00	0.806	pCi/L		03/18/26 15:23	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley Ash Pond Quarterly 3

Job ID: 705-57340-2

Client Sample ID: WAN-WGWC-38D

Lab Sample ID: 705-57432-11

Date Collected: 02/12/26 11:03
Matrix: Water
Date Received: 02/12/26 14:48

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	1.05		0.198	0.219	1.00	0.141	pCi/L	02/24/26 07:10	03/18/26 10:07	1

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	85.2		30 - 110	02/24/26 07:10	03/18/26 10:07	1

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	11.9		1.17	1.61	1.00	0.724	pCi/L	02/24/26 07:13	03/10/26 11:36	1

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	85.2		30 - 110	02/24/26 07:13	03/10/26 11:36	1
Y Carrier	77.4		30 - 110	02/24/26 07:13	03/10/26 11:36	1

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	13.0		1.19	1.62	5.00	0.724	pCi/L		03/18/26 15:23	1

Client Sample ID: WAN-WGWC-38S

Lab Sample ID: 705-57432-12

Date Collected: 02/12/26 11:36
Matrix: Water
Date Received: 02/12/26 14:48

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.824		0.190	0.204	1.00	0.142	pCi/L	02/24/26 07:10	03/18/26 10:07	1

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	70.7		30 - 110	02/24/26 07:10	03/18/26 10:07	1

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	1.48	G	0.746	0.758	1.00	1.08	pCi/L	02/24/26 07:13	03/10/26 11:36	1

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	70.7		30 - 110	02/24/26 07:13	03/10/26 11:36	1
Y Carrier	71.8		30 - 110	02/24/26 07:13	03/10/26 11:36	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley Ash Pond Quarterly 3

Job ID: 705-57340-2

Client Sample ID: WAN-WGWC-38S

Lab Sample ID: 705-57432-12

Date Collected: 02/12/26 11:36
Date Received: 02/12/26 14:48

Matrix: Water

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	2.31		0.770	0.785	5.00	1.08	pCi/L		03/18/26 15:23	1

Client Sample ID: WAN-AP1-EB-10

Lab Sample ID: 705-57432-13

Date Collected: 02/12/26 11:40
Date Received: 02/12/26 14:48

Matrix: Water

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.0460	U	0.0743	0.0745	1.00	0.166	pCi/L	02/24/26 07:10	03/18/26 10:07	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*75.2*		*30 - 110*	*02/24/26 07:10*	*03/18/26 10:07*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.186	U	0.419	0.420	1.00	0.731	pCi/L	02/24/26 07:13	03/10/26 11:36	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*75.2*		*30 - 110*	*02/24/26 07:13*	*03/10/26 11:36*	*1*
Y Carrier	*85.2*		*30 - 110*	*02/24/26 07:13*	*03/10/26 11:36*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.140	U	0.426	0.427	5.00	0.731	pCi/L		03/18/26 15:23	1

Tracer/Carrier Summary

Client: Southern Company
Project/Site: Plant Wansley Ash Pond Quarterly 3

Job ID: 705-57340-2

Method: 9315 - Radium-226 (GFPC)

Matrix: Water **Prep Type: Total/NA**

		Percent Yield (Acceptance Limits)						
Lab Sample ID	Client Sample ID	Ba (30-110)						
705-57300-F-17-A DU	Duplicate	89.7						
705-57340-1	WAN-WGWC-34S	38.5						
705-57340-2	WAN-WGWC-31S	82.6						
705-57340-3	WAN-WGWC-37D	87.2						
705-57340-4	WAN-WGWC-30	76.6						
705-57340-5	WAN-AP1-FD-09	86.9						
705-57340-6	WAN-WGWC-31D	69.2						
705-57340-7	WAN-AP1-EB-09	82.3						
705-57340-8	WAN-WGWC-36D	75.8						
705-57340-9	WAN-WGWC-37S	88.3						
705-57340-10	WAN-WGWC-39	90.3						
705-57340-11	WAN-AP1-FB-15	78.3						
705-57432-2	WAN-WGWC-40	80.9						
705-57432-3	WAN-WGWC-34D	78.9						
705-57432-4	WAN-WGWC-32	82.9						
705-57432-5	WAN-WGWC-35D	72.6						
705-57432-6	WAN-WGWC-33	88.3						
705-57432-7	WAN-AP1-FD-10	88.0						
705-57432-8	WAN-WGWC-36S	79.2						
705-57432-9	WAN-AP1-FB-16	82.1						
705-57432-9 DU	WAN-AP1-FB-16	81.5						
705-57432-10	WAN-WGWC-35S	75.8						
705-57432-11	WAN-WGWC-38D	85.2						
705-57432-12	WAN-WGWC-38S	70.7						
705-57432-13	WAN-AP1-EB-10	75.2						
LCS 160-758534/2-A	Lab Control Sample	85.8						
LCS 160-758536/2-A	Lab Control Sample	81.2						
MB 160-758534/1-A	Method Blank	90.6						
MB 160-758536/1-A	Method Blank	88.9						

Tracer/Carrier Legend

Ba = Ba Carrier

Method: 9320 - Radium-228 (GFPC)

Matrix: Water **Prep Type: Total/NA**

		Percent Yield (Acceptance Limits)						
Lab Sample ID	Client Sample ID	Ba (30-110)	Y (30-110)					
705-57300-F-17-B DU	Duplicate	89.7	76.6					
705-57340-1	WAN-WGWC-34S	38.5	80.7					
705-57340-2	WAN-WGWC-31S	82.6	78.5					
705-57340-3	WAN-WGWC-37D	87.2	75.5					
705-57340-4	WAN-WGWC-30	76.6	78.1					
705-57340-5	WAN-AP1-FD-09	86.9	75.1					
705-57340-6	WAN-WGWC-31D	69.2	77.8					
705-57340-7	WAN-AP1-EB-09	82.3	77.4					
705-57340-8	WAN-WGWC-36D	75.8	75.9					
705-57340-9	WAN-WGWC-37S	88.3	74.0					
705-57340-10	WAN-WGWC-39	90.3	75.9					

Tracer/Carrier Summary

Client: Southern Company
Job ID: 705-57340-2
Project/Site: Plant Wansley Ash Pond Quarterly 3

Method: 9320 - Radium-228 (GFPC) (Continued)

Matrix: Water
Prep Type: Total/NA

		Percent Yield (Acceptance Limits)									
		Ba	Y								
Lab Sample ID	Client Sample ID	(30-110)	(30-110)								
705-57340-11	WAN-AP1-FB-15	78.3	76.3								
705-57432-2	WAN-WGWC-40	80.9	77.0								
705-57432-3	WAN-WGWC-34D	78.9	77.8								
705-57432-4	WAN-WGWC-32	82.9	79.3								
705-57432-5	WAN-WGWC-35D	72.6	83.7								
705-57432-6	WAN-WGWC-33	88.3	78.1								
705-57432-7	WAN-AP1-FD-10	88.0	81.1								
705-57432-8	WAN-WGWC-36S	79.2	79.3								
705-57432-9	WAN-AP1-FB-16	82.1	84.1								
705-57432-9 DU	WAN-AP1-FB-16	81.5	84.5								
705-57432-10	WAN-WGWC-35S	75.8	75.9								
705-57432-11	WAN-WGWC-38D	85.2	77.4								
705-57432-12	WAN-WGWC-38S	70.7	71.8								
705-57432-13	WAN-AP1-EB-10	75.2	85.2								
LCS 160-758535/2-A	Lab Control Sample	85.8	82.6								
LCS 160-758538/2-A	Lab Control Sample	81.2	80.4								
MB 160-758535/1-A	Method Blank	90.6	80.4								
MB 160-758538/1-A	Method Blank	88.9	84.9								

Tracer/Carrier Legend

Ba = Ba Carrier

Y = Y Carrier

Method Summary

Client: Southern Company
Project/Site: Plant Wansley Ash Pond Quarterly 3

Job ID: 705-57340-2

Method	Method Description	Protocol	Laboratory
9315	Radium-226 (GFPC)	SW846	EET SL
9320	Radium-228 (GFPC)	SW846	EET SL
Ra226_Ra228	Combined Radium-226 and Radium-228	TAL-STL	EET SL
PrecSep_0	Preparation, Precipitate Separation	None	EET SL
PrecSep-21	Preparation, Precipitate Separation (21-Day In-Growth)	None	EET SL

Protocol References:

None = None

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

TAL-STL = TestAmerica Laboratories, St. Louis, Facility Standard Operating Procedure.

Laboratory References:

EET SL = Eurofins St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566

QC Sample Results

Client: Southern Company
Project/Site: Plant Wansley Ash Pond Quarterly 3

Job ID: 705-57340-2

Method: 9315 - Radium-226 (GFPC)

Lab Sample ID: MB 160-758534/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 761949 — **Prep Batch: 758534**

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.02991	U	0.0694	0.0694	1.00	0.126	pCi/L	02/24/26 07:06	03/18/26 10:01	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*90.6*		*30 - 110*	*02/24/26 07:06*	*03/18/26 10:01*	*1*

Lab Sample ID: LCS 160-758534/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 761949 — **Prep Batch: 758534**

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-226			9.57	8.584		0.941	1.00	0.128	pCi/L	90	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*85.8*		*30 - 110*

Lab Sample ID: 705-57300-F-17-A DU — **Client Sample ID: Duplicate**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 761949 — **Prep Batch: 758534**

Analyte	Sample Result	Sample Qual		DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit			RER	RER Limit
Radium-226	0.0191	U		0.2359	F	0.113	1.00	0.138	pCi/L			1.10	1

Carrier	*DU %Yield*	*DU Qualifier*	*Limits*
Ba Carrier	*89.7*		*30 - 110*

Lab Sample ID: MB 160-758536/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 761973 — **Prep Batch: 758536**

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.01011	U	0.0591	0.0591	1.00	0.125	pCi/L	02/24/26 07:10	03/18/26 07:57	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*88.9*		*30 - 110*	*02/24/26 07:10*	*03/18/26 07:57*	*1*

Lab Sample ID: LCS 160-758536/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 761973 — **Prep Batch: 758536**

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-226			9.57	10.50		1.12	1.00	0.164	pCi/L	110	75 - 125		

Method: 9315 - Radium-226 (GFPC) (Continued)

Lab Sample ID: LCS 160-758536/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 761973 — **Prep Batch: 758536**

Carrier	LCS %Yield	LCS Qualifier	Limits
Ba Carrier	81.2		30 - 110

Lab Sample ID: 705-57432-9 DU — **Client Sample ID: WAN-AP1-FB-16**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 761973 — **Prep Batch: 758536**

Analyte	Sample Result	Sample Qual		DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit			RER	RER Limit
Radium-226	0.0633	U		0.04600	U	0.0776	1.00	0.135	pCi/L			0.11	1

Carrier	DU %Yield	DU Qualifier	Limits
Ba Carrier	81.5		30 - 110

Method: 9320 - Radium-228 (GFPC)

Lab Sample ID: MB 160-758535/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 760964 — **Prep Batch: 758535**

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.4877	U	0.336	0.339	1.00	0.501	pCi/L	02/24/26 07:08	03/11/26 11:47	1

Carrier	MB %Yield	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	90.6		30 - 110	02/24/26 07:08	03/11/26 11:47	1
Y Carrier	80.4		30 - 110	02/24/26 07:08	03/11/26 11:47	1

Lab Sample ID: LCS 160-758535/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 760964 — **Prep Batch: 758535**

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-228			9.35	10.83		1.43	1.00	0.577	pCi/L	116	75 - 125		

Carrier	LCS %Yield	LCS Qualifier	Limits
Ba Carrier	85.8		30 - 110
Y Carrier	82.6		30 - 110

Lab Sample ID: 705-57300-F-17-B DU — **Client Sample ID: Duplicate**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 760964 — **Prep Batch: 758535**

Analyte	Sample Result	Sample Qual		DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit			RER	RER Limit
Radium-228	0.823			0.7510		0.411	1.00	0.576	pCi/L			0.09	1

Method: 9320 - Radium-228 (GFPC) (Continued)

Lab Sample ID: 705-57300-F-17-B DU
Matrix: Water
Analysis Batch: 760964

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 758535

Carrier	DU %Yield	DU Qualifier	Limits
Ba Carrier	89.7		30 - 110
Y Carrier	76.6		30 - 110

Lab Sample ID: MB 160-758538/1-A
Matrix: Water
Analysis Batch: 760744

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 758538

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.5992	U	0.423	0.427	1.00	0.649	pCi/L	02/24/26 07:13	03/10/26 11:35	1

Carrier	MB %Yield	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	88.9		30 - 110	02/24/26 07:13	03/10/26 11:35	1
Y Carrier	84.9		30 - 110	02/24/26 07:13	03/10/26 11:35	1

Lab Sample ID: LCS 160-758538/2-A
Matrix: Water
Analysis Batch: 760744

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 758538

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-228			9.35	11.26		1.55	1.00	0.723	pCi/L	120	75 - 125		

Carrier	LCS %Yield	LCS Qualifier	Limits
Ba Carrier	81.2		30 - 110
Y Carrier	80.4		30 - 110

Lab Sample ID: 705-57432-9 DU
Matrix: Water
Analysis Batch: 760744

Client Sample ID: WAN-AP1-FB-16
Prep Type: Total/NA
Prep Batch: 758538

Analyte	Sample Result	Sample Qual		DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit			RER	RER Limit
Radium-228	0.478	U		0.1981	U	0.381	1.00	0.656	pCi/L			0.34	1

Carrier	DU %Yield	DU Qualifier	Limits
Ba Carrier	81.5		30 - 110
Y Carrier	84.5		30 - 110

QC Association Summary

Client: Southern Company
Project/Site: Plant Wansley Ash Pond Quarterly 3

Job ID: 705-57340-2

Rad

Prep Batch: 758534

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-57340-1	WAN-WGWC-34S	Total/NA	Water	PrecSep-21	
705-57340-2	WAN-WGWC-31S	Total/NA	Water	PrecSep-21	
705-57340-3	WAN-WGWC-37D	Total/NA	Water	PrecSep-21	
705-57340-4	WAN-WGWC-30	Total/NA	Water	PrecSep-21	
705-57340-5	WAN-AP1-FD-09	Total/NA	Water	PrecSep-21	
705-57340-6	WAN-WGWC-31D	Total/NA	Water	PrecSep-21	
705-57340-7	WAN-AP1-EB-09	Total/NA	Water	PrecSep-21	
705-57340-8	WAN-WGWC-36D	Total/NA	Water	PrecSep-21	
705-57340-9	WAN-WGWC-37S	Total/NA	Water	PrecSep-21	
705-57340-10	WAN-WGWC-39	Total/NA	Water	PrecSep-21	
705-57340-11	WAN-AP1-FB-15	Total/NA	Water	PrecSep-21	
705-57432-2	WAN-WGWC-40	Total/NA	Water	PrecSep-21	
705-57432-3	WAN-WGWC-34D	Total/NA	Water	PrecSep-21	
705-57432-4	WAN-WGWC-32	Total/NA	Water	PrecSep-21	
705-57432-5	WAN-WGWC-35D	Total/NA	Water	PrecSep-21	
705-57432-6	WAN-WGWC-33	Total/NA	Water	PrecSep-21	
MB 160-758534/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-758534/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	
705-57300-F-17-A DU	Duplicate	Total/NA	Water	PrecSep-21	

Prep Batch: 758535

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-57340-1	WAN-WGWC-34S	Total/NA	Water	PrecSep_0	
705-57340-2	WAN-WGWC-31S	Total/NA	Water	PrecSep_0	
705-57340-3	WAN-WGWC-37D	Total/NA	Water	PrecSep_0	
705-57340-4	WAN-WGWC-30	Total/NA	Water	PrecSep_0	
705-57340-5	WAN-AP1-FD-09	Total/NA	Water	PrecSep_0	
705-57340-6	WAN-WGWC-31D	Total/NA	Water	PrecSep_0	
705-57340-7	WAN-AP1-EB-09	Total/NA	Water	PrecSep_0	
705-57340-8	WAN-WGWC-36D	Total/NA	Water	PrecSep_0	
705-57340-9	WAN-WGWC-37S	Total/NA	Water	PrecSep_0	
705-57340-10	WAN-WGWC-39	Total/NA	Water	PrecSep_0	
705-57340-11	WAN-AP1-FB-15	Total/NA	Water	PrecSep_0	
705-57432-2	WAN-WGWC-40	Total/NA	Water	PrecSep_0	
705-57432-3	WAN-WGWC-34D	Total/NA	Water	PrecSep_0	
705-57432-4	WAN-WGWC-32	Total/NA	Water	PrecSep_0	
705-57432-5	WAN-WGWC-35D	Total/NA	Water	PrecSep_0	
705-57432-6	WAN-WGWC-33	Total/NA	Water	PrecSep_0	
MB 160-758535/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-758535/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	
705-57300-F-17-B DU	Duplicate	Total/NA	Water	PrecSep_0	

Prep Batch: 758536

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-57432-7	WAN-AP1-FD-10	Total/NA	Water	PrecSep-21	
705-57432-8	WAN-WGWC-36S	Total/NA	Water	PrecSep-21	
705-57432-9	WAN-AP1-FB-16	Total/NA	Water	PrecSep-21	
705-57432-10	WAN-WGWC-35S	Total/NA	Water	PrecSep-21	
705-57432-11	WAN-WGWC-38D	Total/NA	Water	PrecSep-21	
705-57432-12	WAN-WGWC-38S	Total/NA	Water	PrecSep-21	
705-57432-13	WAN-AP1-EB-10	Total/NA	Water	PrecSep-21	

Rad (Continued)

Prep Batch: 758536 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 160-758536/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-758536/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	
705-57432-9 DU	WAN-AP1-FB-16	Total/NA	Water	PrecSep-21	

Prep Batch: 758538

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-57432-7	WAN-AP1-FD-10	Total/NA	Water	PrecSep_0	
705-57432-8	WAN-WGWC-36S	Total/NA	Water	PrecSep_0	
705-57432-9	WAN-AP1-FB-16	Total/NA	Water	PrecSep_0	
705-57432-10	WAN-WGWC-35S	Total/NA	Water	PrecSep_0	
705-57432-11	WAN-WGWC-38D	Total/NA	Water	PrecSep_0	
705-57432-12	WAN-WGWC-38S	Total/NA	Water	PrecSep_0	
705-57432-13	WAN-AP1-EB-10	Total/NA	Water	PrecSep_0	
MB 160-758538/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-758538/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	
705-57432-9 DU	WAN-AP1-FB-16	Total/NA	Water	PrecSep_0	

Lab Chronicle

Client: Southern Company
Project/Site: Plant Wansley Ash Pond Quarterly 3

Job ID: 705-57340-2

Client Sample ID: WAN-WGWC-34S

Lab Sample ID: 705-57340-1
Date Collected: 02/09/26 14:50
Matrix: Water
Date Received: 02/11/26 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			758534	AMS	EET SL	02/24/26 07:06
Total/NA	Analysis	9315		1	761949	SWS	EET SL	03/18/26 10:02
Total/NA	Prep	PrecSep_0			758535	AMS	EET SL	02/24/26 07:08
Total/NA	Analysis	9320		1	760964	SWS	EET SL	03/11/26 11:48
Total/NA	Analysis	Ra226_Ra228		1	761994	FLC	EET SL	03/19/26 14:30

Client Sample ID: WAN-WGWC-31S

Lab Sample ID: 705-57340-2
Date Collected: 02/09/26 15:19
Matrix: Water
Date Received: 02/11/26 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			758534	AMS	EET SL	02/24/26 07:06
Total/NA	Analysis	9315		1	761949	SWS	EET SL	03/18/26 12:00
Total/NA	Prep	PrecSep_0			758535	AMS	EET SL	02/24/26 07:08
Total/NA	Analysis	9320		1	760964	SWS	EET SL	03/11/26 11:48
Total/NA	Analysis	Ra226_Ra228		1	761994	FLC	EET SL	03/19/26 14:30

Client Sample ID: WAN-WGWC-37D

Lab Sample ID: 705-57340-3
Date Collected: 02/09/26 16:25
Matrix: Water
Date Received: 02/11/26 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			758534	AMS	EET SL	02/24/26 07:06
Total/NA	Analysis	9315		1	761949	SWS	EET SL	03/18/26 12:00
Total/NA	Prep	PrecSep_0			758535	AMS	EET SL	02/24/26 07:08
Total/NA	Analysis	9320		1	760964	SWS	EET SL	03/11/26 11:48
Total/NA	Analysis	Ra226_Ra228		1	761994	FLC	EET SL	03/19/26 14:30

Client Sample ID: WAN-WGWC-30

Lab Sample ID: 705-57340-4
Date Collected: 02/10/26 10:50
Matrix: Water
Date Received: 02/11/26 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			758534	AMS	EET SL	02/24/26 07:06
Total/NA	Analysis	9315		1	761949	SWS	EET SL	03/18/26 12:01
Total/NA	Prep	PrecSep_0			758535	AMS	EET SL	02/24/26 07:08
Total/NA	Analysis	9320		1	760964	SWS	EET SL	03/11/26 11:49
Total/NA	Analysis	Ra226_Ra228		1	761994	FLC	EET SL	03/19/26 14:30

Lab Chronicle

Client: Southern Company
Project/Site: Plant Wansley Ash Pond Quarterly 3

Job ID: 705-57340-2

Client Sample ID: WAN-AP1-FD-09

Lab Sample ID: 705-57340-5
Date Collected: 02/10/26 00:00
Matrix: Water
Date Received: 02/11/26 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			758534	AMS	EET SL	02/24/26 07:06
Total/NA	Analysis	9315		1	761949	SWS	EET SL	03/18/26 12:01
Total/NA	Prep	PrecSep_0			758535	AMS	EET SL	02/24/26 07:08
Total/NA	Analysis	9320		1	760964	SWS	EET SL	03/11/26 11:49
Total/NA	Analysis	Ra226_Ra228		1	761994	FLC	EET SL	03/19/26 14:30

Client Sample ID: WAN-WGWC-31D

Lab Sample ID: 705-57340-6
Date Collected: 02/10/26 10:58
Matrix: Water
Date Received: 02/11/26 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			758534	AMS	EET SL	02/24/26 07:06
Total/NA	Analysis	9315		1	761949	SWS	EET SL	03/18/26 12:01
Total/NA	Prep	PrecSep_0			758535	AMS	EET SL	02/24/26 07:08
Total/NA	Analysis	9320		1	760964	SWS	EET SL	03/11/26 11:49
Total/NA	Analysis	Ra226_Ra228		1	761994	FLC	EET SL	03/19/26 14:30

Client Sample ID: WAN-AP1-EB-09

Lab Sample ID: 705-57340-7
Date Collected: 02/10/26 10:20
Matrix: Water
Date Received: 02/11/26 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			758534	AMS	EET SL	02/24/26 07:06
Total/NA	Analysis	9315		1	761949	SWS	EET SL	03/18/26 12:02
Total/NA	Prep	PrecSep_0			758535	AMS	EET SL	02/24/26 07:08
Total/NA	Analysis	9320		1	760964	SWS	EET SL	03/11/26 11:49
Total/NA	Analysis	Ra226_Ra228		1	761994	FLC	EET SL	03/19/26 14:30

Client Sample ID: WAN-WGWC-36D

Lab Sample ID: 705-57340-8
Date Collected: 02/10/26 12:35
Matrix: Water
Date Received: 02/11/26 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			758534	AMS	EET SL	02/24/26 07:06
Total/NA	Analysis	9315		1	761949	SWS	EET SL	03/18/26 12:02
Total/NA	Prep	PrecSep_0			758535	AMS	EET SL	02/24/26 07:08
Total/NA	Analysis	9320		1	760964	SWS	EET SL	03/11/26 11:49
Total/NA	Analysis	Ra226_Ra228		1	761994	FLC	EET SL	03/19/26 14:30

Lab Chronicle

Client: Southern Company
Project/Site: Plant Wansley Ash Pond Quarterly 3

Job ID: 705-57340-2

Client Sample ID: WAN-WGWC-37S

Lab Sample ID: 705-57340-9
Matrix: Water
Date Collected: 02/10/26 14:00
Date Received: 02/11/26 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			758534	AMS	EET SL	02/24/26 07:06
Total/NA	Analysis	9315		1	761949	SWS	EET SL	03/18/26 12:02
Total/NA	Prep	PrecSep_0			758535	AMS	EET SL	02/24/26 07:08
Total/NA	Analysis	9320		1	760964	SWS	EET SL	03/11/26 11:49
Total/NA	Analysis	Ra226_Ra228		1	761994	FLC	EET SL	03/19/26 14:30

Client Sample ID: WAN-WGWC-39

Lab Sample ID: 705-57340-10
Matrix: Water
Date Collected: 02/10/26 16:59
Date Received: 02/11/26 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			758534	AMS	EET SL	02/24/26 07:06
Total/NA	Analysis	9315		1	761949	SWS	EET SL	03/18/26 12:05
Total/NA	Prep	PrecSep_0			758535	AMS	EET SL	02/24/26 07:08
Total/NA	Analysis	9320		1	760964	SWS	EET SL	03/11/26 11:49
Total/NA	Analysis	Ra226_Ra228		1	761994	FLC	EET SL	03/19/26 14:30

Client Sample ID: WAN-AP1-FB-15

Lab Sample ID: 705-57340-11
Matrix: Water
Date Collected: 02/10/26 15:30
Date Received: 02/11/26 15:30

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			758534	AMS	EET SL	02/24/26 07:06
Total/NA	Analysis	9315		1	761949	SWS	EET SL	03/18/26 12:05
Total/NA	Prep	PrecSep_0			758535	AMS	EET SL	02/24/26 07:08
Total/NA	Analysis	9320		1	760960	SWS	EET SL	03/11/26 11:42
Total/NA	Analysis	Ra226_Ra228		1	761994	FLC	EET SL	03/19/26 14:30

Client Sample ID: WAN-WGWC-40

Lab Sample ID: 705-57432-2
Matrix: Water
Date Collected: 02/11/26 10:46
Date Received: 02/12/26 14:48

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			758534	AMS	EET SL	02/24/26 07:06
Total/NA	Analysis	9315		1	761949	SWS	EET SL	03/18/26 12:05
Total/NA	Prep	PrecSep_0			758535	AMS	EET SL	02/24/26 07:08
Total/NA	Analysis	9320		1	760960	SWS	EET SL	03/11/26 11:42
Total/NA	Analysis	Ra226_Ra228		1	761994	FLC	EET SL	03/19/26 14:30

Lab Chronicle

Client: Southern Company
Project/Site: Plant Wansley Ash Pond Quarterly 3

Job ID: 705-57340-2

Client Sample ID: WAN-WGWC-34D

Lab Sample ID: 705-57432-3
Date Collected: 02/11/26 11:05
Matrix: Water
Date Received: 02/12/26 14:48

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			758534	AMS	EET SL	02/24/26 07:06
Total/NA	Analysis	9315		1	761949	SWS	EET SL	03/18/26 12:05
Total/NA	Prep	PrecSep_0			758535	AMS	EET SL	02/24/26 07:08
Total/NA	Analysis	9320		1	760960	SWS	EET SL	03/11/26 11:42
Total/NA	Analysis	Ra226_Ra228		1	761994	FLC	EET SL	03/19/26 14:30

Client Sample ID: WAN-WGWC-32

Lab Sample ID: 705-57432-4
Date Collected: 02/11/26 11:54
Matrix: Water
Date Received: 02/12/26 14:48

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			758534	AMS	EET SL	02/24/26 07:06
Total/NA	Analysis	9315		1	761949	SWS	EET SL	03/18/26 12:05
Total/NA	Prep	PrecSep_0			758535	AMS	EET SL	02/24/26 07:08
Total/NA	Analysis	9320		1	760960	SWS	EET SL	03/11/26 11:42
Total/NA	Analysis	Ra226_Ra228		1	761994	FLC	EET SL	03/19/26 14:30

Client Sample ID: WAN-WGWC-35D

Lab Sample ID: 705-57432-5
Date Collected: 02/11/26 12:20
Matrix: Water
Date Received: 02/12/26 14:48

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			758534	AMS	EET SL	02/24/26 07:06
Total/NA	Analysis	9315		1	761949	SWS	EET SL	03/18/26 12:05
Total/NA	Prep	PrecSep_0			758535	AMS	EET SL	02/24/26 07:08
Total/NA	Analysis	9320		1	760960	SWS	EET SL	03/11/26 11:42
Total/NA	Analysis	Ra226_Ra228		1	761994	FLC	EET SL	03/19/26 14:30

Client Sample ID: WAN-WGWC-33

Lab Sample ID: 705-57432-6
Date Collected: 02/11/26 13:17
Matrix: Water
Date Received: 02/12/26 14:48

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			758534	AMS	EET SL	02/24/26 07:06
Total/NA	Analysis	9315		1	761949	SWS	EET SL	03/18/26 12:05
Total/NA	Prep	PrecSep_0			758535	AMS	EET SL	02/24/26 07:08
Total/NA	Analysis	9320		1	760960	SWS	EET SL	03/11/26 11:43
Total/NA	Analysis	Ra226_Ra228		1	761994	FLC	EET SL	03/19/26 14:30

Lab Chronicle

Client: Southern Company
Project/Site: Plant Wansley Ash Pond Quarterly 3

Job ID: 705-57340-2

Client Sample ID: WAN-AP1-FD-10

Lab Sample ID: 705-57432-7
Date Collected: 02/11/26 00:00
Matrix: Water
Date Received: 02/12/26 14:48

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			758536	AMS	EET SL	02/24/26 07:10
Total/NA	Analysis	9315		1	761973	SWS	EET SL	03/18/26 07:58
Total/NA	Prep	PrecSep_0			758538	AMS	EET SL	02/24/26 07:13
Total/NA	Analysis	9320		1	760744	SWS	EET SL	03/10/26 11:36
Total/NA	Analysis	Ra226_Ra228		1	761994	FLC	EET SL	03/18/26 15:23

Client Sample ID: WAN-WGWC-36S

Lab Sample ID: 705-57432-8
Date Collected: 02/11/26 15:40
Matrix: Water
Date Received: 02/12/26 14:48

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			758536	AMS	EET SL	02/24/26 07:10
Total/NA	Analysis	9315		1	761973	SWS	EET SL	03/18/26 10:07
Total/NA	Prep	PrecSep_0			758538	AMS	EET SL	02/24/26 07:13
Total/NA	Analysis	9320		1	760744	SWS	EET SL	03/10/26 11:36
Total/NA	Analysis	Ra226_Ra228		1	761994	FLC	EET SL	03/18/26 15:23

Client Sample ID: WAN-AP1-FB-16

Lab Sample ID: 705-57432-9
Date Collected: 02/11/26 15:00
Matrix: Water
Date Received: 02/12/26 14:48

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			758536	AMS	EET SL	02/24/26 07:10
Total/NA	Analysis	9315		1	761973	SWS	EET SL	03/18/26 10:07
Total/NA	Prep	PrecSep_0			758538	AMS	EET SL	02/24/26 07:13
Total/NA	Analysis	9320		1	760744	SWS	EET SL	03/10/26 11:36
Total/NA	Analysis	Ra226_Ra228		1	761994	FLC	EET SL	03/18/26 15:23

Client Sample ID: WAN-WGWC-35S

Lab Sample ID: 705-57432-10
Date Collected: 02/12/26 10:55
Matrix: Water
Date Received: 02/12/26 14:48

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			758536	AMS	EET SL	02/24/26 07:10
Total/NA	Analysis	9315		1	761973	SWS	EET SL	03/18/26 10:07
Total/NA	Prep	PrecSep_0			758538	AMS	EET SL	02/24/26 07:13
Total/NA	Analysis	9320		1	760744	SWS	EET SL	03/10/26 11:36
Total/NA	Analysis	Ra226_Ra228		1	761994	FLC	EET SL	03/18/26 15:23

Lab Chronicle

Client: Southern Company
Project/Site: Plant Wansley Ash Pond Quarterly 3

Job ID: 705-57340-2

Client Sample ID: WAN-WGWC-38D

Lab Sample ID: 705-57432-11

Date Collected: 02/12/26 11:03
Date Received: 02/12/26 14:48

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			758536	AMS	EET SL	02/24/26 07:10
Total/NA	Analysis	9315		1	761973	SWS	EET SL	03/18/26 10:07
Total/NA	Prep	PrecSep_0			758538	AMS	EET SL	02/24/26 07:13
Total/NA	Analysis	9320		1	760744	SWS	EET SL	03/10/26 11:36
Total/NA	Analysis	Ra226_Ra228		1	761994	FLC	EET SL	03/18/26 15:23

Client Sample ID: WAN-WGWC-38S

Lab Sample ID: 705-57432-12

Date Collected: 02/12/26 11:36
Date Received: 02/12/26 14:48

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			758536	AMS	EET SL	02/24/26 07:10
Total/NA	Analysis	9315		1	761973	SWS	EET SL	03/18/26 10:07
Total/NA	Prep	PrecSep_0			758538	AMS	EET SL	02/24/26 07:13
Total/NA	Analysis	9320		1	760744	SWS	EET SL	03/10/26 11:36
Total/NA	Analysis	Ra226_Ra228		1	761994	FLC	EET SL	03/18/26 15:23

Client Sample ID: WAN-AP1-EB-10

Lab Sample ID: 705-57432-13

Date Collected: 02/12/26 11:40
Date Received: 02/12/26 14:48

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			758536	AMS	EET SL	02/24/26 07:10
Total/NA	Analysis	9315		1	761973	SWS	EET SL	03/18/26 10:07
Total/NA	Prep	PrecSep_0			758538	AMS	EET SL	02/24/26 07:13
Total/NA	Analysis	9320		1	760744	SWS	EET SL	03/10/26 11:36
Total/NA	Analysis	Ra226_Ra228		1	761994	FLC	EET SL	03/18/26 15:23

Laboratory References:

EET SL = Eurofins St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566

Accreditation/Certification Summary

Client: Southern Company
Job ID: 705-57340-2
Project/Site: Plant Wansley Ash Pond Quarterly 3

Laboratory: Eurofins St. Louis

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

Authority	Program	Identification Number	Expiration Date
Florida	NELAP	E87689	06-30-26

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Robert (Trey) Singleton
Southern Company
3535 Colonnade Parkway
Bin S 530 EC
Birmingham, Alabama 35243

Generated 4/19/2026 8:05:52 PM Revision 1

JOB DESCRIPTION

Plant Wansley - Ash Pond

JOB NUMBER

705-57521-1

Eurofins Atlanta
3080 Presidential Dr
Atlanta GA 30340

See page two for job notes and contact information.

my EOL

Eurofins Atlanta

Job Notes

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

Authorization

Generated
4/19/2026 8:05:52 PM
Revision 1

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

Sample Summary

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-57521-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
705-57521-1	WAN-WGWC-12	Water	02/11/26 11:25	02/12/26 11:48	Georgia (St)
705-57521-2	WAN-WGWC-17	Water	02/11/26 13:41	02/12/26 11:48	Georgia (St)
705-57521-3	WAN-WGWC-19	Water	02/11/26 14:50	02/12/26 11:48	Georgia (St)
705-57521-4	WAN-WGWC-21	Water	02/11/26 16:54	02/12/26 11:48	Georgia (St)
705-57521-5	WAN-WGWC-22	Water	02/11/26 15:30	02/12/26 11:48	Georgia (St)
705-57521-6	WAN-WGWC-23	Water	02/11/26 12:24	02/12/26 11:48	Georgia (St)
705-57521-7	WAN-WGWC-25	Water	02/11/26 13:10	02/12/26 11:48	Georgia (St)
705-57521-8	WAN-WAMW-2	Water	02/11/26 13:16	02/12/26 11:48	Georgia (St)
705-57521-9	WAN-AP1-FD-02	Water	02/11/26 00:00	02/12/26 11:48	Georgia (St)
705-57521-10	WAN-AP1-FD-03	Water	02/11/26 00:00	02/12/26 11:48	Georgia (St)
705-57521-11	WAN-AP1-FB-09	Water	02/11/26 15:10	02/12/26 11:48	Georgia (St)
705-57521-12	WAN-AP1-EB-02	Water	02/11/26 12:15	02/12/26 11:48	Georgia (St)

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

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: ACC H.Auld, D.Johnson, T. Goble	Lab PM: David Fuller / Phone: 770-344-8986	Carrier Tracking No(s):	COC No:
Client Contact: SCS Contacts	Phone: 770-594-5998	E-Mail: David.Fuller@ET.EurofinsUS.com		Page: 1 of 2
Company: GA Power				Job #:
Address: 241 Ralph McGill Blvd SE	Due Date Requested:			
City: Atlanta	TAT Requested (days):			
State, Zip: GA, 30308				
Phone: 404-506-7116(Tel)	Lab Project #: 70504536			
Email: SCS Contacts / Geosyntec Contacts	PO #: GPC82130-0004 / PO Line #1			
Project Name: Plant Wansley Ash Pond	Project #:			
Site:	SSOW#:			

Analysis Requested

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

Task_Code: WAN-CCR-ASSMT-2026S1

Sample Identification	Sample Date (mm/dd/yy)	Sample Time (hhmm)	Sample Type (C=comp, G=grab)	Matrix (WG=ground water, WS=surface water, WQ=quality control)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D - Chloride, Fluoride, Sulfate	2540C_Calcd - Total Dissolved Solids (TDS)	6010D- App III Metals: B, Ca	6020B - App IV Metals: Sb,As,Ba,Be,Cd,Cr,Co,Pb,Mo,Se,Tl	6010D - Lithium	7470A - App IV Mercury	9315_Ra226 - Radium-226 (GFPC) - 21 day decay	9320_Ra228 - Radium-228 (GFPC) - 21 day decay	Ra226Ra228_GFPC - Combined Radium 226 and 228	Major Ions - Carbonate, Bicarbonate, Total Alkalinity	Major Ions - Sulfide	Major Ions - Fe, Mg, Mn, K, Na		Total Number of containers	Special Instructions/Note:
			Preservation Code:				I	I	D	D	D	D	D	D	D	I	B, C	D			
WAN- WGWC-12	02/11/26	1125	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		6	
WAN- WGWC-17	02/11/26	1341	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		6	
WAN- WGWC-19	02/11/26	1450	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		6	
WAN- WGWC-21	02/11/26	1654	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		6	
WAN- WGWC-22	02/11/26	1530	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		6	
WAN- WGWC-23	02/11/26	1224	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		6	
WAN- WGWC-25	02/11/26	1310	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		6	05-57521 COC
WAN- WAMW-2	02/11/26	1316	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		6	
WAN- API-FD-02	02/11/26	~~1310~~ HA	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		6	
WAN- API-FD-03	02/11/26	~~1311~~ HA	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		6	
WAN- API-FB-09	02/11/26	1510	G	WQ	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		6	

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

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

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

Special Instructions/QC Requirements:

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

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	2-12-26/1145	ACC		2/12/26 1145	ACC
	2/12/26 1446	ACC		2-12-26 1446	

Custody Seals Intact: Δ Yes Δ No
Custody Seal No.:
Cooler Temperature(s) °C and Other Remarks: 3.1 1.4 0.3 2.0

Ver: 01/16/2019
4/19/2026 (Rev. 1)

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

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: ACC H. Auld, D. Johnson, T. Goble	Lab PM: David Fuller / Phone: 770-344-8986	Carrier Tracking No(s):	COC No:
Client Contact: SCS Contacts	Phone: 770-594-5998	E-Mail: David.Fuller@ET.EurofinsUS.com		Page: 2 of 2
Company: GA Power				Job #:
Address: 241 Ralph McGill Blvd SE	Due Date Requested:			
City: Atlanta	TAT Requested (days):			
State, Zip: GA, 30308				
Phone: 404-506-7116(Tel)	Lab Project #: 70504536			
Email: SCS Contacts / Geosyntec Contacts	PO #: GPC82130-0004 / PO Line #1			
Project Name: Plant Wansley Ash Pond	Project #:			
Site:	SSOW#:			

Analysis Requested

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

Task_Code: WAN-CCR-ASSMT-2026S1

Sample Identification	Sample Date (mm/dd/yy)	Sample Time (hhmm)	Sample Type (C=Comp, G=grab)	Matrix (WG=ground water, WS=surface water, WQ=quality control)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D - Chloride, Fluoride, Sulfate	2540C_Calcd - Total Dissolved Solids (TDS)	6010D- App III Metals: B, Ca	6020B - App IV Metals: Sb,As,Ba,Be,Cd,Cr,Co,Pb,Mo,Se,Tl	6010D - Lithium	7470A - App IV Mercury	9315_Ra226 - Radium-226 (GFPC) - 21 day decay	9320_Ra228 - Radium-228 (GFPC) - 21 day decay	Ra226Ra228_GFPC - Combined Radium 226 and 228	Major Ions - Carbonate, Bicarbonate, Total Alkalinity	Major Ions - Sulfide	Major Ions - Fe, Mg, Mn, K, Na		Total Number of containers	Special Instructions/Note:
			Preservation Code:				I	I	D	D	D	D	D	D	D	I	B, C	D			
WAN- AP1-EB-02	02/11/26	1215	G	WQ	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		6	
WAN-			G		N	N															
WAN-			G		N	N															
WAN-			G		N	N															
WAN-			G		N	N															
WAN-			G		N	N															
WAN-			G		N	N															
WAN-			G		N	N															
WAN-			G		N	N															
WAN-			G		N	N															
WAN-			G		N	N															

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

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

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

Special Instructions/QC Requirements:

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

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
[signature]	2-12-26/1145	ACC	[signature]	2/12/26 1145	ACC
[signature]	2/12/26 1446	ACC	[signature]	2-12-26 1146	

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 3.1 1.4 0.3 2.0

Ver: 01/16/2019
4/19/2026 (Rev. 1)

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 705-57521-1

Login Number: 57521
List Number: 1
Creator: Gay, Dalton

List Source: Eurofins Atlanta

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

Definitions/Glossary

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-57521-1

Qualifiers

HPLC/IC

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

Metals

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

General Chemistry

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.

Glossary

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

Job Narrative
705-57521-1

Revision 1
The report being provided is a revision of the original report sent on 2/26/2026. The report is being revised in order to correct the results for the first and fourth samples in this submittal that were cross-labeled during login.

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

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

Receipt
The samples were received on 2/12/2026 11:48 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 4 coolers at receipt time were 0.3°C, 1.4°C, 2.0°C and 3.1°C.

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

Metals
Method 7470A: The method blank for preparation batch 705-115960 and analytical batch 705-116002 contained Mercury above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

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

General Chemistry
Method 4500 S2 F-2011: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 705-114324 and analytical batch 705-114453 were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

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

Detection Summary

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-57521-1

Client Sample ID: WAN-WGWC-12 — Lab Sample ID: 705-57521-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	4.0		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.16	J	0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	12		1.0	0.77	mg/L	1		300.0	Total/NA
Calcium	14		0.10	0.038	mg/L	1		6010D	Total/NA
Lithium	0.0097	J	0.020	0.0037	mg/L	1		6010D	Total/NA
Barium	0.018		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Cobalt	0.00052	J	0.0050	0.00041	mg/L	1		6020B	Total Recoverable
Iron	1.4		0.10	0.018	mg/L	1		6020B	Total Recoverable
Magnesium	2.9		0.10	0.016	mg/L	1		6020B	Total Recoverable
Manganese	0.011		0.0050	0.0013	mg/L	1		6020B	Total Recoverable
Potassium	2.3	B	0.10	0.044	mg/L	1		6020B	Total Recoverable
Sodium	5.5		0.50	0.25	mg/L	1		6020B	Total Recoverable
Thallium	0.0042		0.0010	0.00019	mg/L	1		6020B	Total Recoverable
Total Alkalinity as CaCO3	43		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	43		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	90		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: WAN-WGWC-17 — Lab Sample ID: 705-57521-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	1.6		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.17	J	0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	4.4		1.0	0.77	mg/L	1		300.0	Total/NA
Calcium	6.7		0.10	0.038	mg/L	1		6010D	Total/NA
Lithium	0.0082	J	0.020	0.0037	mg/L	1		6010D	Total/NA
Barium	0.012		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Cobalt	0.00081	J	0.0050	0.00041	mg/L	1		6020B	Total Recoverable
Iron	2.3		0.10	0.018	mg/L	1		6020B	Total Recoverable
Magnesium	4.0		0.10	0.016	mg/L	1		6020B	Total Recoverable
Manganese	0.12		0.0050	0.0013	mg/L	1		6020B	Total Recoverable
Molybdenum	0.0035	J	0.0050	0.00069	mg/L	1		6020B	Total Recoverable
Potassium	1.9		0.10	0.044	mg/L	1		6020B	Total Recoverable
Sodium	9.1		0.50	0.25	mg/L	1		6020B	Total Recoverable
Total Alkalinity as CaCO3	52		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	52		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	76		10	10	mg/L	1		2540C - 2015	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-57521-1

Client Sample ID: WAN-WGWC-19 — Lab Sample ID: 705-57521-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	3.4		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.35		0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	3.5		1.0	0.77	mg/L	1		300.0	Total/NA
Calcium	12		0.10	0.038	mg/L	1		6010D	Total/NA
Lithium	0.060		0.020	0.0037	mg/L	1		6010D	Total/NA
Barium	0.0014	J	0.010	0.00041	mg/L	1		6020B	Total Recoverable
Iron	0.072	J	0.10	0.018	mg/L	1		6020B	Total Recoverable
Magnesium	11		0.10	0.016	mg/L	1		6020B	Total Recoverable
Manganese	0.0086		0.0050	0.0013	mg/L	1		6020B	Total Recoverable
Molybdenum	0.0013	J	0.0050	0.00069	mg/L	1		6020B	Total Recoverable
Potassium	1.6		0.10	0.044	mg/L	1		6020B	Total Recoverable
Sodium	8.5		0.50	0.25	mg/L	1		6020B	Total Recoverable
Total Alkalinity as CaCO3	91		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	91		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	94		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: WAN-WGWC-21 — Lab Sample ID: 705-57521-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	62		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	2.0		0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	270		10	7.7	mg/L	10		300.0	Total/NA
Boron	0.081		0.080	0.026	mg/L	1		6010D	Total/NA
Calcium	50		0.10	0.038	mg/L	1		6010D	Total/NA
Lithium	0.087		0.020	0.0037	mg/L	1		6010D	Total/NA
Barium	0.0039	J	0.010	0.00041	mg/L	1		6020B	Total Recoverable
Beryllium	0.00047	J	0.0010	0.00015	mg/L	1		6020B	Total Recoverable
Iron	0.078	J	0.10	0.018	mg/L	1		6020B	Total Recoverable
Magnesium	6.4		0.10	0.016	mg/L	1		6020B	Total Recoverable
Manganese	1.1		0.0050	0.0013	mg/L	1		6020B	Total Recoverable
Molybdenum	0.025		0.0050	0.00069	mg/L	1		6020B	Total Recoverable
Potassium	2.7	B	0.10	0.044	mg/L	1		6020B	Total Recoverable
Sodium	150		2.5	1.2	mg/L	5		6020B	Total Recoverable
Total Alkalinity as CaCO3	96		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	96		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	590		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: WAN-WGWC-22 — Lab Sample ID: 705-57521-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	4.7		1.0	0.98	mg/L	1		300.0	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-57521-1

Client Sample ID: WAN-WGWC-22 (Continued) — Lab Sample ID: 705-57521-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Fluoride	0.28		0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	61		1.0	0.77	mg/L	1		300.0	Total/NA
Boron	0.29		0.080	0.026	mg/L	1		6010D	Total/NA
Calcium	13		0.10	0.038	mg/L	1		6010D	Total/NA
Lithium	0.011	J	0.020	0.0037	mg/L	1		6010D	Total/NA
Barium	0.022		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Beryllium	0.00069	J	0.0010	0.00015	mg/L	1		6020B	Total Recoverable
Iron	0.17		0.10	0.018	mg/L	1		6020B	Total Recoverable
Magnesium	3.2		0.10	0.016	mg/L	1		6020B	Total Recoverable
Manganese	0.0069		0.0050	0.0013	mg/L	1		6020B	Total Recoverable
Potassium	5.2		0.10	0.044	mg/L	1		6020B	Total Recoverable
Selenium	0.0037	J	0.0050	0.0023	mg/L	1		6020B	Total Recoverable
Sodium	18		0.50	0.25	mg/L	1		6020B	Total Recoverable
Total Alkalinity as CaCO3	21		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	21		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	160		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: WAN-WGWC-23 — Lab Sample ID: 705-57521-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	3.3		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.10	J	0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	6.4		1.0	0.77	mg/L	1		300.0	Total/NA
Calcium	2.7		0.10	0.038	mg/L	1		6010D	Total/NA
Lithium	0.0052	J	0.020	0.0037	mg/L	1		6010D	Total/NA
Barium	0.0079	J	0.010	0.00041	mg/L	1		6020B	Total Recoverable
Beryllium	0.0014		0.0010	0.00015	mg/L	1		6020B	Total Recoverable
Iron	0.16		0.10	0.018	mg/L	1		6020B	Total Recoverable
Magnesium	0.69		0.10	0.016	mg/L	1		6020B	Total Recoverable
Manganese	0.0043	J	0.0050	0.0013	mg/L	1		6020B	Total Recoverable
Potassium	2.7		0.10	0.044	mg/L	1		6020B	Total Recoverable
Selenium	0.0026	J	0.0050	0.0023	mg/L	1		6020B	Total Recoverable
Sodium	13		0.50	0.25	mg/L	1		6020B	Total Recoverable
Total Alkalinity as CaCO3	26		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	26		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	77		10	10	mg/L	1		2540C - 2015	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-57521-1

Client Sample ID: WAN-WGWC-25 — Lab Sample ID: 705-57521-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	44		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.099	J	0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	26		1.0	0.77	mg/L	1		300.0	Total/NA
Boron	0.71		0.080	0.026	mg/L	1		6010D	Total/NA
Calcium	18		0.10	0.038	mg/L	1		6010D	Total/NA
Lithium	0.0057	J	0.020	0.0037	mg/L	1		6010D	Total/NA
Barium	0.19		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Beryllium	0.00015	J	0.0010	0.00015	mg/L	1		6020B	Total Recoverable
Cobalt	0.0081		0.0050	0.00041	mg/L	1		6020B	Total Recoverable
Iron	1.6		0.10	0.018	mg/L	1		6020B	Total Recoverable
Magnesium	12		0.10	0.016	mg/L	1		6020B	Total Recoverable
Manganese	0.58		0.0050	0.0013	mg/L	1		6020B	Total Recoverable
Potassium	3.5		0.10	0.044	mg/L	1		6020B	Total Recoverable
Sodium	9.0		0.50	0.25	mg/L	1		6020B	Total Recoverable
Total Alkalinity as CaCO3	31		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	31		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	180		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: WAN-WAMW-2 — Lab Sample ID: 705-57521-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	2.6		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.32		0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	5.8		1.0	0.77	mg/L	1		300.0	Total/NA
Calcium	18		0.10	0.038	mg/L	1		6010D	Total/NA
Lithium	0.026		0.020	0.0037	mg/L	1		6010D	Total/NA
Barium	0.015		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Beryllium	0.00020	J	0.0010	0.00015	mg/L	1		6020B	Total Recoverable
Cobalt	0.00060	J	0.0050	0.00041	mg/L	1		6020B	Total Recoverable
Iron	2.2		0.10	0.018	mg/L	1		6020B	Total Recoverable
Magnesium	5.6		0.10	0.016	mg/L	1		6020B	Total Recoverable
Manganese	0.062		0.0050	0.0013	mg/L	1		6020B	Total Recoverable
Potassium	2.1		0.10	0.044	mg/L	1		6020B	Total Recoverable
Sodium	6.4		0.50	0.25	mg/L	1		6020B	Total Recoverable
Total Alkalinity as CaCO3	80		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	80		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	120		10	10	mg/L	1		2540C - 2015	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-57521-1

Client Sample ID: WAN-AP1-FD-02 — Lab Sample ID: 705-57521-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	44		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.12	J	0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	26		1.0	0.77	mg/L	1		300.0	Total/NA
Boron	0.73		0.080	0.026	mg/L	1		6010D	Total/NA
Calcium	18		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.19		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Cobalt	0.0083		0.0050	0.00041	mg/L	1		6020B	Total Recoverable
Iron	1.8		0.10	0.018	mg/L	1		6020B	Total Recoverable
Magnesium	12		0.10	0.016	mg/L	1		6020B	Total Recoverable
Manganese	0.58		0.0050	0.0013	mg/L	1		6020B	Total Recoverable
Potassium	3.6		0.10	0.044	mg/L	1		6020B	Total Recoverable
Sodium	9.0		0.50	0.25	mg/L	1		6020B	Total Recoverable
Total Alkalinity as CaCO3	31		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	31		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	180		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: WAN-AP1-FD-03 — Lab Sample ID: 705-57521-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	1.5		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.14	J	0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	2.1		1.0	0.77	mg/L	1		300.0	Total/NA
Calcium	6.6		0.10	0.038	mg/L	1		6010D	Total/NA
Lithium	0.0053	J	0.020	0.0037	mg/L	1		6010D	Total/NA
Barium	0.021		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Cobalt	0.0012	J	0.0050	0.00041	mg/L	1		6020B	Total Recoverable
Iron	2.2		0.10	0.018	mg/L	1		6020B	Total Recoverable
Magnesium	4.3		0.10	0.016	mg/L	1		6020B	Total Recoverable
Manganese	0.14		0.0050	0.0013	mg/L	1		6020B	Total Recoverable
Molybdenum	0.0033	J	0.0050	0.00069	mg/L	1		6020B	Total Recoverable
Potassium	2.0		0.10	0.044	mg/L	1		6020B	Total Recoverable
Sodium	8.7		0.50	0.25	mg/L	1		6020B	Total Recoverable
Total Alkalinity as CaCO3	57		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	57		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	86		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: WAN-AP1-FB-09 — Lab Sample ID: 705-57521-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Fluoride	0.095	J	0.20	0.081	mg/L	1		300.0	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-57521-1

Client Sample ID: WAN-AP1-FB-09 (Continued) — Lab Sample ID: 705-57521-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.00077	J	0.010	0.00041	mg/L	1		6020B	Total Recoverable
Potassium	0.12		0.10	0.044	mg/L	1		6020B	Total Recoverable
Sodium	0.40	J	0.50	0.25	mg/L	1		6020B	Total Recoverable

Client Sample ID: WAN-AP1-EB-02 — Lab Sample ID: 705-57521-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Fluoride	0.094	J	0.20	0.081	mg/L	1		300.0	Total/NA
Iron	0.036	J	0.10	0.018	mg/L	1		6020B	Total Recoverable
Potassium	0.067	J	0.10	0.044	mg/L	1		6020B	Total Recoverable

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-57521-1

Client Sample ID: WAN-WGWC-12

Lab Sample ID: 705-57521-1
Date Collected: 02/11/26 11:25
Matrix: Water
Date Received: 02/12/26 11:48

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**4.0**		1.0	0.98	mg/L			02/19/26 01:32	1
Fluoride	**0.16**	**J**	0.20	0.081	mg/L			02/19/26 01:32	1
Sulfate	**12**		1.0	0.77	mg/L			02/19/26 01:32	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		02/17/26 10:09	02/18/26 16:13	1
Calcium	**14**		0.10	0.038	mg/L		02/17/26 10:09	02/18/26 16:13	1
Lithium	**0.0097**	**J**	0.020	0.0037	mg/L		02/17/26 10:09	02/18/26 16:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		02/15/26 12:18	02/17/26 02:10	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		02/15/26 12:18	02/17/26 02:10	1
Barium	**0.018**		0.010	0.00041	mg/L		02/15/26 12:18	02/17/26 02:10	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		02/15/26 12:18	02/17/26 02:10	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		02/15/26 12:18	02/17/26 02:10	1
Chromium	<0.0037		0.0050	0.0037	mg/L		02/15/26 12:18	02/17/26 02:10	1
Cobalt	**0.00052**	**J**	0.0050	0.00041	mg/L		02/15/26 12:18	02/17/26 02:10	1
Iron	**1.4**		0.10	0.018	mg/L		02/15/26 12:18	02/17/26 02:10	1
Lead	<0.00086		0.0010	0.00086	mg/L		02/15/26 12:18	02/17/26 02:10	1
Magnesium	**2.9**		0.10	0.016	mg/L		02/15/26 12:18	02/17/26 02:10	1
Manganese	**0.011**		0.0050	0.0013	mg/L		02/15/26 12:18	02/17/26 02:10	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		02/15/26 12:18	02/17/26 02:10	1
Potassium	**2.3**	**B**	0.10	0.044	mg/L		02/15/26 12:18	02/17/26 02:10	1
Selenium	<0.0023		0.0050	0.0023	mg/L		02/15/26 12:18	02/17/26 02:10	1
Sodium	**5.5**		0.50	0.25	mg/L		02/15/26 12:18	02/17/26 02:10	1
Thallium	**0.0042**		0.0010	0.00019	mg/L		02/15/26 12:18	02/17/26 02:10	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		02/25/26 20:15	02/26/26 00:37	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**43**		3.0	3.0	mg/L			02/24/26 15:56	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**43**		3.0	3.0	mg/L			02/24/26 15:56	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			02/24/26 15:56	1
Total Dissolved Solids (SM 2540C - 2015)	**90**		10	10	mg/L			02/18/26 15:45	1
Sulfide (SM 4500 S2 F-2011)	<1.0		1.0	1.0	mg/L		02/15/26 14:22	02/16/26 12:30	1

Client Sample ID: WAN-WGWC-17

Lab Sample ID: 705-57521-2
Date Collected: 02/11/26 13:41
Matrix: Water
Date Received: 02/12/26 11:48

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1.6**		1.0	0.98	mg/L			02/19/26 00:11	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-57521-1

Client Sample ID: WAN-WGWC-17

Lab Sample ID: 705-57521-2
Date Collected: 02/11/26 13:41
Matrix: Water
Date Received: 02/12/26 11:48

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	**0.17**	**J**	0.20	0.081	mg/L			02/19/26 00:11	1
Sulfate	**4.4**		1.0	0.77	mg/L			02/19/26 00:11	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		02/17/26 10:09	02/18/26 16:01	1
Calcium	**6.7**		0.10	0.038	mg/L		02/17/26 10:09	02/18/26 16:01	1
Lithium	**0.0082**	**J**	0.020	0.0037	mg/L		02/17/26 10:09	02/18/26 16:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		02/15/26 12:18	02/17/26 01:30	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		02/15/26 12:18	02/17/26 01:30	1
Barium	**0.012**		0.010	0.00041	mg/L		02/15/26 12:18	02/17/26 01:30	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		02/15/26 12:18	02/17/26 01:30	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		02/15/26 12:18	02/17/26 01:30	1
Chromium	<0.0037		0.0050	0.0037	mg/L		02/15/26 12:18	02/17/26 01:30	1
Cobalt	**0.00081**	**J**	0.0050	0.00041	mg/L		02/15/26 12:18	02/17/26 01:30	1
Iron	**2.3**		0.10	0.018	mg/L		02/15/26 12:18	02/17/26 01:30	1
Lead	<0.00086		0.0010	0.00086	mg/L		02/15/26 12:18	02/17/26 01:30	1
Magnesium	**4.0**		0.10	0.016	mg/L		02/15/26 12:18	02/17/26 01:30	1
Manganese	**0.12**		0.0050	0.0013	mg/L		02/15/26 12:18	02/17/26 01:30	1
Molybdenum	**0.0035**	**J**	0.0050	0.00069	mg/L		02/15/26 12:18	02/17/26 01:30	1
Potassium	**1.9**		0.10	0.044	mg/L		02/15/26 12:18	02/17/26 01:30	1
Selenium	<0.0023		0.0050	0.0023	mg/L		02/15/26 12:18	02/17/26 01:30	1
Sodium	**9.1**		0.50	0.25	mg/L		02/15/26 12:18	02/17/26 01:30	1
Thallium	<0.00019		0.0010	0.00019	mg/L		02/15/26 12:18	02/17/26 01:30	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		02/25/26 20:15	02/26/26 00:40	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**52**		3.0	3.0	mg/L			02/24/26 15:56	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**52**		3.0	3.0	mg/L			02/24/26 15:56	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			02/24/26 15:56	1
Total Dissolved Solids (SM 2540C - 2015)	**76**		10	10	mg/L			02/18/26 15:45	1
Sulfide (SM 4500 S2 F-2011)	<1.0		1.0	1.0	mg/L		02/15/26 14:22	02/16/26 12:30	1

Client Sample ID: WAN-WGWC-19

Lab Sample ID: 705-57521-3
Date Collected: 02/11/26 14:50
Matrix: Water
Date Received: 02/12/26 11:48

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3.4**		1.0	0.98	mg/L			02/19/26 00:23	1
Fluoride	**0.35**		0.20	0.081	mg/L			02/19/26 00:23	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-57521-1

Client Sample ID: WAN-WGWC-19

Lab Sample ID: 705-57521-3
Matrix: Water

Date Collected: 02/11/26 14:50
Date Received: 02/12/26 11:48

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**3.5**		1.0	0.77	mg/L			02/19/26 00:23	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		02/17/26 10:09	02/18/26 16:04	1
Calcium	**12**		0.10	0.038	mg/L		02/17/26 10:09	02/18/26 16:04	1
Lithium	**0.060**		0.020	0.0037	mg/L		02/17/26 10:09	02/18/26 16:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		02/15/26 12:18	02/17/26 01:33	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		02/15/26 12:18	02/17/26 01:33	1
Barium	**0.0014**	**J**	0.010	0.00041	mg/L		02/15/26 12:18	02/17/26 01:33	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		02/15/26 12:18	02/17/26 01:33	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		02/15/26 12:18	02/17/26 01:33	1
Chromium	<0.0037		0.0050	0.0037	mg/L		02/15/26 12:18	02/17/26 01:33	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		02/15/26 12:18	02/17/26 01:33	1
Iron	**0.072**	**J**	0.10	0.018	mg/L		02/15/26 12:18	02/17/26 01:33	1
Lead	<0.00086		0.0010	0.00086	mg/L		02/15/26 12:18	02/17/26 01:33	1
Magnesium	**11**		0.10	0.016	mg/L		02/15/26 12:18	02/17/26 01:33	1
Manganese	**0.0086**		0.0050	0.0013	mg/L		02/15/26 12:18	02/17/26 01:33	1
Molybdenum	**0.0013**	**J**	0.0050	0.00069	mg/L		02/15/26 12:18	02/17/26 01:33	1
Potassium	**1.6**		0.10	0.044	mg/L		02/15/26 12:18	02/17/26 01:33	1
Selenium	<0.0023		0.0050	0.0023	mg/L		02/15/26 12:18	02/17/26 01:33	1
Sodium	**8.5**		0.50	0.25	mg/L		02/15/26 12:18	02/17/26 01:33	1
Thallium	<0.00019		0.0010	0.00019	mg/L		02/15/26 12:18	02/17/26 01:33	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		02/25/26 20:15	02/26/26 00:44	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**91**		3.0	3.0	mg/L			02/24/26 15:56	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**91**		3.0	3.0	mg/L			02/24/26 15:56	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			02/24/26 15:56	1
Total Dissolved Solids (SM 2540C - 2015)	**94**		10	10	mg/L			02/18/26 15:45	1
Sulfide (SM 4500 S2 F-2011)	<1.0		1.0	1.0	mg/L		02/15/26 14:22	02/16/26 12:30	1

Client Sample ID: WAN-WGWC-21

Lab Sample ID: 705-57521-4
Matrix: Water

Date Collected: 02/11/26 16:54
Date Received: 02/12/26 11:48

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**62**		1.0	0.98	mg/L			02/19/26 00:00	1
Fluoride	**2.0**		0.20	0.081	mg/L			02/19/26 00:00	1
Sulfate	**270**		10	7.7	mg/L			02/19/26 19:34	10

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-57521-1

Client Sample ID: WAN-WGWC-21

Lab Sample ID: 705-57521-4
Matrix: Water

Date Collected: 02/11/26 16:54
Date Received: 02/12/26 11:48

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**0.081**		0.080	0.026	mg/L		02/17/26 10:09	02/18/26 15:58	1
Calcium	**50**		0.10	0.038	mg/L		02/17/26 10:09	02/18/26 15:58	1
Lithium	**0.087**		0.020	0.0037	mg/L		02/17/26 10:09	02/18/26 15:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		02/15/26 12:18	02/17/26 01:24	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		02/15/26 12:18	02/17/26 01:24	1
Barium	**0.0039**	**J**	0.010	0.00041	mg/L		02/15/26 12:18	02/17/26 01:24	1
Beryllium	**0.00047**	**J**	0.0010	0.00015	mg/L		02/15/26 12:18	02/17/26 01:24	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		02/15/26 12:18	02/17/26 01:24	1
Chromium	<0.0037		0.0050	0.0037	mg/L		02/15/26 12:18	02/17/26 01:24	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		02/15/26 12:18	02/17/26 01:24	1
Iron	**0.078**	**J**	0.10	0.018	mg/L		02/15/26 12:18	02/17/26 01:24	1
Lead	<0.00086		0.0010	0.00086	mg/L		02/15/26 12:18	02/17/26 01:24	1
Magnesium	**6.4**		0.10	0.016	mg/L		02/15/26 12:18	02/17/26 01:24	1
Manganese	**1.1**		0.0050	0.0013	mg/L		02/15/26 12:18	02/17/26 01:24	1
Molybdenum	**0.025**		0.0050	0.00069	mg/L		02/15/26 12:18	02/17/26 01:24	1
Potassium	**2.7**	**B**	0.10	0.044	mg/L		02/15/26 12:18	02/17/26 01:24	1
Selenium	<0.0023		0.0050	0.0023	mg/L		02/15/26 12:18	02/17/26 01:24	1
Sodium	**150**		2.5	1.2	mg/L		02/15/26 12:18	02/17/26 01:27	5
Thallium	<0.00019		0.0010	0.00019	mg/L		02/15/26 12:18	02/17/26 01:24	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		02/25/26 20:15	02/26/26 00:47	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**96**		3.0	3.0	mg/L			02/24/26 15:56	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**96**		3.0	3.0	mg/L			02/24/26 15:56	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			02/24/26 15:56	1
Total Dissolved Solids (SM 2540C - 2015)	**590**		10	10	mg/L			02/18/26 15:45	1
Sulfide (SM 4500 S2 F-2011)	<1.0	F1	1.0	1.0	mg/L		02/15/26 14:22	02/16/26 12:30	1

Client Sample ID: WAN-WGWC-22

Lab Sample ID: 705-57521-5
Matrix: Water

Date Collected: 02/11/26 15:30
Date Received: 02/12/26 11:48

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**4.7**		1.0	0.98	mg/L			02/19/26 01:44	1
Fluoride	**0.28**		0.20	0.081	mg/L			02/19/26 01:44	1
Sulfate	**61**		1.0	0.77	mg/L			02/19/26 01:44	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**0.29**		0.080	0.026	mg/L		02/17/26 10:09	02/18/26 16:16	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-57521-1

Client Sample ID: WAN-WGWC-22

Lab Sample ID: 705-57521-5
Matrix: Water

Date Collected: 02/11/26 15:30
Date Received: 02/12/26 11:48

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	13		0.10	0.038	mg/L		02/17/26 10:09	02/18/26 16:16	1
Lithium	0.011	J	0.020	0.0037	mg/L		02/17/26 10:09	02/18/26 16:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		02/15/26 12:18	02/17/26 02:12	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		02/15/26 12:18	02/17/26 02:12	1
Barium	0.022		0.010	0.00041	mg/L		02/15/26 12:18	02/17/26 02:12	1
Beryllium	0.00069	J	0.0010	0.00015	mg/L		02/15/26 12:18	02/17/26 02:12	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		02/15/26 12:18	02/17/26 02:12	1
Chromium	<0.0037		0.0050	0.0037	mg/L		02/15/26 12:18	02/17/26 02:12	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		02/15/26 12:18	02/17/26 02:12	1
Iron	0.17		0.10	0.018	mg/L		02/15/26 12:18	02/17/26 02:12	1
Lead	<0.00086		0.0010	0.00086	mg/L		02/15/26 12:18	02/17/26 02:12	1
Magnesium	3.2		0.10	0.016	mg/L		02/15/26 12:18	02/17/26 02:12	1
Manganese	0.0069		0.0050	0.0013	mg/L		02/15/26 12:18	02/17/26 02:12	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		02/15/26 12:18	02/17/26 02:12	1
Potassium	5.2		0.10	0.044	mg/L		02/15/26 12:18	02/17/26 02:12	1
Selenium	0.0037	J	0.0050	0.0023	mg/L		02/15/26 12:18	02/17/26 02:12	1
Sodium	18		0.50	0.25	mg/L		02/15/26 12:18	02/17/26 02:12	1
Thallium	<0.00019		0.0010	0.00019	mg/L		02/15/26 12:18	02/17/26 02:12	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		02/25/26 20:15	02/26/26 00:51	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	21		3.0	3.0	mg/L			02/24/26 15:56	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	21		3.0	3.0	mg/L			02/24/26 15:56	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			02/24/26 15:56	1
Total Dissolved Solids (SM 2540C - 2015)	160		10	10	mg/L			02/18/26 15:45	1
Sulfide (SM 4500 S2 F-2011)	<1.0		1.0	1.0	mg/L		02/15/26 14:22	02/16/26 12:30	1

Client Sample ID: WAN-WGWC-23

Lab Sample ID: 705-57521-6
Matrix: Water

Date Collected: 02/11/26 12:24
Date Received: 02/12/26 11:48

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3.3		1.0	0.98	mg/L			02/19/26 01:55	1
Fluoride	0.10	J	0.20	0.081	mg/L			02/19/26 01:55	1
Sulfate	6.4		1.0	0.77	mg/L			02/19/26 01:55	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		02/17/26 10:09	02/18/26 16:19	1
Calcium	2.7		0.10	0.038	mg/L		02/17/26 10:09	02/18/26 16:19	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-57521-1

Client Sample ID: WAN-WGWC-23

Lab Sample ID: 705-57521-6
Matrix: Water

Date Collected: 02/11/26 12:24
Date Received: 02/12/26 11:48

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	0.0052	J	0.020	0.0037	mg/L		02/17/26 10:09	02/18/26 16:19	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		02/15/26 12:18	02/17/26 02:15	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		02/15/26 12:18	02/17/26 02:15	1
Barium	0.0079	J	0.010	0.00041	mg/L		02/15/26 12:18	02/17/26 02:15	1
Beryllium	0.0014		0.0010	0.00015	mg/L		02/15/26 12:18	02/17/26 02:15	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		02/15/26 12:18	02/17/26 02:15	1
Chromium	<0.0037		0.0050	0.0037	mg/L		02/15/26 12:18	02/17/26 02:15	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		02/15/26 12:18	02/17/26 02:15	1
Iron	0.16		0.10	0.018	mg/L		02/15/26 12:18	02/17/26 02:15	1
Lead	<0.00086		0.0010	0.00086	mg/L		02/15/26 12:18	02/17/26 02:15	1
Magnesium	0.69		0.10	0.016	mg/L		02/15/26 12:18	02/17/26 02:15	1
Manganese	0.0043	J	0.0050	0.0013	mg/L		02/15/26 12:18	02/17/26 02:15	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		02/15/26 12:18	02/17/26 02:15	1
Potassium	2.7		0.10	0.044	mg/L		02/15/26 12:18	02/17/26 02:15	1
Selenium	0.0026	J	0.0050	0.0023	mg/L		02/15/26 12:18	02/17/26 02:15	1
Sodium	13		0.50	0.25	mg/L		02/15/26 12:18	02/17/26 02:15	1
Thallium	<0.00019		0.0010	0.00019	mg/L		02/15/26 12:18	02/17/26 02:15	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		02/25/26 20:15	02/26/26 00:54	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	26		3.0	3.0	mg/L			02/24/26 15:56	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	26		3.0	3.0	mg/L			02/24/26 15:56	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			02/24/26 15:56	1
Total Dissolved Solids (SM 2540C - 2015)	77		10	10	mg/L			02/18/26 15:45	1
Sulfide (SM 4500 S2 F-2011)	<1.0		1.0	1.0	mg/L		02/15/26 14:22	02/16/26 12:30	1

Client Sample ID: WAN-WGWC-25

Lab Sample ID: 705-57521-7
Matrix: Water

Date Collected: 02/11/26 13:10
Date Received: 02/12/26 11:48

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	44		1.0	0.98	mg/L			02/19/26 02:07	1
Fluoride	0.099	J	0.20	0.081	mg/L			02/19/26 02:07	1
Sulfate	26		1.0	0.77	mg/L			02/19/26 02:07	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	0.71		0.080	0.026	mg/L		02/17/26 10:09	02/18/26 16:22	1
Calcium	18		0.10	0.038	mg/L		02/17/26 10:09	02/18/26 16:22	1
Lithium	0.0057	J	0.020	0.0037	mg/L		02/17/26 10:09	02/18/26 16:22	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-57521-1

Client Sample ID: WAN-WGWC-25

Lab Sample ID: 705-57521-7
Date Collected: 02/11/26 13:10
Matrix: Water
Date Received: 02/12/26 11:48

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		02/15/26 12:18	02/17/26 02:18	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		02/15/26 12:18	02/17/26 02:18	1
Barium	**0.19**		0.010	0.00041	mg/L		02/15/26 12:18	02/17/26 02:18	1
Beryllium	**0.00015**	**J**	0.0010	0.00015	mg/L		02/15/26 12:18	02/17/26 02:18	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		02/15/26 12:18	02/17/26 02:18	1
Chromium	<0.0037		0.0050	0.0037	mg/L		02/15/26 12:18	02/17/26 02:18	1
Cobalt	**0.0081**		0.0050	0.00041	mg/L		02/15/26 12:18	02/17/26 02:18	1
Iron	**1.6**		0.10	0.018	mg/L		02/15/26 12:18	02/17/26 02:18	1
Lead	<0.00086		0.0010	0.00086	mg/L		02/15/26 12:18	02/17/26 02:18	1
Magnesium	**12**		0.10	0.016	mg/L		02/15/26 12:18	02/17/26 02:18	1
Manganese	**0.58**		0.0050	0.0013	mg/L		02/15/26 12:18	02/17/26 02:18	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		02/15/26 12:18	02/17/26 02:18	1
Potassium	**3.5**		0.10	0.044	mg/L		02/15/26 12:18	02/17/26 02:18	1
Selenium	<0.0023		0.0050	0.0023	mg/L		02/15/26 12:18	02/17/26 02:18	1
Sodium	**9.0**		0.50	0.25	mg/L		02/15/26 12:18	02/17/26 02:18	1
Thallium	<0.00019		0.0010	0.00019	mg/L		02/15/26 12:18	02/17/26 02:18	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		02/25/26 20:15	02/26/26 00:58	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**31**		3.0	3.0	mg/L			02/24/26 15:56	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**31**		3.0	3.0	mg/L			02/24/26 15:56	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			02/24/26 15:56	1
Total Dissolved Solids (SM 2540C - 2015)	**180**		10	10	mg/L			02/18/26 15:45	1
Sulfide (SM 4500 S2 F-2011)	<1.0		1.0	1.0	mg/L		02/15/26 14:22	02/16/26 12:30	1

Client Sample ID: WAN-WAMW-2

Lab Sample ID: 705-57521-8
Date Collected: 02/11/26 13:16
Matrix: Water
Date Received: 02/12/26 11:48

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2.6**		1.0	0.98	mg/L			02/19/26 02:18	1
Fluoride	**0.32**		0.20	0.081	mg/L			02/19/26 02:18	1
Sulfate	**5.8**		1.0	0.77	mg/L			02/19/26 02:18	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		02/17/26 10:13	02/19/26 09:56	1
Calcium	**18**		0.10	0.038	mg/L		02/17/26 10:13	02/19/26 09:56	1
Lithium	**0.026**		0.020	0.0037	mg/L		02/17/26 10:13	02/19/26 09:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		02/15/26 12:18	02/17/26 02:20	1

Client Sample ID: WAN-WAMW-2

Lab Sample ID: 705-57521-8
Matrix: Water

Date Collected: 02/11/26 13:16
Date Received: 02/12/26 11:48

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.0013		0.0050	0.0013	mg/L		02/15/26 12:18	02/17/26 02:20	1
Barium	**0.015**		0.010	0.00041	mg/L		02/15/26 12:18	02/17/26 02:20	1
Beryllium	**0.00020**	**J**	0.0010	0.00015	mg/L		02/15/26 12:18	02/17/26 02:20	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		02/15/26 12:18	02/17/26 02:20	1
Chromium	<0.0037		0.0050	0.0037	mg/L		02/15/26 12:18	02/17/26 02:20	1
Cobalt	**0.00060**	**J**	0.0050	0.00041	mg/L		02/15/26 12:18	02/17/26 02:20	1
Iron	**2.2**		0.10	0.018	mg/L		02/15/26 12:18	02/17/26 02:20	1
Lead	<0.00086		0.0010	0.00086	mg/L		02/15/26 12:18	02/17/26 02:20	1
Magnesium	**5.6**		0.10	0.016	mg/L		02/15/26 12:18	02/17/26 02:20	1
Manganese	**0.062**		0.0050	0.0013	mg/L		02/15/26 12:18	02/17/26 02:20	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		02/15/26 12:18	02/17/26 02:20	1
Potassium	**2.1**		0.10	0.044	mg/L		02/15/26 12:18	02/17/26 02:20	1
Selenium	<0.0023		0.0050	0.0023	mg/L		02/15/26 12:18	02/17/26 02:20	1
Sodium	**6.4**		0.50	0.25	mg/L		02/15/26 12:18	02/17/26 02:20	1
Thallium	<0.00019		0.0010	0.00019	mg/L		02/15/26 12:18	02/17/26 02:20	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		02/25/26 20:15	02/26/26 01:01	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**80**		3.0	3.0	mg/L			02/24/26 15:56	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**80**		3.0	3.0	mg/L			02/24/26 15:56	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			02/24/26 15:56	1
Total Dissolved Solids (SM 2540C - 2015)	**120**		10	10	mg/L			02/18/26 15:45	1
Sulfide (SM 4500 S2 F-2011)	<1.0		1.0	1.0	mg/L		02/15/26 14:22	02/16/26 12:30	1

Client Sample ID: WAN-AP1-FD-02

Lab Sample ID: 705-57521-9
Matrix: Water

Date Collected: 02/11/26 00:00
Date Received: 02/12/26 11:48

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**44**		1.0	0.98	mg/L			02/19/26 02:30	1
Fluoride	**0.12**	**J**	0.20	0.081	mg/L			02/19/26 02:30	1
Sulfate	**26**		1.0	0.77	mg/L			02/19/26 02:30	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**0.73**		0.080	0.026	mg/L		02/17/26 10:13	02/19/26 09:59	1
Calcium	**18**		0.10	0.038	mg/L		02/17/26 10:13	02/19/26 09:59	1
Lithium	<0.0037		0.020	0.0037	mg/L		02/17/26 10:13	02/19/26 09:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		02/15/26 12:18	02/17/26 02:23	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		02/15/26 12:18	02/17/26 02:23	1

Client Sample ID: WAN-AP1-FD-02

Lab Sample ID: 705-57521-9
Matrix: Water

Date Collected: 02/11/26 00:00
Date Received: 02/12/26 11:48

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	**0.19**		0.010	0.00041	mg/L		02/15/26 12:18	02/17/26 02:23	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		02/15/26 12:18	02/17/26 02:23	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		02/15/26 12:18	02/17/26 02:23	1
Chromium	<0.0037		0.0050	0.0037	mg/L		02/15/26 12:18	02/17/26 02:23	1
Cobalt	**0.0083**		0.0050	0.00041	mg/L		02/15/26 12:18	02/17/26 02:23	1
Iron	**1.8**		0.10	0.018	mg/L		02/15/26 12:18	02/17/26 02:23	1
Lead	<0.00086		0.0010	0.00086	mg/L		02/15/26 12:18	02/17/26 02:23	1
Magnesium	**12**		0.10	0.016	mg/L		02/15/26 12:18	02/17/26 02:23	1
Manganese	**0.58**		0.0050	0.0013	mg/L		02/15/26 12:18	02/17/26 02:23	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		02/15/26 12:18	02/17/26 02:23	1
Potassium	**3.6**		0.10	0.044	mg/L		02/15/26 12:18	02/17/26 02:23	1
Selenium	<0.0023		0.0050	0.0023	mg/L		02/15/26 12:18	02/17/26 02:23	1
Sodium	**9.0**		0.50	0.25	mg/L		02/15/26 12:18	02/17/26 02:23	1
Thallium	<0.00019		0.0010	0.00019	mg/L		02/15/26 12:18	02/17/26 02:23	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		02/25/26 20:15	02/26/26 01:04	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**31**		3.0	3.0	mg/L			02/24/26 15:56	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**31**		3.0	3.0	mg/L			02/24/26 15:56	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			02/24/26 15:56	1
Total Dissolved Solids (SM 2540C - 2015)	**180**		10	10	mg/L			02/18/26 15:45	1
Sulfide (SM 4500 S2 F-2011)	<1.0		1.0	1.0	mg/L		02/15/26 14:22	02/16/26 12:30	1

Client Sample ID: WAN-AP1-FD-03

Lab Sample ID: 705-57521-10
Matrix: Water

Date Collected: 02/11/26 00:00
Date Received: 02/12/26 11:48

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1.5**		1.0	0.98	mg/L			02/19/26 02:41	1
Fluoride	**0.14**	**J**	0.20	0.081	mg/L			02/19/26 02:41	1
Sulfate	**2.1**		1.0	0.77	mg/L			02/19/26 02:41	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		02/17/26 10:13	02/19/26 10:02	1
Calcium	**6.6**		0.10	0.038	mg/L		02/17/26 10:13	02/19/26 10:02	1
Lithium	**0.0053**	**J**	0.020	0.0037	mg/L		02/17/26 10:13	02/19/26 10:02	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		02/15/26 12:18	02/17/26 02:26	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		02/15/26 12:18	02/17/26 02:26	1
Barium	**0.021**		0.010	0.00041	mg/L		02/15/26 12:18	02/17/26 02:26	1

Client Sample ID: WAN-AP1-FD-03

Lab Sample ID: 705-57521-10

Date Collected: 02/11/26 00:00
Matrix: Water
Date Received: 02/12/26 11:48

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	<0.00015		0.0010	0.00015	mg/L		02/15/26 12:18	02/17/26 02:26	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		02/15/26 12:18	02/17/26 02:26	1
Chromium	<0.0037		0.0050	0.0037	mg/L		02/15/26 12:18	02/17/26 02:26	1
Cobalt	**0.0012**	**J**	0.0050	0.00041	mg/L		02/15/26 12:18	02/17/26 02:26	1
Iron	**2.2**		0.10	0.018	mg/L		02/15/26 12:18	02/17/26 02:26	1
Lead	<0.00086		0.0010	0.00086	mg/L		02/15/26 12:18	02/17/26 02:26	1
Magnesium	**4.3**		0.10	0.016	mg/L		02/15/26 12:18	02/17/26 02:26	1
Manganese	**0.14**		0.0050	0.0013	mg/L		02/15/26 12:18	02/17/26 02:26	1
Molybdenum	**0.0033**	**J**	0.0050	0.00069	mg/L		02/15/26 12:18	02/17/26 02:26	1
Potassium	**2.0**		0.10	0.044	mg/L		02/15/26 12:18	02/17/26 02:26	1
Selenium	<0.0023		0.0050	0.0023	mg/L		02/15/26 12:18	02/17/26 02:26	1
Sodium	**8.7**		0.50	0.25	mg/L		02/15/26 12:18	02/17/26 02:26	1
Thallium	<0.00019		0.0010	0.00019	mg/L		02/15/26 12:18	02/17/26 02:26	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		02/25/26 20:15	02/26/26 01:08	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**57**		3.0	3.0	mg/L			02/24/26 15:56	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**57**		3.0	3.0	mg/L			02/24/26 15:56	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			02/24/26 15:56	1
Total Dissolved Solids (SM 2540C - 2015)	**86**		10	10	mg/L			02/18/26 15:45	1
Sulfide (SM 4500 S2 F-2011)	<1.0		1.0	1.0	mg/L		02/15/26 14:22	02/16/26 12:30	1

Client Sample ID: WAN-AP1-FB-09

Lab Sample ID: 705-57521-11

Date Collected: 02/11/26 15:10
Matrix: Water
Date Received: 02/12/26 11:48

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.98		1.0	0.98	mg/L			02/19/26 02:53	1
Fluoride	**0.095**	**J**	0.20	0.081	mg/L			02/19/26 02:53	1
Sulfate	<0.77		1.0	0.77	mg/L			02/19/26 02:53	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		02/17/26 10:13	02/19/26 10:05	1
Calcium	<0.038		0.10	0.038	mg/L		02/17/26 10:13	02/19/26 10:05	1
Lithium	<0.0037		0.020	0.0037	mg/L		02/17/26 10:13	02/19/26 10:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		02/15/26 12:18	02/17/26 02:28	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		02/15/26 12:18	02/17/26 02:28	1
Barium	**0.00077**	**J**	0.010	0.00041	mg/L		02/15/26 12:18	02/17/26 02:28	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		02/15/26 12:18	02/17/26 02:28	1

Client Sample ID: WAN-AP1-FB-09

Lab Sample ID: 705-57521-11

Date Collected: 02/11/26 15:10
Matrix: Water
Date Received: 02/12/26 11:48

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	<0.00024		0.00070	0.00024	mg/L		02/15/26 12:18	02/17/26 02:28	1
Chromium	<0.0037		0.0050	0.0037	mg/L		02/15/26 12:18	02/17/26 02:28	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		02/15/26 12:18	02/17/26 02:28	1
Iron	<0.018		0.10	0.018	mg/L		02/15/26 12:18	02/18/26 14:49	1
Lead	<0.00086		0.0010	0.00086	mg/L		02/15/26 12:18	02/17/26 02:28	1
Magnesium	<0.016		0.10	0.016	mg/L		02/15/26 12:18	02/18/26 14:49	1
Manganese	<0.0013		0.0050	0.0013	mg/L		02/15/26 12:18	02/18/26 14:49	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		02/15/26 12:18	02/17/26 02:28	1
Potassium	**0.12**		0.10	0.044	mg/L		02/15/26 12:18	02/17/26 02:28	1
Selenium	<0.0023		0.0050	0.0023	mg/L		02/15/26 12:18	02/17/26 02:28	1
Sodium	**0.40**	**J**	0.50	0.25	mg/L		02/15/26 12:18	02/17/26 02:28	1
Thallium	<0.00019		0.0010	0.00019	mg/L		02/15/26 12:18	02/17/26 02:28	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		02/25/26 20:15	02/26/26 01:22	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			02/24/26 15:56	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			02/24/26 15:56	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			02/24/26 15:56	1
Total Dissolved Solids (SM 2540C - 2015)	<10		10	10	mg/L			02/18/26 15:45	1
Sulfide (SM 4500 S2 F-2011)	<1.0		1.0	1.0	mg/L		02/15/26 14:22	02/16/26 12:30	1

Client Sample ID: WAN-AP1-EB-02

Lab Sample ID: 705-57521-12

Date Collected: 02/11/26 12:15
Matrix: Water
Date Received: 02/12/26 11:48

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.98		1.0	0.98	mg/L			02/19/26 03:04	1
Fluoride	**0.094**	**J**	0.20	0.081	mg/L			02/19/26 03:04	1
Sulfate	<0.77		1.0	0.77	mg/L			02/19/26 03:04	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		02/17/26 10:13	02/19/26 10:13	1
Calcium	<0.038		0.10	0.038	mg/L		02/17/26 10:13	02/19/26 10:13	1
Lithium	<0.0037		0.020	0.0037	mg/L		02/17/26 10:13	02/19/26 10:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		02/15/26 12:18	02/17/26 02:31	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		02/15/26 12:18	02/17/26 02:31	1
Barium	<0.00041		0.010	0.00041	mg/L		02/15/26 12:18	02/17/26 02:31	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		02/15/26 12:18	02/17/26 02:31	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		02/15/26 12:18	02/17/26 02:31	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-57521-1

Client Sample ID: WAN-AP1-EB-02

Lab Sample ID: 705-57521-12

Date Collected: 02/11/26 12:15
Date Received: 02/12/26 11:48

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.0037		0.0050	0.0037	mg/L		02/15/26 12:18	02/17/26 02:31	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		02/15/26 12:18	02/17/26 02:31	1
Iron	**0.036**	**J**	0.10	0.018	mg/L		02/15/26 12:18	02/17/26 02:31	1
Lead	<0.00086		0.0010	0.00086	mg/L		02/15/26 12:18	02/17/26 02:31	1
Magnesium	<0.016		0.10	0.016	mg/L		02/15/26 12:18	02/17/26 02:31	1
Manganese	<0.0013		0.0050	0.0013	mg/L		02/15/26 12:18	02/17/26 02:31	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		02/15/26 12:18	02/17/26 02:31	1
Potassium	**0.067**	**J**	0.10	0.044	mg/L		02/15/26 12:18	02/17/26 02:31	1
Selenium	<0.0023		0.0050	0.0023	mg/L		02/15/26 12:18	02/17/26 02:31	1
Sodium	<0.25		0.50	0.25	mg/L		02/15/26 12:18	02/17/26 02:31	1
Thallium	<0.00019		0.0010	0.00019	mg/L		02/15/26 12:18	02/17/26 02:31	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		02/25/26 20:15	02/26/26 01:25	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			02/24/26 15:56	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			02/24/26 15:56	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			02/24/26 15:56	1
Total Dissolved Solids (SM 2540C - 2015)	<10		10	10	mg/L			02/18/26 15:45	1
Sulfide (SM 4500 S2 F-2011)	<1.0		1.0	1.0	mg/L		02/15/26 14:22	02/16/26 12:30	1

Method Summary

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-57521-1

Method	Method Description	Protocol	Laboratory
300.0	Anions, Ion Chromatography	EPA	EET ATL 2
6010D	Metals (ICP)	SW846	EET ATL
6020B	Metals (ICP/MS)	SW846	EET ATL
7470A	Mercury (CVAA)	SW846	EET ATL
2320B-2011	Alkalinity, Total	SM	EET ATL
2540C - 2015	Total Dissolved Solids (Dried at 180 °C)	SM	EET ATL
4500 S2 F-2011	Sulfide, Total	SM	EET ATL
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET ATL
3010A	Preparation, Total Metals	SW846	EET ATL
7470A	Preparation, Mercury	SW846	EET ATL
SM 4500 S2 C	Sulfide, Sample Pretreatment/Concentration	SM	EET ATL

Protocol References:

EPA = US Environmental Protection Agency
SM = "Standard Methods For The Examination Of Water And Wastewater"
SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET ATL = Eurofins Atlanta, 3080 Presidential Dr, Atlanta, GA 30340, TEL (770)457-8177
EET ATL 2 = Eurofins Atlanta Building A, 3080 Presidential Pkwy, Atlanta, GA 30340, TEL (770)457-8177

QC Sample Results

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-57521-1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 705-115179/31
Matrix: Water
Analysis Batch: 115179

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.98		1.0	0.98	mg/L			02/18/26 18:48	1
Fluoride	<0.081		0.20	0.081	mg/L			02/18/26 18:48	1
Sulfate	<0.77		1.0	0.77	mg/L			02/18/26 18:48	1

Lab Sample ID: MB 705-115179/59
Matrix: Water
Analysis Batch: 115179

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.98		1.0	0.98	mg/L			02/19/26 00:34	1
Fluoride	<0.081		0.20	0.081	mg/L			02/19/26 00:34	1
Sulfate	<0.77		1.0	0.77	mg/L			02/19/26 00:34	1

Lab Sample ID: LCS 705-115179/32
Matrix: Water
Analysis Batch: 115179

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	10.5		mg/L		105	90 - 110
Fluoride	5.00	5.44		mg/L		109	90 - 110
Sulfate	25.0	26.0		mg/L		104	90 - 110

Lab Sample ID: LCS 705-115179/60
Matrix: Water
Analysis Batch: 115179

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	10.5		mg/L		105	90 - 110
Fluoride	5.00	5.46		mg/L		109	90 - 110
Sulfate	25.0	26.1		mg/L		104	90 - 110

Lab Sample ID: 705-57300-A-13 MS
Matrix: Water
Analysis Batch: 115179

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	23		10.0	32.9		mg/L		103	90 - 110
Fluoride	0.15	J F1	5.00	6.09	F1	mg/L		119	90 - 110
Sulfate	35		25.0	58.7		mg/L		96	90 - 110

Lab Sample ID: 705-57300-A-13 MSD
Matrix: Water
Analysis Batch: 115179

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	23		10.0	33.2		mg/L		106	90 - 110	1	20
Fluoride	0.15	J F1	5.00	6.08	F1	mg/L		119	90 - 110	0	20
Sulfate	35		25.0	59.4		mg/L		99	90 - 110	1	20

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 705-57521-12 MS
Matrix: Water
Analysis Batch: 115179

Client Sample ID: WAN-AP1-EB-02
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	<0.98		10.0	10.6		mg/L		106	90 - 110
Fluoride	0.094	J	5.00	5.53		mg/L		109	90 - 110
Sulfate	<0.77		25.0	26.3		mg/L		105	90 - 110

Lab Sample ID: 705-57521-12 MSD
Matrix: Water
Analysis Batch: 115179

Client Sample ID: WAN-AP1-EB-02
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	<0.98		10.0	10.5		mg/L		105	90 - 110	0	20
Fluoride	0.094	J	5.00	5.50		mg/L		108	90 - 110	0	20
Sulfate	<0.77		25.0	26.1		mg/L		104	90 - 110	1	20

Lab Sample ID: MB 705-115312/90
Matrix: Water
Analysis Batch: 115312

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.98		1.0	0.98	mg/L			02/19/26 18:14	1
Fluoride	<0.081		0.20	0.081	mg/L			02/19/26 18:14	1
Sulfate	<0.77		1.0	0.77	mg/L			02/19/26 18:14	1

Lab Sample ID: LCS 705-115312/91
Matrix: Water
Analysis Batch: 115312

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	9.40		mg/L		94	90 - 110
Fluoride	5.00	4.90		mg/L		98	90 - 110
Sulfate	25.0	24.9		mg/L		100	90 - 110

Lab Sample ID: 705-57865-A-2 MS
Matrix: Water
Analysis Batch: 115312

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	480		100	532	4	mg/L		48	90 - 110
Fluoride	7.6	F1	50.0	53.9		mg/L		93	90 - 110
Sulfate	20		250	253		mg/L		93	90 - 110

Lab Sample ID: 705-57865-A-2 MSD
Matrix: Water
Analysis Batch: 115312

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	480		100	530	4	mg/L		46	90 - 110	0	20
Fluoride	7.6	F1	50.0	50.9	F1	mg/L		87	90 - 110	6	20
Sulfate	20		250	254		mg/L		94	90 - 110	0	20

QC Sample Results

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-57521-1

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 705-114630/1-A
Matrix: Water
Analysis Batch: 115174

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 114630

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		02/17/26 10:09	02/18/26 14:50	1
Calcium	<0.038		0.10	0.038	mg/L		02/17/26 10:09	02/18/26 14:50	1
Lithium	<0.0037		0.020	0.0037	mg/L		02/17/26 10:09	02/18/26 14:50	1

Lab Sample ID: LCS 705-114630/2-A
Matrix: Water
Analysis Batch: 115174

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 114630

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	1.00	1.04		mg/L		104	80 - 120
Calcium	10.0	10.7		mg/L		107	80 - 120
Lithium	1.00	0.946		mg/L		95	80 - 120

Lab Sample ID: 752-41871-A-7-B MS
Matrix: Water
Analysis Batch: 115174

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 114630

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	<0.026		1.00	1.04		mg/L		104	75 - 125
Calcium	5.6		10.0	16.1		mg/L		105	75 - 125
Lithium	0.0092	J	1.00	0.975		mg/L		97	75 - 125

Lab Sample ID: 752-41871-A-7-C MSD
Matrix: Water
Analysis Batch: 115174

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 114630

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Boron	<0.026		1.00	1.05		mg/L		105	75 - 125	2	20
Calcium	5.6		10.0	16.3		mg/L		107	75 - 125	1	20
Lithium	0.0092	J	1.00	0.989		mg/L		98	75 - 125	1	20

Lab Sample ID: MB 705-114644/1-A
Matrix: Water
Analysis Batch: 115344

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 114644

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		02/17/26 10:13	02/19/26 09:26	1
Calcium	<0.038		0.10	0.038	mg/L		02/17/26 10:13	02/19/26 09:26	1
Lithium	<0.0037		0.020	0.0037	mg/L		02/17/26 10:13	02/19/26 09:26	1

Lab Sample ID: LCS 705-114644/2-A
Matrix: Water
Analysis Batch: 115344

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 114644

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	1.00	1.03		mg/L		103	80 - 120
Calcium	10.0	10.5		mg/L		105	80 - 120
Lithium	1.00	1.02		mg/L		102	80 - 120

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: 400-290060-K-1-B MS
Matrix: Water
Analysis Batch: 115344

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 114644

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	0.13		1.00	1.15		mg/L		102	75 - 125
Calcium	48		10.0	58.0	4	mg/L		102	75 - 125
Lithium	<0.0037		1.00	1.08		mg/L		108	75 - 125

Lab Sample ID: 400-290060-K-1-C MSD
Matrix: Water
Analysis Batch: 115344

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 114644

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Boron	0.13		1.00	1.14		mg/L		102	75 - 125	1	20
Calcium	48		10.0	58.3	4	mg/L		105	75 - 125	1	20
Lithium	<0.0037		1.00	1.08		mg/L		108	75 - 125	0	20

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 705-114321/1-A
Matrix: Water
Analysis Batch: 114787

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 114321

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		02/15/26 12:18	02/17/26 01:08	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		02/15/26 12:18	02/17/26 01:08	1
Barium	<0.00041		0.010	0.00041	mg/L		02/15/26 12:18	02/17/26 01:08	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		02/15/26 12:18	02/17/26 01:08	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		02/15/26 12:18	02/17/26 01:08	1
Chromium	<0.0037		0.0050	0.0037	mg/L		02/15/26 12:18	02/17/26 01:08	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		02/15/26 12:18	02/17/26 01:08	1
Iron	<0.018		0.10	0.018	mg/L		02/15/26 12:18	02/17/26 01:08	1
Lead	<0.00086		0.0010	0.00086	mg/L		02/15/26 12:18	02/17/26 01:08	1
Magnesium	<0.016		0.10	0.016	mg/L		02/15/26 12:18	02/17/26 01:08	1
Manganese	<0.0013		0.0050	0.0013	mg/L		02/15/26 12:18	02/17/26 01:08	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		02/15/26 12:18	02/17/26 01:08	1
Selenium	<0.0023		0.0050	0.0023	mg/L		02/15/26 12:18	02/17/26 01:08	1
Sodium	<0.25		0.50	0.25	mg/L		02/15/26 12:18	02/17/26 01:08	1
Thallium	<0.00019		0.0010	0.00019	mg/L		02/15/26 12:18	02/17/26 01:08	1

Lab Sample ID: MB 705-114321/1-A
Matrix: Water
Analysis Batch: 114806

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 114321

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Potassium	<0.044		0.10	0.044	mg/L		02/15/26 12:18	02/17/26 15:39	1

Lab Sample ID: LCS 705-114321/2-A
Matrix: Water
Analysis Batch: 114787

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 114321

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.100	0.101		mg/L		101	80 - 120
Arsenic	0.100	0.103		mg/L		103	80 - 120

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

Lab Sample ID: LCS 705-114321/2-A
Matrix: Water
Analysis Batch: 114787

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 114321

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Barium	0.100	0.105		mg/L		105	80 - 120
Beryllium	0.100	0.104		mg/L		104	80 - 120
Cadmium	0.100	0.102		mg/L		102	80 - 120
Chromium	0.100	0.106		mg/L		106	80 - 120
Cobalt	0.100	0.102		mg/L		102	80 - 120
Iron	1.00	1.00		mg/L		100	80 - 120
Lead	0.100	0.109		mg/L		109	80 - 120
Magnesium	1.00	0.978		mg/L		98	80 - 120
Manganese	0.100	0.0975		mg/L		97	80 - 120
Molybdenum	0.100	0.107		mg/L		107	80 - 120
Potassium	1.00	1.12		mg/L		112	80 - 120
Selenium	0.100	0.106		mg/L		106	80 - 120
Sodium	1.00	1.15		mg/L		115	80 - 120
Thallium	0.100	0.112		mg/L		112	80 - 120

Lab Sample ID: 705-57684-H-2-B MS
Matrix: Water
Analysis Batch: 114787

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 114321

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<0.0025		0.100	0.0984		mg/L		98	75 - 125
Arsenic	<0.0013		0.100	0.106		mg/L		106	75 - 125
Barium	0.031		0.100	0.140		mg/L		109	75 - 125
Beryllium	<0.00015		0.100	0.105		mg/L		105	75 - 125
Cadmium	<0.00024		0.100	0.104		mg/L		104	75 - 125
Chromium	<0.0037		0.100	0.103		mg/L		103	75 - 125
Cobalt	0.0026	J	0.100	0.104		mg/L		102	75 - 125
Iron	0.040	J	1.00	1.00		mg/L		96	75 - 125
Lead	<0.00086		0.100	0.105		mg/L		105	75 - 125
Magnesium	4.0	F1	1.00	4.66	F1	mg/L		69	75 - 125
Manganese	3.1		0.100	2.93	4	mg/L		-178	75 - 125
Molybdenum	<0.00069		0.100	0.108		mg/L		108	75 - 125
Potassium	3.3	B	1.00	4.29		mg/L		97	75 - 125
Selenium	<0.0023		0.100	0.109		mg/L		109	75 - 125
Sodium	5.1		1.00	6.05	4	mg/L		96	75 - 125
Thallium	<0.00019		0.100	0.111		mg/L		111	75 - 125

Lab Sample ID: 705-57684-H-2-C MSD
Matrix: Water
Analysis Batch: 114787

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 114321

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	<0.0025		0.100	0.102		mg/L		102	75 - 125	4	20
Arsenic	<0.0013		0.100	0.108		mg/L		108	75 - 125	2	20
Barium	0.031		0.100	0.135		mg/L		104	75 - 125	4	20
Beryllium	<0.00015		0.100	0.103		mg/L		103	75 - 125	2	20
Cadmium	<0.00024		0.100	0.104		mg/L		104	75 - 125	0	20
Chromium	<0.0037		0.100	0.107		mg/L		107	75 - 125	3	20
Cobalt	0.0026	J	0.100	0.107		mg/L		104	75 - 125	2	20

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

Lab Sample ID: 705-57684-H-2-C MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 114787 — **Prep Batch: 114321**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Iron	0.040	J	1.00	1.05		mg/L		101	75 - 125	5	20
Lead	<0.00086		0.100	0.108		mg/L		108	75 - 125	3	20
Magnesium	4.0	F1	1.00	4.89		mg/L		93	75 - 125	5	20
Manganese	3.1		0.100	3.09	4	mg/L		-23	75 - 125	5	20
Molybdenum	<0.00069		0.100	0.110		mg/L		110	75 - 125	2	20
Potassium	3.3	B	1.00	4.44		mg/L		112	75 - 125	3	20
Selenium	<0.0023		0.100	0.109		mg/L		109	75 - 125	0	20
Sodium	5.1		1.00	6.05	4	mg/L		97	75 - 125	0	20
Thallium	<0.00019		0.100	0.112		mg/L		112	75 - 125	1	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 705-116486/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 116620 — **Prep Batch: 116486**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		02/25/26 14:03	02/25/26 18:10	1

Lab Sample ID: LCS 705-116486/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 116620 — **Prep Batch: 116486**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00400	0.00403		mg/L		101	80 - 120

Lab Sample ID: 400-290060-K-2-E MS — **Client Sample ID: Matrix Spike**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 116620 — **Prep Batch: 116486**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	<0.00017		0.00400	0.00405		mg/L		101	75 - 125

Lab Sample ID: 400-290060-K-2-F MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 116620 — **Prep Batch: 116486**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.00017		0.00400	0.00398		mg/L		99	75 - 125	2	20

Method: 2320B-2011 - Alkalinity, Total

Lab Sample ID: LCS 705-116284/1 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 116284

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Alkalinity as CaCO3	125	136		mg/L		109	90 - 110

Method: 2320B-2011 - Alkalinity, Total (Continued)

Lab Sample ID: 705-58304-C-1 DU — **Client Sample ID: Duplicate**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 116284

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Alkalinity as CaCO3	23		22.7		mg/L		0.6	30
Bicarbonate Alkalinity as CaCO3	23		22.7		mg/L		0.6	30
Carbonate Alkalinity as CaCO3	<3.0		<3.0		mg/L		NC	30

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

Lab Sample ID: MB 705-115001/1 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 115001

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			02/18/26 15:45	1

Lab Sample ID: LCS 705-115001/2 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 115001

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	996	976		mg/L		98	80 - 120

Lab Sample ID: 705-57521-4 DU — **Client Sample ID: WAN-WGWC-21**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 115001

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	590		598		mg/L		1	10

Method: 4500 S2 F-2011 - Sulfide, Total

Lab Sample ID: MB 705-114324/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 114453 — **Prep Batch: 114324**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide	<1.0		1.0	1.0	mg/L		02/15/26 14:22	02/16/26 12:30	1

Lab Sample ID: LCS 705-114324/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 114453 — **Prep Batch: 114324**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfide	20.1	20.0		mg/L		100	90 - 110

Lab Sample ID: 705-57521-4 MS — **Client Sample ID: WAN-WGWC-21**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 114453 — **Prep Batch: 114324**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfide	<1.0	F1	20.1	26.0	F1	mg/L		130	80 - 120

Method: 4500 S2 F-2011 - Sulfide, Total (Continued)

Lab Sample ID: 705-57521-4 MSD
Matrix: Water
Analysis Batch: 114453

Client Sample ID: WAN-WGWC-21
Prep Type: Total/NA
Prep Batch: 114324

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfide	<1.0	F1	20.1	25.2	F1	mg/L		126	80 - 120	3	20

QC Association Summary

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-57521-1

HPLC/IC

Analysis Batch: 115179

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-57521-1	WAN-WGWC-12	Total/NA	Water	300.0	
705-57521-2	WAN-WGWC-17	Total/NA	Water	300.0	
705-57521-3	WAN-WGWC-19	Total/NA	Water	300.0	
705-57521-4	WAN-WGWC-21	Total/NA	Water	300.0	
705-57521-5	WAN-WGWC-22	Total/NA	Water	300.0	
705-57521-6	WAN-WGWC-23	Total/NA	Water	300.0	
705-57521-7	WAN-WGWC-25	Total/NA	Water	300.0	
705-57521-8	WAN-WAMW-2	Total/NA	Water	300.0	
705-57521-9	WAN-AP1-FD-02	Total/NA	Water	300.0	
705-57521-10	WAN-AP1-FD-03	Total/NA	Water	300.0	
705-57521-11	WAN-AP1-FB-09	Total/NA	Water	300.0	
705-57521-12	WAN-AP1-EB-02	Total/NA	Water	300.0	
MB 705-115179/31	Method Blank	Total/NA	Water	300.0	
MB 705-115179/59	Method Blank	Total/NA	Water	300.0	
LCS 705-115179/32	Lab Control Sample	Total/NA	Water	300.0	
LCS 705-115179/60	Lab Control Sample	Total/NA	Water	300.0	
705-57300-A-13 MS	Matrix Spike	Total/NA	Water	300.0	
705-57300-A-13 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0	
705-57521-12 MS	WAN-AP1-EB-02	Total/NA	Water	300.0	
705-57521-12 MSD	WAN-AP1-EB-02	Total/NA	Water	300.0	

Analysis Batch: 115312

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-57521-4	WAN-WGWC-21	Total/NA	Water	300.0	
MB 705-115312/90	Method Blank	Total/NA	Water	300.0	
LCS 705-115312/91	Lab Control Sample	Total/NA	Water	300.0	
705-57865-A-2 MS	Matrix Spike	Total/NA	Water	300.0	
705-57865-A-2 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0	

Metals

Prep Batch: 114321

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-57521-1	WAN-WGWC-12	Total Recoverable	Water	3005A	
705-57521-2	WAN-WGWC-17	Total Recoverable	Water	3005A	
705-57521-3	WAN-WGWC-19	Total Recoverable	Water	3005A	
705-57521-4	WAN-WGWC-21	Total Recoverable	Water	3005A	
705-57521-5	WAN-WGWC-22	Total Recoverable	Water	3005A	
705-57521-6	WAN-WGWC-23	Total Recoverable	Water	3005A	
705-57521-7	WAN-WGWC-25	Total Recoverable	Water	3005A	
705-57521-8	WAN-WAMW-2	Total Recoverable	Water	3005A	
705-57521-9	WAN-AP1-FD-02	Total Recoverable	Water	3005A	
705-57521-10	WAN-AP1-FD-03	Total Recoverable	Water	3005A	
705-57521-11	WAN-AP1-FB-09	Total Recoverable	Water	3005A	
705-57521-12	WAN-AP1-EB-02	Total Recoverable	Water	3005A	
MB 705-114321/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 705-114321/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
705-57684-H-2-B MS	Matrix Spike	Total Recoverable	Water	3005A	
705-57684-H-2-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	3005A	

QC Association Summary

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-57521-1

Metals

Prep Batch: 114630

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-57521-1	WAN-WGWC-12	Total/NA	Water	3010A	
705-57521-2	WAN-WGWC-17	Total/NA	Water	3010A	
705-57521-3	WAN-WGWC-19	Total/NA	Water	3010A	
705-57521-4	WAN-WGWC-21	Total/NA	Water	3010A	
705-57521-5	WAN-WGWC-22	Total/NA	Water	3010A	
705-57521-6	WAN-WGWC-23	Total/NA	Water	3010A	
705-57521-7	WAN-WGWC-25	Total/NA	Water	3010A	
MB 705-114630/1-A	Method Blank	Total/NA	Water	3010A	
LCS 705-114630/2-A	Lab Control Sample	Total/NA	Water	3010A	
752-41871-A-7-B MS	Matrix Spike	Total/NA	Water	3010A	
752-41871-A-7-C MSD	Matrix Spike Duplicate	Total/NA	Water	3010A	

Prep Batch: 114644

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-57521-8	WAN-WAMW-2	Total/NA	Water	3010A	
705-57521-9	WAN-AP1-FD-02	Total/NA	Water	3010A	
705-57521-10	WAN-AP1-FD-03	Total/NA	Water	3010A	
705-57521-11	WAN-AP1-FB-09	Total/NA	Water	3010A	
705-57521-12	WAN-AP1-EB-02	Total/NA	Water	3010A	
MB 705-114644/1-A	Method Blank	Total/NA	Water	3010A	
LCS 705-114644/2-A	Lab Control Sample	Total/NA	Water	3010A	
400-290060-K-1-B MS	Matrix Spike	Total/NA	Water	3010A	
400-290060-K-1-C MSD	Matrix Spike Duplicate	Total/NA	Water	3010A	

Analysis Batch: 114787

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-57521-1	WAN-WGWC-12	Total Recoverable	Water	6020B	114321
705-57521-2	WAN-WGWC-17	Total Recoverable	Water	6020B	114321
705-57521-3	WAN-WGWC-19	Total Recoverable	Water	6020B	114321
705-57521-4	WAN-WGWC-21	Total Recoverable	Water	6020B	114321
705-57521-4	WAN-WGWC-21	Total Recoverable	Water	6020B	114321
705-57521-5	WAN-WGWC-22	Total Recoverable	Water	6020B	114321
705-57521-6	WAN-WGWC-23	Total Recoverable	Water	6020B	114321
705-57521-7	WAN-WGWC-25	Total Recoverable	Water	6020B	114321
705-57521-8	WAN-WAMW-2	Total Recoverable	Water	6020B	114321
705-57521-9	WAN-AP1-FD-02	Total Recoverable	Water	6020B	114321
705-57521-10	WAN-AP1-FD-03	Total Recoverable	Water	6020B	114321
705-57521-11	WAN-AP1-FB-09	Total Recoverable	Water	6020B	114321
705-57521-12	WAN-AP1-EB-02	Total Recoverable	Water	6020B	114321
MB 705-114321/1-A	Method Blank	Total Recoverable	Water	6020B	114321
LCS 705-114321/2-A	Lab Control Sample	Total Recoverable	Water	6020B	114321
705-57684-H-2-B MS	Matrix Spike	Total Recoverable	Water	6020B	114321
705-57684-H-2-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	6020B	114321

Analysis Batch: 114806

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 705-114321/1-A	Method Blank	Total Recoverable	Water	6020B	114321

Analysis Batch: 115129

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-57521-11	WAN-AP1-FB-09	Total Recoverable	Water	6020B	114321

QC Association Summary

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-57521-1

Metals

Analysis Batch: 115174

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-57521-1	WAN-WGWC-12	Total/NA	Water	6010D	114630
705-57521-2	WAN-WGWC-17	Total/NA	Water	6010D	114630
705-57521-3	WAN-WGWC-19	Total/NA	Water	6010D	114630
705-57521-4	WAN-WGWC-21	Total/NA	Water	6010D	114630
705-57521-5	WAN-WGWC-22	Total/NA	Water	6010D	114630
705-57521-6	WAN-WGWC-23	Total/NA	Water	6010D	114630
705-57521-7	WAN-WGWC-25	Total/NA	Water	6010D	114630
MB 705-114630/1-A	Method Blank	Total/NA	Water	6010D	114630
LCS 705-114630/2-A	Lab Control Sample	Total/NA	Water	6010D	114630
752-41871-A-7-B MS	Matrix Spike	Total/NA	Water	6010D	114630
752-41871-A-7-C MSD	Matrix Spike Duplicate	Total/NA	Water	6010D	114630

Analysis Batch: 115344

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-57521-8	WAN-WAMW-2	Total/NA	Water	6010D	114644
705-57521-9	WAN-AP1-FD-02	Total/NA	Water	6010D	114644
705-57521-10	WAN-AP1-FD-03	Total/NA	Water	6010D	114644
705-57521-11	WAN-AP1-FB-09	Total/NA	Water	6010D	114644
705-57521-12	WAN-AP1-EB-02	Total/NA	Water	6010D	114644
MB 705-114644/1-A	Method Blank	Total/NA	Water	6010D	114644
LCS 705-114644/2-A	Lab Control Sample	Total/NA	Water	6010D	114644
400-290060-K-1-B MS	Matrix Spike	Total/NA	Water	6010D	114644
400-290060-K-1-C MSD	Matrix Spike Duplicate	Total/NA	Water	6010D	114644

Prep Batch: 116486

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-57521-1	WAN-WGWC-12	Total/NA	Water	7470A	
705-57521-2	WAN-WGWC-17	Total/NA	Water	7470A	
705-57521-3	WAN-WGWC-19	Total/NA	Water	7470A	
705-57521-4	WAN-WGWC-21	Total/NA	Water	7470A	
705-57521-5	WAN-WGWC-22	Total/NA	Water	7470A	
705-57521-6	WAN-WGWC-23	Total/NA	Water	7470A	
705-57521-7	WAN-WGWC-25	Total/NA	Water	7470A	
705-57521-8	WAN-WAMW-2	Total/NA	Water	7470A	
705-57521-9	WAN-AP1-FD-02	Total/NA	Water	7470A	
705-57521-10	WAN-AP1-FD-03	Total/NA	Water	7470A	
705-57521-11	WAN-AP1-FB-09	Total/NA	Water	7470A	
705-57521-12	WAN-AP1-EB-02	Total/NA	Water	7470A	
MB 705-116486/1-A	Method Blank	Total/NA	Water	7470A	
LCS 705-116486/2-A	Lab Control Sample	Total/NA	Water	7470A	
400-290060-K-2-E MS	Matrix Spike	Total/NA	Water	7470A	
400-290060-K-2-F MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	

Analysis Batch: 116620

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 705-116486/1-A	Method Blank	Total/NA	Water	7470A	116486
LCS 705-116486/2-A	Lab Control Sample	Total/NA	Water	7470A	116486
400-290060-K-2-E MS	Matrix Spike	Total/NA	Water	7470A	116486
400-290060-K-2-F MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	116486

QC Association Summary

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-57521-1

Metals

Analysis Batch: 116800

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-57521-1	WAN-WGWC-12	Total/NA	Water	7470A	116486
705-57521-2	WAN-WGWC-17	Total/NA	Water	7470A	116486
705-57521-3	WAN-WGWC-19	Total/NA	Water	7470A	116486
705-57521-4	WAN-WGWC-21	Total/NA	Water	7470A	116486
705-57521-5	WAN-WGWC-22	Total/NA	Water	7470A	116486
705-57521-6	WAN-WGWC-23	Total/NA	Water	7470A	116486
705-57521-7	WAN-WGWC-25	Total/NA	Water	7470A	116486
705-57521-8	WAN-WAMW-2	Total/NA	Water	7470A	116486
705-57521-9	WAN-AP1-FD-02	Total/NA	Water	7470A	116486
705-57521-10	WAN-AP1-FD-03	Total/NA	Water	7470A	116486
705-57521-11	WAN-AP1-FB-09	Total/NA	Water	7470A	116486
705-57521-12	WAN-AP1-EB-02	Total/NA	Water	7470A	116486

General Chemistry

Prep Batch: 114324

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-57521-1	WAN-WGWC-12	Total/NA	Water	SM 4500 S2 C	
705-57521-2	WAN-WGWC-17	Total/NA	Water	SM 4500 S2 C	
705-57521-3	WAN-WGWC-19	Total/NA	Water	SM 4500 S2 C	
705-57521-4	WAN-WGWC-21	Total/NA	Water	SM 4500 S2 C	
705-57521-5	WAN-WGWC-22	Total/NA	Water	SM 4500 S2 C	
705-57521-6	WAN-WGWC-23	Total/NA	Water	SM 4500 S2 C	
705-57521-7	WAN-WGWC-25	Total/NA	Water	SM 4500 S2 C	
705-57521-8	WAN-WAMW-2	Total/NA	Water	SM 4500 S2 C	
705-57521-9	WAN-AP1-FD-02	Total/NA	Water	SM 4500 S2 C	
705-57521-10	WAN-AP1-FD-03	Total/NA	Water	SM 4500 S2 C	
705-57521-11	WAN-AP1-FB-09	Total/NA	Water	SM 4500 S2 C	
705-57521-12	WAN-AP1-EB-02	Total/NA	Water	SM 4500 S2 C	
MB 705-114324/1-A	Method Blank	Total/NA	Water	SM 4500 S2 C	
LCS 705-114324/2-A	Lab Control Sample	Total/NA	Water	SM 4500 S2 C	
705-57521-4 MS	WAN-WGWC-21	Total/NA	Water	SM 4500 S2 C	
705-57521-4 MSD	WAN-WGWC-21	Total/NA	Water	SM 4500 S2 C	

Analysis Batch: 114453

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-57521-1	WAN-WGWC-12	Total/NA	Water	4500 S2 F-2011	114324
705-57521-2	WAN-WGWC-17	Total/NA	Water	4500 S2 F-2011	114324
705-57521-3	WAN-WGWC-19	Total/NA	Water	4500 S2 F-2011	114324
705-57521-4	WAN-WGWC-21	Total/NA	Water	4500 S2 F-2011	114324
705-57521-5	WAN-WGWC-22	Total/NA	Water	4500 S2 F-2011	114324
705-57521-6	WAN-WGWC-23	Total/NA	Water	4500 S2 F-2011	114324
705-57521-7	WAN-WGWC-25	Total/NA	Water	4500 S2 F-2011	114324
705-57521-8	WAN-WAMW-2	Total/NA	Water	4500 S2 F-2011	114324
705-57521-9	WAN-AP1-FD-02	Total/NA	Water	4500 S2 F-2011	114324
705-57521-10	WAN-AP1-FD-03	Total/NA	Water	4500 S2 F-2011	114324
705-57521-11	WAN-AP1-FB-09	Total/NA	Water	4500 S2 F-2011	114324
705-57521-12	WAN-AP1-EB-02	Total/NA	Water	4500 S2 F-2011	114324
MB 705-114324/1-A	Method Blank	Total/NA	Water	4500 S2 F-2011	114324
LCS 705-114324/2-A	Lab Control Sample	Total/NA	Water	4500 S2 F-2011	114324
705-57521-4 MS	WAN-WGWC-21	Total/NA	Water	4500 S2 F-2011	114324

General Chemistry (Continued)

Analysis Batch: 114453 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-57521-4 MSD	WAN-WGWC-21	Total/NA	Water	4500 S2 F-2011	114324

Analysis Batch: 115001

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-57521-1	WAN-WGWC-12	Total/NA	Water	2540C - 2015	
705-57521-2	WAN-WGWC-17	Total/NA	Water	2540C - 2015	
705-57521-3	WAN-WGWC-19	Total/NA	Water	2540C - 2015	
705-57521-4	WAN-WGWC-21	Total/NA	Water	2540C - 2015	
705-57521-5	WAN-WGWC-22	Total/NA	Water	2540C - 2015	
705-57521-6	WAN-WGWC-23	Total/NA	Water	2540C - 2015	
705-57521-7	WAN-WGWC-25	Total/NA	Water	2540C - 2015	
705-57521-8	WAN-WAMW-2	Total/NA	Water	2540C - 2015	
705-57521-9	WAN-AP1-FD-02	Total/NA	Water	2540C - 2015	
705-57521-10	WAN-AP1-FD-03	Total/NA	Water	2540C - 2015	
705-57521-11	WAN-AP1-FB-09	Total/NA	Water	2540C - 2015	
705-57521-12	WAN-AP1-EB-02	Total/NA	Water	2540C - 2015	
MB 705-115001/1	Method Blank	Total/NA	Water	2540C - 2015	
LCS 705-115001/2	Lab Control Sample	Total/NA	Water	2540C - 2015	
705-57521-4 DU	WAN-WGWC-21	Total/NA	Water	2540C - 2015	

Analysis Batch: 116284

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-57521-1	WAN-WGWC-12	Total/NA	Water	2320B-2011	
705-57521-2	WAN-WGWC-17	Total/NA	Water	2320B-2011	
705-57521-3	WAN-WGWC-19	Total/NA	Water	2320B-2011	
705-57521-4	WAN-WGWC-21	Total/NA	Water	2320B-2011	
705-57521-5	WAN-WGWC-22	Total/NA	Water	2320B-2011	
705-57521-6	WAN-WGWC-23	Total/NA	Water	2320B-2011	
705-57521-7	WAN-WGWC-25	Total/NA	Water	2320B-2011	
705-57521-8	WAN-WAMW-2	Total/NA	Water	2320B-2011	
705-57521-9	WAN-AP1-FD-02	Total/NA	Water	2320B-2011	
705-57521-10	WAN-AP1-FD-03	Total/NA	Water	2320B-2011	
LCS 705-116284/1	Lab Control Sample	Total/NA	Water	2320B-2011	
705-58304-C-1 DU	Duplicate	Total/NA	Water	2320B-2011	

Analysis Batch: 116294

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-57521-11	WAN-AP1-FB-09	Total/NA	Water	2320B-2011	
705-57521-12	WAN-AP1-EB-02	Total/NA	Water	2320B-2011	

Lab Chronicle

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-57521-1

Client Sample ID: WAN-WGWC-12

Lab Sample ID: 705-57521-1
Matrix: Water

Date Collected: 02/11/26 11:25
Date Received: 02/12/26 11:48

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	115179	MS	EET ATL 2	02/19/26 01:32
Total/NA	Prep	3010A			114630	SA	EET ATL	02/17/26 10:09
Total/NA	Analysis	6010D		1	115174	MT	EET ATL	02/18/26 16:13
Total Recoverable	Prep	3005A			114321	TR	EET ATL	02/15/26 12:18
Total Recoverable	Analysis	6020B		1	114787	IF	EET ATL	02/17/26 02:10
Total/NA	Prep	7470A			116486	TA	EET ATL	02/25/26 20:15
Total/NA	Analysis	7470A		1	116800	TA	EET ATL	02/26/26 00:37
Total/NA	Analysis	2320B-2011		1	116284	AH	EET ATL	02/24/26 15:56
Total/NA	Analysis	2540C - 2015		1	115001	NN	EET ATL	02/18/26 15:45
Total/NA	Prep	SM 4500 S2 C			114324	GT	EET ATL	02/15/26 14:22
Total/NA	Analysis	4500 S2 F-2011		1	114453	GD	EET ATL	02/16/26 12:30

Client Sample ID: WAN-WGWC-17

Lab Sample ID: 705-57521-2
Matrix: Water

Date Collected: 02/11/26 13:41
Date Received: 02/12/26 11:48

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	115179	MS	EET ATL 2	02/19/26 00:11
Total/NA	Prep	3010A			114630	SA	EET ATL	02/17/26 10:09
Total/NA	Analysis	6010D		1	115174	MT	EET ATL	02/18/26 16:01
Total Recoverable	Prep	3005A			114321	TR	EET ATL	02/15/26 12:18
Total Recoverable	Analysis	6020B		1	114787	IF	EET ATL	02/17/26 01:30
Total/NA	Prep	7470A			116486	TA	EET ATL	02/25/26 20:15
Total/NA	Analysis	7470A		1	116800	TA	EET ATL	02/26/26 00:40
Total/NA	Analysis	2320B-2011		1	116284	AH	EET ATL	02/24/26 15:56
Total/NA	Analysis	2540C - 2015		1	115001	NN	EET ATL	02/18/26 15:45
Total/NA	Prep	SM 4500 S2 C			114324	GT	EET ATL	02/15/26 14:22
Total/NA	Analysis	4500 S2 F-2011		1	114453	GD	EET ATL	02/16/26 12:30

Client Sample ID: WAN-WGWC-19

Lab Sample ID: 705-57521-3
Matrix: Water

Date Collected: 02/11/26 14:50
Date Received: 02/12/26 11:48

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	115179	MS	EET ATL 2	02/19/26 00:23
Total/NA	Prep	3010A			114630	SA	EET ATL	02/17/26 10:09
Total/NA	Analysis	6010D		1	115174	MT	EET ATL	02/18/26 16:04
Total Recoverable	Prep	3005A			114321	TR	EET ATL	02/15/26 12:18
Total Recoverable	Analysis	6020B		1	114787	IF	EET ATL	02/17/26 01:33
Total/NA	Prep	7470A			116486	TA	EET ATL	02/25/26 20:15
Total/NA	Analysis	7470A		1	116800	TA	EET ATL	02/26/26 00:44
Total/NA	Analysis	2320B-2011		1	116284	AH	EET ATL	02/24/26 15:56
Total/NA	Analysis	2540C - 2015		1	115001	NN	EET ATL	02/18/26 15:45

Lab Chronicle

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-57521-1

Client Sample ID: WAN-WGWC-19

Lab Sample ID: 705-57521-3
Date Collected: 02/11/26 14:50
Matrix: Water
Date Received: 02/12/26 11:48

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	SM 4500 S2 C			114324	GT	EET ATL	02/15/26 14:22
Total/NA	Analysis	4500 S2 F-2011		1	114453	GD	EET ATL	02/16/26 12:30

Client Sample ID: WAN-WGWC-21

Lab Sample ID: 705-57521-4
Date Collected: 02/11/26 16:54
Matrix: Water
Date Received: 02/12/26 11:48

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		10	115312	MS	EET ATL	02/19/26 19:34
Total/NA	Analysis	300.0		1	115179	MS	EET ATL 2	02/19/26 00:00
Total/NA	Prep	3010A			114630	SA	EET ATL	02/17/26 10:09
Total/NA	Analysis	6010D		1	115174	MT	EET ATL	02/18/26 15:58
Total Recoverable	Prep	3005A			114321	TR	EET ATL	02/15/26 12:18
Total Recoverable	Analysis	6020B		1	114787	IF	EET ATL	02/17/26 01:24
Total Recoverable	Prep	3005A			114321	TR	EET ATL	02/15/26 12:18
Total Recoverable	Analysis	6020B		5	114787	IF	EET ATL	02/17/26 01:27
Total/NA	Prep	7470A			116486	TA	EET ATL	02/25/26 20:15
Total/NA	Analysis	7470A		1	116800	TA	EET ATL	02/26/26 00:47
Total/NA	Analysis	2320B-2011		1	116284	AH	EET ATL	02/24/26 15:56
Total/NA	Analysis	2540C - 2015		1	115001	NN	EET ATL	02/18/26 15:45
Total/NA	Prep	SM 4500 S2 C			114324	GT	EET ATL	02/15/26 14:22
Total/NA	Analysis	4500 S2 F-2011		1	114453	GD	EET ATL	02/16/26 12:30

Client Sample ID: WAN-WGWC-22

Lab Sample ID: 705-57521-5
Date Collected: 02/11/26 15:30
Matrix: Water
Date Received: 02/12/26 11:48

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	115179	MS	EET ATL 2	02/19/26 01:44
Total/NA	Prep	3010A			114630	SA	EET ATL	02/17/26 10:09
Total/NA	Analysis	6010D		1	115174	MT	EET ATL	02/18/26 16:16
Total Recoverable	Prep	3005A			114321	TR	EET ATL	02/15/26 12:18
Total Recoverable	Analysis	6020B		1	114787	IF	EET ATL	02/17/26 02:12
Total/NA	Prep	7470A			116486	TA	EET ATL	02/25/26 20:15
Total/NA	Analysis	7470A		1	116800	TA	EET ATL	02/26/26 00:51
Total/NA	Analysis	2320B-2011		1	116284	AH	EET ATL	02/24/26 15:56
Total/NA	Analysis	2540C - 2015		1	115001	NN	EET ATL	02/18/26 15:45
Total/NA	Prep	SM 4500 S2 C			114324	GT	EET ATL	02/15/26 14:22
Total/NA	Analysis	4500 S2 F-2011		1	114453	GD	EET ATL	02/16/26 12:30

Lab Chronicle

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-57521-1

Client Sample ID: WAN-WGWC-23

Lab Sample ID: 705-57521-6
Date Collected: 02/11/26 12:24
Matrix: Water
Date Received: 02/12/26 11:48

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	115179	MS	EET ATL 2	02/19/26 01:55
Total/NA	Prep	3010A			114630	SA	EET ATL	02/17/26 10:09
Total/NA	Analysis	6010D		1	115174	MT	EET ATL	02/18/26 16:19
Total Recoverable	Prep	3005A			114321	TR	EET ATL	02/15/26 12:18
Total Recoverable	Analysis	6020B		1	114787	IF	EET ATL	02/17/26 02:15
Total/NA	Prep	7470A			116486	TA	EET ATL	02/25/26 20:15
Total/NA	Analysis	7470A		1	116800	TA	EET ATL	02/26/26 00:54
Total/NA	Analysis	2320B-2011		1	116284	AH	EET ATL	02/24/26 15:56
Total/NA	Analysis	2540C - 2015		1	115001	NN	EET ATL	02/18/26 15:45
Total/NA	Prep	SM 4500 S2 C			114324	GT	EET ATL	02/15/26 14:22
Total/NA	Analysis	4500 S2 F-2011		1	114453	GD	EET ATL	02/16/26 12:30

Client Sample ID: WAN-WGWC-25

Lab Sample ID: 705-57521-7
Date Collected: 02/11/26 13:10
Matrix: Water
Date Received: 02/12/26 11:48

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	115179	MS	EET ATL 2	02/19/26 02:07
Total/NA	Prep	3010A			114630	SA	EET ATL	02/17/26 10:09
Total/NA	Analysis	6010D		1	115174	MT	EET ATL	02/18/26 16:22
Total Recoverable	Prep	3005A			114321	TR	EET ATL	02/15/26 12:18
Total Recoverable	Analysis	6020B		1	114787	IF	EET ATL	02/17/26 02:18
Total/NA	Prep	7470A			116486	TA	EET ATL	02/25/26 20:15
Total/NA	Analysis	7470A		1	116800	TA	EET ATL	02/26/26 00:58
Total/NA	Analysis	2320B-2011		1	116284	AH	EET ATL	02/24/26 15:56
Total/NA	Analysis	2540C - 2015		1	115001	NN	EET ATL	02/18/26 15:45
Total/NA	Prep	SM 4500 S2 C			114324	GT	EET ATL	02/15/26 14:22
Total/NA	Analysis	4500 S2 F-2011		1	114453	GD	EET ATL	02/16/26 12:30

Client Sample ID: WAN-WAMW-2

Lab Sample ID: 705-57521-8
Date Collected: 02/11/26 13:16
Matrix: Water
Date Received: 02/12/26 11:48

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	115179	MS	EET ATL 2	02/19/26 02:18
Total/NA	Prep	3010A			114644	SA	EET ATL	02/17/26 10:13
Total/NA	Analysis	6010D		1	115344	DS	EET ATL	02/19/26 09:56
Total Recoverable	Prep	3005A			114321	TR	EET ATL	02/15/26 12:18
Total Recoverable	Analysis	6020B		1	114787	IF	EET ATL	02/17/26 02:20
Total/NA	Prep	7470A			116486	TA	EET ATL	02/25/26 20:15
Total/NA	Analysis	7470A		1	116800	TA	EET ATL	02/26/26 01:01
Total/NA	Analysis	2320B-2011		1	116284	AH	EET ATL	02/24/26 15:56
Total/NA	Analysis	2540C - 2015		1	115001	NN	EET ATL	02/18/26 15:45

Lab Chronicle

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-57521-1

Client Sample ID: WAN-WAMW-2

Lab Sample ID: 705-57521-8
Date Collected: 02/11/26 13:16
Matrix: Water
Date Received: 02/12/26 11:48

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	SM 4500 S2 C			114324	GT	EET ATL	02/15/26 14:22
Total/NA	Analysis	4500 S2 F-2011		1	114453	GD	EET ATL	02/16/26 12:30

Client Sample ID: WAN-AP1-FD-02

Lab Sample ID: 705-57521-9
Date Collected: 02/11/26 00:00
Matrix: Water
Date Received: 02/12/26 11:48

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	115179	MS	EET ATL 2	02/19/26 02:30
Total/NA	Prep	3010A			114644	SA	EET ATL	02/17/26 10:13
Total/NA	Analysis	6010D		1	115344	DS	EET ATL	02/19/26 09:59
Total Recoverable	Prep	3005A			114321	TR	EET ATL	02/15/26 12:18
Total Recoverable	Analysis	6020B		1	114787	IF	EET ATL	02/17/26 02:23
Total/NA	Prep	7470A			116486	TA	EET ATL	02/25/26 20:15
Total/NA	Analysis	7470A		1	116800	TA	EET ATL	02/26/26 01:04
Total/NA	Analysis	2320B-2011		1	116284	AH	EET ATL	02/24/26 15:56
Total/NA	Analysis	2540C - 2015		1	115001	NN	EET ATL	02/18/26 15:45
Total/NA	Prep	SM 4500 S2 C			114324	GT	EET ATL	02/15/26 14:22
Total/NA	Analysis	4500 S2 F-2011		1	114453	GD	EET ATL	02/16/26 12:30

Client Sample ID: WAN-AP1-FD-03

Lab Sample ID: 705-57521-10
Date Collected: 02/11/26 00:00
Matrix: Water
Date Received: 02/12/26 11:48

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	115179	MS	EET ATL 2	02/19/26 02:41
Total/NA	Prep	3010A			114644	SA	EET ATL	02/17/26 10:13
Total/NA	Analysis	6010D		1	115344	DS	EET ATL	02/19/26 10:02
Total Recoverable	Prep	3005A			114321	TR	EET ATL	02/15/26 12:18
Total Recoverable	Analysis	6020B		1	114787	IF	EET ATL	02/17/26 02:26
Total/NA	Prep	7470A			116486	TA	EET ATL	02/25/26 20:15
Total/NA	Analysis	7470A		1	116800	TA	EET ATL	02/26/26 01:08
Total/NA	Analysis	2320B-2011		1	116284	AH	EET ATL	02/24/26 15:56
Total/NA	Analysis	2540C - 2015		1	115001	NN	EET ATL	02/18/26 15:45
Total/NA	Prep	SM 4500 S2 C			114324	GT	EET ATL	02/15/26 14:22
Total/NA	Analysis	4500 S2 F-2011		1	114453	GD	EET ATL	02/16/26 12:30

Client Sample ID: WAN-AP1-FB-09

Lab Sample ID: 705-57521-11
Date Collected: 02/11/26 15:10
Matrix: Water
Date Received: 02/12/26 11:48

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	115179	MS	EET ATL 2	02/19/26 02:53
Total/NA	Prep	3010A			114644	SA	EET ATL	02/17/26 10:13
Total/NA	Analysis	6010D		1	115344	DS	EET ATL	02/19/26 10:05

Lab Chronicle

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-57521-1

Client Sample ID: WAN-AP1-FB-09

Lab Sample ID: 705-57521-11
Date Collected: 02/11/26 15:10
Matrix: Water
Date Received: 02/12/26 11:48

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			114321	TR	EET ATL	02/15/26 12:18
Total Recoverable	Analysis	6020B		1	114787	IF	EET ATL	02/17/26 02:28
Total Recoverable	Prep	3005A			114321	TR	EET ATL	02/15/26 12:18
Total Recoverable	Analysis	6020B		1	115129	IF	EET ATL	02/18/26 14:49
Total/NA	Prep	7470A			116486	TA	EET ATL	02/25/26 20:15
Total/NA	Analysis	7470A		1	116800	TA	EET ATL	02/26/26 01:22
Total/NA	Analysis	2320B-2011		1	116294	AH	EET ATL	02/24/26 15:56
Total/NA	Analysis	2540C - 2015		1	115001	NN	EET ATL	02/18/26 15:45
Total/NA	Prep	SM 4500 S2 C			114324	GT	EET ATL	02/15/26 14:22
Total/NA	Analysis	4500 S2 F-2011		1	114453	GD	EET ATL	02/16/26 12:30

Client Sample ID: WAN-AP1-EB-02

Lab Sample ID: 705-57521-12
Date Collected: 02/11/26 12:15
Matrix: Water
Date Received: 02/12/26 11:48

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	115179	MS	EET ATL 2	02/19/26 03:04
Total/NA	Prep	3010A			114644	SA	EET ATL	02/17/26 10:13
Total/NA	Analysis	6010D		1	115344	DS	EET ATL	02/19/26 10:13
Total Recoverable	Prep	3005A			114321	TR	EET ATL	02/15/26 12:18
Total Recoverable	Analysis	6020B		1	114787	IF	EET ATL	02/17/26 02:31
Total/NA	Prep	7470A			116486	TA	EET ATL	02/25/26 20:15
Total/NA	Analysis	7470A		1	116800	TA	EET ATL	02/26/26 01:25
Total/NA	Analysis	2320B-2011		1	116294	AH	EET ATL	02/24/26 15:56
Total/NA	Analysis	2540C - 2015		1	115001	NN	EET ATL	02/18/26 15:45
Total/NA	Prep	SM 4500 S2 C			114324	GT	EET ATL	02/15/26 14:22
Total/NA	Analysis	4500 S2 F-2011		1	114453	GD	EET ATL	02/16/26 12:30

Laboratory References:

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

EET ATL 2 = Eurofins Atlanta Building A, 3080 Presidential Pkwy, Atlanta, GA 30340, TEL (770)457-8177

Accreditation/Certification Summary

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-57521-1

Laboratory: Eurofins Atlanta

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

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

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Robert (Trey) Singleton
Southern Company
3535 Colonnade Parkway
Bin S 530 EC
Birmingham, Alabama 35243

Generated 4/19/2026 7:56:26 PM Revision 1

JOB DESCRIPTION

Plant Wansley - Ash Pond

JOB NUMBER

705-57521-2

Eurofins Atlanta
3080 Presidential Dr
Atlanta GA 30340

See page two for job notes and contact information.

my EOL

Eurofins Atlanta

Job Notes

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

Authorization

Generated
4/19/2026 7:56:26 PM
Revision 1

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

Sample Summary

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-57521-2

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
705-57521-1	WAN-WGWC-12	Water	02/11/26 11:25	02/12/26 11:48	Georgia (St)
705-57521-2	WAN-WGWC-17	Water	02/11/26 13:41	02/12/26 11:48	Georgia (St)
705-57521-3	WAN-WGWC-19	Water	02/11/26 14:50	02/12/26 11:48	Georgia (St)
705-57521-4	WAN-WGWC-21	Water	02/11/26 16:54	02/12/26 11:48	Georgia (St)
705-57521-5	WAN-WGWC-22	Water	02/11/26 15:30	02/12/26 11:48	Georgia (St)
705-57521-6	WAN-WGWC-23	Water	02/11/26 12:24	02/12/26 11:48	Georgia (St)
705-57521-7	WAN-WGWC-25	Water	02/11/26 13:10	02/12/26 11:48	Georgia (St)
705-57521-8	WAN-WAMW-2	Water	02/11/26 13:16	02/12/26 11:48	Georgia (St)
705-57521-9	WAN-AP1-FD-02	Water	02/11/26 00:00	02/12/26 11:48	Georgia (St)
705-57521-10	WAN-AP1-FD-03	Water	02/11/26 00:00	02/12/26 11:48	Georgia (St)
705-57521-11	WAN-AP1-FB-09	Water	02/11/26 15:10	02/12/26 11:48	Georgia (St)
705-57521-12	WAN-AP1-EB-02	Water	02/11/26 12:15	02/12/26 11:48	Georgia (St)

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

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: ACC H.Auld, D.Johnson, T. Goble	Lab PM: David Fuller / Phone: 770-344-8986	Carrier Tracking No(s):	COC No:
Client Contact: SCS Contacts	Phone: 770-594-5998	E-Mail: David.Fuller@ET.EurofinsUS.com		Page: 1 of 2
Company: GA Power				Job #:
Address: 241 Ralph McGill Blvd SE	Due Date Requested:			
City: Atlanta	TAT Requested (days):			
State, Zip: GA, 30308				
Phone: 404-506-7116(Tel)	Lab Project #: 70504536			
Email: SCS Contacts / Geosyntec Contacts	PO #: GPC82130-0004 / PO Line #1			
Project Name: Plant Wansley Ash Pond	Project #:			
Site:	SSOW#:			

Analysis Requested

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

Task_Code: WAN-CCR-ASSMT-2026S1

Sample Identification	Sample Date (mm/dd/yy)	Sample Time (hhmm)	Sample Type (C=comp, G=grab)	Matrix (WG=ground water, WS=surface water, WQ=quality control)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D - Chloride, Fluoride, Sulfate	2540C_Calcd - Total Dissolved Solids (TDS)	6010D- App III Metals: B, Ca	6020B - App IV Metals: Sb,As,Ba,Be,Cd,Cr,Co,Pb,Mo,Se,Tl	6010D - Lithium	7470A - App IV Mercury	9315_Ra226 - Radium-226 (GFPC) - 21 day decay	9320_Ra228 - Radium-228 (GFPC) - 21 day decay	Ra226Ra228_GFPC - Combined Radium 226 and 228	Major Ions - Carbonate, Bicarbonate, Total Alkalinity	Major Ions - Sulfide	Major Ions - Fe, Mg, Mn, K, Na		Total Number of containers	Special Instructions/Note:
			Preservation Code:				I	I	D	D	D	D	D	D	D	I	B, C	D			
WAN- WGWC-12	02/11/26	1125	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		6	
WAN- WGWC-17	02/11/26	1341	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		6	
WAN- WGWC-19	02/11/26	1450	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		6	
WAN- WGWC-21	02/11/26	1654	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		6	
WAN- WGWC-22	02/11/26	1530	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		6	
WAN- WGWC-23	02/11/26	1224	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		6	
WAN- WGWC-25	02/11/26	1310	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		6	05-57521 COC
WAN- WAMW-2	02/11/26	1316	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		6	
WAN- API-FD-02	02/11/26	~~1310~~ HA	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		6	
WAN- API-FD-03	02/11/26	~~1311~~ HA	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		6	
WAN- API-FB-09	02/11/26	1510	G	WQ	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		6	

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

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

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

Special Instructions/QC Requirements:

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

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	2-12-26/1145	ACC		2/12/26 1145	ACC
	2/12/26 1446	ACC		2-12-26 1446	

Custody Seals Intact: Δ Yes Δ No
Custody Seal No.:
Cooler Temperature(s) °C and Other Remarks: 3.1 1.4 0.3 2.0

Ver: 01/16/2019
4/19/2026 (Rev. 1)

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

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: ACC H. Auld, D. Johnson, T. Goble	Lab PM: David Fuller / Phone: 770-344-8986	Carrier Tracking No(s):	COC No:
Client Contact: SCS Contacts	Phone: 770-594-5998	E-Mail: David.Fuller@ET.EurofinsUS.com		Page: 2 of 2
Company: GA Power				Job #:
Address: 241 Ralph McGill Blvd SE	Due Date Requested:			
City: Atlanta	TAT Requested (days):			
State, Zip: GA, 30308				
Phone: 404-506-7116(Tel)	Lab Project #: 70504536			
Email: SCS Contacts / Geosyntec Contacts	PO #: GPC82130-0004 / PO Line #1			
Project Name: Plant Wansley Ash Pond	Project #:			
Site:	SSOW#:			

Analysis Requested

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

Task_Code: WAN-CCR-ASSMT-2026S1

Sample Identification	Sample Date (mm/dd/yy)	Sample Time (hhmm)	Sample Type (C=Comp, G=grab)	Matrix (WG=ground water, WS=surface water, WQ=quality control)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D - Chloride, Fluoride, Sulfate	2540C_Calcd - Total Dissolved Solids (TDS)	6010D- App III Metals: B, Ca	6020B - App IV Metals: Sb,As,Ba,Be,Cd,Cr,Co,Pb,Mo,Se,Tl	6010D - Lithium	7470A - App IV Mercury	9315_Ra226 - Radium-226 (GFPC) - 21 day decay	9320_Ra228 - Radium-228 (GFPC) - 21 day decay	Ra226Ra228_GFPC - Combined Radium 226 and 228	Major Ions - Carbonate, Bicarbonate, Total Alkalinity	Major Ions - Sulfide	Major Ions - Fe, Mg, Mn, K, Na		Total Number of containers	Special Instructions/Note:
			Preservation Code:				I	I	D	D	D	D	D	D	D	I	B, C	D			
WAN- AP1-EB-02	02/11/26	1215	G	WQ	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		6	
WAN-			G		N	N															
WAN-			G		N	N															
WAN-			G		N	N															
WAN-			G		N	N															
WAN-			G		N	N															
WAN-			G		N	N															
WAN-			G		N	N															
WAN-			G		N	N															
WAN-			G		N	N															
WAN-			G		N	N															

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

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

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

Special Instructions/QC Requirements:

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

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
[signature]	2-12-26/1145	ACC	[signature]	2/12/26 1145	ACC
[signature]	2/12/26 1446	ACC	[signature]	2-12-26 1146	

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 3.1 1.4 0.3 2.0

Ver: 01/16/2019
4/19/2026 (Rev. 1)

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 705-57521-2

Login Number: 57521
List Number: 1
Creator: Gay, Dalton

List Source: Eurofins Atlanta

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

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 705-57521-2

Login Number: 57521
List Number: 2
Creator: Forrest, Cheyenne L

List Source: Eurofins St. Louis
List Creation: 02/17/26 12:19 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
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.	N/A	
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?	N/A	
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").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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

Definitions/Glossary

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-57521-2

Qualifiers

Rad

Qualifier	Qualifier Description
U	Result is less than the sample detection limit.

Glossary

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

Job Narrative
705-57521-2

Revision 1
The report being provided is a revision of the original report sent on 3/18/2026. The report is being revised in order to correct the results for the first and fourth samples in this submittal that were cross-labeled during login.

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

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

Receipt
The samples were received on 2/12/2026 11:48 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 4 coolers at receipt time were 0.3°C, 1.4°C, 2.0°C and 3.1°C.

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

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

Detection Summary

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-57521-2

Client Sample ID: WAN-WGWC-12 — Lab Sample ID: 705-57521-1

No Detections.

Client Sample ID: WAN-WGWC-17 — Lab Sample ID: 705-57521-2

No Detections.

Client Sample ID: WAN-WGWC-19 — Lab Sample ID: 705-57521-3

No Detections.

Client Sample ID: WAN-WGWC-21 — Lab Sample ID: 705-57521-4

No Detections.

Client Sample ID: WAN-WGWC-22 — Lab Sample ID: 705-57521-5

No Detections.

Client Sample ID: WAN-WGWC-23 — Lab Sample ID: 705-57521-6

No Detections.

Client Sample ID: WAN-WGWC-25 — Lab Sample ID: 705-57521-7

No Detections.

Client Sample ID: WAN-WAMW-2 — Lab Sample ID: 705-57521-8

No Detections.

Client Sample ID: WAN-AP1-FD-02 — Lab Sample ID: 705-57521-9

No Detections.

Client Sample ID: WAN-AP1-FD-03 — Lab Sample ID: 705-57521-10

No Detections.

Client Sample ID: WAN-AP1-FB-09 — Lab Sample ID: 705-57521-11

No Detections.

Client Sample ID: WAN-AP1-EB-02 — Lab Sample ID: 705-57521-12

No Detections.

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-57521-2

Client Sample ID: WAN-WGWC-12

Lab Sample ID: 705-57521-1
Matrix: Water

Date Collected: 02/11/26 11:25
Date Received: 02/12/26 11:48

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**0.197**		0.118	0.119	1.00	0.161	pCi/L	02/24/26 07:10	03/18/26 10:07	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*77.8*		*30 - 110*	*02/24/26 07:10*	*03/18/26 10:07*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.518	U	0.524	0.526	1.00	0.848	pCi/L	02/24/26 07:13	03/10/26 11:36	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*77.8*		*30 - 110*	*02/24/26 07:13*	*03/10/26 11:36*	*1*
Y Carrier	*73.6*		*30 - 110*	*02/24/26 07:13*	*03/10/26 11:36*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.714	U	0.537	0.539	5.00	0.848	pCi/L		03/18/26 15:23	1

Client Sample ID: WAN-WGWC-17

Lab Sample ID: 705-57521-2
Matrix: Water

Date Collected: 02/11/26 13:41
Date Received: 02/12/26 11:48

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0404	U	0.0700	0.0701	1.00	0.124	pCi/L	02/24/26 07:10	03/18/26 10:07	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*72.1*		*30 - 110*	*02/24/26 07:10*	*03/18/26 10:07*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.826	U	0.547	0.552	1.00	0.832	pCi/L	02/24/26 07:13	03/10/26 11:36	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*72.1*		*30 - 110*	*02/24/26 07:13*	*03/10/26 11:36*	*1*
Y Carrier	*84.1*		*30 - 110*	*02/24/26 07:13*	*03/10/26 11:36*	*1*

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-57521-2

Client Sample ID: WAN-WGWC-17

Lab Sample ID: 705-57521-2
Matrix: Water

Date Collected: 02/11/26 13:41
Date Received: 02/12/26 11:48

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.866		0.551	0.556	5.00	0.832	pCi/L		03/18/26 15:23	1

Client Sample ID: WAN-WGWC-19

Lab Sample ID: 705-57521-3
Matrix: Water

Date Collected: 02/11/26 14:50
Date Received: 02/12/26 11:48

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.157		0.0918	0.0929	1.00	0.118	pCi/L	02/24/26 07:10	03/18/26 10:07	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*80.6*		*30 - 110*	*02/24/26 07:10*	*03/18/26 10:07*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.234	U	0.408	0.409	1.00	0.699	pCi/L	02/24/26 07:13	03/10/26 11:36	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*80.6*		*30 - 110*	*02/24/26 07:13*	*03/10/26 11:36*	*1*
Y Carrier	*80.4*		*30 - 110*	*02/24/26 07:13*	*03/10/26 11:36*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.390	U	0.418	0.419	5.00	0.699	pCi/L		03/18/26 15:23	1

Client Sample ID: WAN-WGWC-21

Lab Sample ID: 705-57521-4
Matrix: Water

Date Collected: 02/11/26 16:54
Date Received: 02/12/26 11:48

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.777		0.174	0.188	1.00	0.130	pCi/L	02/24/26 07:10	03/18/26 10:07	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*80.3*		*30 - 110*	*02/24/26 07:10*	*03/18/26 10:07*	*1*

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-57521-2

Client Sample ID: WAN-WGWC-21

Lab Sample ID: 705-57521-4
Matrix: Water

Date Collected: 02/11/26 16:54
Date Received: 02/12/26 11:48

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	1.36		0.513	0.528	1.00	0.659	pCi/L	02/24/26 07:13	03/10/26 11:36	1

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	80.3		30 - 110	02/24/26 07:13	03/10/26 11:36	1
Y Carrier	86.0		30 - 110	02/24/26 07:13	03/10/26 11:36	1

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	2.14		0.542	0.560	5.00	0.659	pCi/L		03/18/26 15:23	1

Client Sample ID: WAN-WGWC-22

Lab Sample ID: 705-57521-5
Matrix: Water

Date Collected: 02/11/26 15:30
Date Received: 02/12/26 11:48

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	1.35		0.221	0.252	1.00	0.123	pCi/L	02/24/26 07:10	03/18/26 10:08	1

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	77.8		30 - 110	02/24/26 07:10	03/18/26 10:08	1

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	3.26		0.677	0.740	1.00	0.623	pCi/L	02/24/26 07:13	03/10/26 11:48	1

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	77.8		30 - 110	02/24/26 07:13	03/10/26 11:48	1
Y Carrier	75.1		30 - 110	02/24/26 07:13	03/10/26 11:48	1

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	4.60		0.712	0.782	5.00	0.623	pCi/L		03/18/26 15:23	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-57521-2

Client Sample ID: WAN-WGWC-23

Lab Sample ID: 705-57521-6
Matrix: Water

Date Collected: 02/11/26 12:24
Date Received: 02/12/26 11:48

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**0.210**		0.118	0.119	1.00	0.156	pCi/L	02/24/26 07:10	03/18/26 10:08	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*77.2*		*30 - 110*	*02/24/26 07:10*	*03/18/26 10:08*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.503	U	0.345	0.348	1.00	0.510	pCi/L	02/24/26 07:13	03/10/26 11:48	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*77.2*		*30 - 110*	*02/24/26 07:13*	*03/10/26 11:48*	*1*
Y Carrier	*87.1*		*30 - 110*	*02/24/26 07:13*	*03/10/26 11:48*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	**0.713**		0.365	0.368	5.00	0.510	pCi/L		03/18/26 15:23	1

Client Sample ID: WAN-WGWC-25

Lab Sample ID: 705-57521-7
Matrix: Water

Date Collected: 02/11/26 13:10
Date Received: 02/12/26 11:48

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**0.230**		0.0976	0.0997	1.00	0.104	pCi/L	02/24/26 07:10	03/18/26 10:08	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*89.2*		*30 - 110*	*02/24/26 07:10*	*03/18/26 10:08*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.222	U	0.336	0.337	1.00	0.569	pCi/L	02/24/26 07:13	03/10/26 11:48	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*89.2*		*30 - 110*	*02/24/26 07:13*	*03/10/26 11:48*	*1*
Y Carrier	*80.4*		*30 - 110*	*02/24/26 07:13*	*03/10/26 11:48*	*1*

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-57521-2

Client Sample ID: WAN-WGWC-25

Lab Sample ID: 705-57521-7
Date Collected: 02/11/26 13:10
Matrix: Water
Date Received: 02/12/26 11:48

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.452	U	0.350	0.351	5.00	0.569	pCi/L		03/18/26 15:23	1

Client Sample ID: WAN-WAMW-2

Lab Sample ID: 705-57521-8
Date Collected: 02/11/26 13:16
Matrix: Water
Date Received: 02/12/26 11:48

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**0.557**		0.157	0.165	1.00	0.143	pCi/L	02/24/26 07:10	03/18/26 10:08	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*74.9*		*30 - 110*	*02/24/26 07:10*	*03/18/26 10:08*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**0.831**		0.446	0.453	1.00	0.638	pCi/L	02/24/26 07:13	03/10/26 11:48	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*74.9*		*30 - 110*	*02/24/26 07:13*	*03/10/26 11:48*	*1*
Y Carrier	*84.9*		*30 - 110*	*02/24/26 07:13*	*03/10/26 11:48*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	**1.39**		0.473	0.482	5.00	0.638	pCi/L		03/18/26 15:23	1

Client Sample ID: WAN-AP1-FD-02

Lab Sample ID: 705-57521-9
Date Collected: 02/11/26 00:00
Matrix: Water
Date Received: 02/12/26 11:48

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**0.261**		0.118	0.120	1.00	0.149	pCi/L	02/24/26 07:10	03/18/26 10:08	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*90.0*		*30 - 110*	*02/24/26 07:10*	*03/18/26 10:08*	*1*

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-57521-2

Client Sample ID: WAN-AP1-FD-02

Lab Sample ID: 705-57521-9
Matrix: Water

Date Collected: 02/11/26 00:00
Date Received: 02/12/26 11:48

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**0.599**		0.377	0.381	1.00	0.559	pCi/L	02/24/26 07:13	03/10/26 11:48	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*90.0*		*30 - 110*	*02/24/26 07:13*	*03/10/26 11:48*	*1*
Y Carrier	*82.6*		*30 - 110*	*02/24/26 07:13*	*03/10/26 11:48*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	**0.860**		0.395	0.399	5.00	0.559	pCi/L		03/18/26 15:23	1

Client Sample ID: WAN-AP1-FD-03

Lab Sample ID: 705-57521-10
Matrix: Water

Date Collected: 02/11/26 00:00
Date Received: 02/12/26 11:48

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.133	U	0.113	0.113	1.00	0.172	pCi/L	02/24/26 07:10	03/18/26 10:08	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*76.1*		*30 - 110*	*02/24/26 07:10*	*03/18/26 10:08*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.207	U	0.346	0.347	1.00	0.592	pCi/L	02/24/26 07:13	03/10/26 11:48	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*76.1*		*30 - 110*	*02/24/26 07:13*	*03/10/26 11:48*	*1*
Y Carrier	*88.2*		*30 - 110*	*02/24/26 07:13*	*03/10/26 11:48*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.340	U	0.364	0.365	5.00	0.592	pCi/L		03/18/26 15:23	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-57521-2

Client Sample ID: WAN-AP1-FB-09

Lab Sample ID: 705-57521-11
Matrix: Water

Date Collected: 02/11/26 15:10
Date Received: 02/12/26 11:48

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0557	U	0.0674	0.0676	1.00	0.110	pCi/L	02/24/26 07:10	03/18/26 09:55	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*80.3*		*30 - 110*	*02/24/26 07:10*	*03/18/26 09:55*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.385	U	0.382	0.384	1.00	0.613	pCi/L	02/24/26 07:13	03/10/26 11:48	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*80.3*		*30 - 110*	*02/24/26 07:13*	*03/10/26 11:48*	*1*
Y Carrier	*73.6*		*30 - 110*	*02/24/26 07:13*	*03/10/26 11:48*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.441	U	0.388	0.390	5.00	0.613	pCi/L		03/18/26 15:23	1

Client Sample ID: WAN-AP1-EB-02

Lab Sample ID: 705-57521-12
Matrix: Water

Date Collected: 02/11/26 12:15
Date Received: 02/12/26 11:48

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0640	U	0.0677	0.0680	1.00	0.107	pCi/L	02/24/26 07:10	03/18/26 09:55	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*81.2*		*30 - 110*	*02/24/26 07:10*	*03/18/26 09:55*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	-0.174	U	0.346	0.346	1.00	0.685	pCi/L	02/24/26 07:13	03/10/26 11:48	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*81.2*		*30 - 110*	*02/24/26 07:13*	*03/10/26 11:48*	*1*
Y Carrier	*77.4*		*30 - 110*	*02/24/26 07:13*	*03/10/26 11:48*	*1*

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-57521-2

Client Sample ID: WAN-AP1-EB-02

Lab Sample ID: 705-57521-12

Date Collected: 02/11/26 12:15
Matrix: Water
Date Received: 02/12/26 11:48

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	-0.110	U	0.353	0.353	5.00	0.685	pCi/L		03/18/26 15:23	1

Tracer/Carrier Summary

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-57521-2

Method: 9315 - Radium-226 (GFPC)

Matrix: Water **Prep Type: Total/NA**

		Percent Yield (Acceptance Limits)						
Lab Sample ID	**Client Sample ID**	**Ba (30-110)**						
705-57432-F-9-A DU	Duplicate	81.5						
705-57521-1	WAN-WGWC-12	77.8						
705-57521-2	WAN-WGWC-17	72.1						
705-57521-3	WAN-WGWC-19	80.6						
705-57521-4	WAN-WGWC-21	80.3						
705-57521-5	WAN-WGWC-22	77.8						
705-57521-6	WAN-WGWC-23	77.2						
705-57521-7	WAN-WGWC-25	89.2						
705-57521-8	WAN-WAMW-2	74.9						
705-57521-9	WAN-AP1-FD-02	90.0						
705-57521-10	WAN-AP1-FD-03	76.1						
705-57521-11	WAN-AP1-FB-09	80.3						
705-57521-12	WAN-AP1-EB-02	81.2						
LCS 160-758536/2-A	Lab Control Sample	81.2						
MB 160-758536/1-A	Method Blank	88.9						

Tracer/Carrier Legend

Ba = Ba Carrier

Method: 9320 - Radium-228 (GFPC)

Matrix: Water **Prep Type: Total/NA**

		Percent Yield (Acceptance Limits)						
Lab Sample ID	**Client Sample ID**	**Ba (30-110)**	**Y (30-110)**					
705-57432-F-9-B DU	Duplicate	81.5	84.5					
705-57521-1	WAN-WGWC-12	77.8	73.6					
705-57521-2	WAN-WGWC-17	72.1	84.1					
705-57521-3	WAN-WGWC-19	80.6	80.4					
705-57521-4	WAN-WGWC-21	80.3	86.0					
705-57521-5	WAN-WGWC-22	77.8	75.1					
705-57521-6	WAN-WGWC-23	77.2	87.1					
705-57521-7	WAN-WGWC-25	89.2	80.4					
705-57521-8	WAN-WAMW-2	74.9	84.9					
705-57521-9	WAN-AP1-FD-02	90.0	82.6					
705-57521-10	WAN-AP1-FD-03	76.1	88.2					
705-57521-11	WAN-AP1-FB-09	80.3	73.6					
705-57521-12	WAN-AP1-EB-02	81.2	77.4					
LCS 160-758538/2-A	Lab Control Sample	81.2	80.4					
MB 160-758538/1-A	Method Blank	88.9	84.9					

Tracer/Carrier Legend

Ba = Ba Carrier
Y = Y Carrier

Method Summary

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-57521-2

Method	Method Description	Protocol	Laboratory
9315	Radium-226 (GFPC)	SW846	EET SL
9320	Radium-228 (GFPC)	SW846	EET SL
Ra226_Ra228	Combined Radium-226 and Radium-228	TAL-STL	EET SL
PrecSep_0	Preparation, Precipitate Separation	None	EET SL
PrecSep-21	Preparation, Precipitate Separation (21-Day In-Growth)	None	EET SL

Protocol References:

None = None

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

TAL-STL = TestAmerica Laboratories, St. Louis, Facility Standard Operating Procedure.

Laboratory References:

EET SL = Eurofins St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566

QC Sample Results

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-57521-2

Method: 9315 - Radium-226 (GFPC)

Lab Sample ID: MB 160-758536/1-A
Matrix: Water
Analysis Batch: 761973

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 758536

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.01011	U	0.0591	0.0591	1.00	0.125	pCi/L	02/24/26 07:10	03/18/26 07:57	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*88.9*		*30 - 110*	*02/24/26 07:10*	*03/18/26 07:57*	*1*

Lab Sample ID: LCS 160-758536/2-A
Matrix: Water
Analysis Batch: 761973

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 758536

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-226			9.57	10.50		1.12	1.00	0.164	pCi/L	110	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*81.2*		*30 - 110*

Lab Sample ID: 705-57432-F-9-A DU
Matrix: Water
Analysis Batch: 761973

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 758536

Analyte	Sample Result	Sample Qual		DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit			RER	RER Limit
Radium-226	0.0633	U		0.04600	U	0.0776	1.00	0.135	pCi/L			0.11	1

Carrier	*DU %Yield*	*DU Qualifier*	*Limits*
Ba Carrier	*81.5*		*30 - 110*

Method: 9320 - Radium-228 (GFPC)

Lab Sample ID: MB 160-758538/1-A
Matrix: Water
Analysis Batch: 760744

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 758538

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.5992	U	0.423	0.427	1.00	0.649	pCi/L	02/24/26 07:13	03/10/26 11:35	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*88.9*		*30 - 110*	*02/24/26 07:13*	*03/10/26 11:35*	*1*
Y Carrier	*84.9*		*30 - 110*	*02/24/26 07:13*	*03/10/26 11:35*	*1*

Method: 9320 - Radium-228 (GFPC) (Continued)

Lab Sample ID: LCS 160-758538/2-A
Matrix: Water
Analysis Batch: 760744

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 758538

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-228			9.35	11.26		1.55	1.00	0.723	pCi/L	120	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*81.2*		*30 - 110*
Y Carrier	*80.4*		*30 - 110*

Lab Sample ID: 705-57432-F-9-B DU
Matrix: Water
Analysis Batch: 760744

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 758538

Analyte	Sample Result	Sample Qual		DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit			RER	RER Limit
Radium-228	0.478	U		0.1981	U	0.381	1.00	0.656	pCi/L			0.34	1

Carrier	*DU %Yield*	*DU Qualifier*	*Limits*
Ba Carrier	*81.5*		*30 - 110*
Y Carrier	*84.5*		*30 - 110*

QC Association Summary

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-57521-2

Rad

Prep Batch: 758536

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-57521-1	WAN-WGWC-12	Total/NA	Water	PrecSep-21	
705-57521-2	WAN-WGWC-17	Total/NA	Water	PrecSep-21	
705-57521-3	WAN-WGWC-19	Total/NA	Water	PrecSep-21	
705-57521-4	WAN-WGWC-21	Total/NA	Water	PrecSep-21	
705-57521-5	WAN-WGWC-22	Total/NA	Water	PrecSep-21	
705-57521-6	WAN-WGWC-23	Total/NA	Water	PrecSep-21	
705-57521-7	WAN-WGWC-25	Total/NA	Water	PrecSep-21	
705-57521-8	WAN-WAMW-2	Total/NA	Water	PrecSep-21	
705-57521-9	WAN-AP1-FD-02	Total/NA	Water	PrecSep-21	
705-57521-10	WAN-AP1-FD-03	Total/NA	Water	PrecSep-21	
705-57521-11	WAN-AP1-FB-09	Total/NA	Water	PrecSep-21	
705-57521-12	WAN-AP1-EB-02	Total/NA	Water	PrecSep-21	
MB 160-758536/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-758536/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	
705-57432-F-9-A DU	Duplicate	Total/NA	Water	PrecSep-21	

Prep Batch: 758538

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-57521-1	WAN-WGWC-12	Total/NA	Water	PrecSep_0	
705-57521-2	WAN-WGWC-17	Total/NA	Water	PrecSep_0	
705-57521-3	WAN-WGWC-19	Total/NA	Water	PrecSep_0	
705-57521-4	WAN-WGWC-21	Total/NA	Water	PrecSep_0	
705-57521-5	WAN-WGWC-22	Total/NA	Water	PrecSep_0	
705-57521-6	WAN-WGWC-23	Total/NA	Water	PrecSep_0	
705-57521-7	WAN-WGWC-25	Total/NA	Water	PrecSep_0	
705-57521-8	WAN-WAMW-2	Total/NA	Water	PrecSep_0	
705-57521-9	WAN-AP1-FD-02	Total/NA	Water	PrecSep_0	
705-57521-10	WAN-AP1-FD-03	Total/NA	Water	PrecSep_0	
705-57521-11	WAN-AP1-FB-09	Total/NA	Water	PrecSep_0	
705-57521-12	WAN-AP1-EB-02	Total/NA	Water	PrecSep_0	
MB 160-758538/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-758538/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	
705-57432-F-9-B DU	Duplicate	Total/NA	Water	PrecSep_0	

Lab Chronicle

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-57521-2

Client Sample ID: WAN-WGWC-12

Lab Sample ID: 705-57521-1
Date Collected: 02/11/26 11:25
Matrix: Water
Date Received: 02/12/26 11:48

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			758536	AMS	EET SL	02/24/26 07:10
Total/NA	Analysis	9315		1	761973	SWS	EET SL	03/18/26 10:07
Total/NA	Prep	PrecSep_0			758538	AMS	EET SL	02/24/26 07:13
Total/NA	Analysis	9320		1	760744	SWS	EET SL	03/10/26 11:36
Total/NA	Analysis	Ra226_Ra228		1	761994	FLC	EET SL	03/18/26 15:23

Client Sample ID: WAN-WGWC-17

Lab Sample ID: 705-57521-2
Date Collected: 02/11/26 13:41
Matrix: Water
Date Received: 02/12/26 11:48

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			758536	AMS	EET SL	02/24/26 07:10
Total/NA	Analysis	9315		1	761973	SWS	EET SL	03/18/26 10:07
Total/NA	Prep	PrecSep_0			758538	AMS	EET SL	02/24/26 07:13
Total/NA	Analysis	9320		1	760744	SWS	EET SL	03/10/26 11:36
Total/NA	Analysis	Ra226_Ra228		1	761994	FLC	EET SL	03/18/26 15:23

Client Sample ID: WAN-WGWC-19

Lab Sample ID: 705-57521-3
Date Collected: 02/11/26 14:50
Matrix: Water
Date Received: 02/12/26 11:48

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			758536	AMS	EET SL	02/24/26 07:10
Total/NA	Analysis	9315		1	761973	SWS	EET SL	03/18/26 10:07
Total/NA	Prep	PrecSep_0			758538	AMS	EET SL	02/24/26 07:13
Total/NA	Analysis	9320		1	760744	SWS	EET SL	03/10/26 11:36
Total/NA	Analysis	Ra226_Ra228		1	761994	FLC	EET SL	03/18/26 15:23

Client Sample ID: WAN-WGWC-21

Lab Sample ID: 705-57521-4
Date Collected: 02/11/26 16:54
Matrix: Water
Date Received: 02/12/26 11:48

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			758536	AMS	EET SL	02/24/26 07:10
Total/NA	Analysis	9315		1	761973	SWS	EET SL	03/18/26 10:07
Total/NA	Prep	PrecSep_0			758538	AMS	EET SL	02/24/26 07:13
Total/NA	Analysis	9320		1	760744	SWS	EET SL	03/10/26 11:36
Total/NA	Analysis	Ra226_Ra228		1	761994	FLC	EET SL	03/18/26 15:23

Lab Chronicle

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-57521-2

Client Sample ID: WAN-WGWC-22
Lab Sample ID: 705-57521-5
Date Collected: 02/11/26 15:30
Matrix: Water
Date Received: 02/12/26 11:48

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			758536	AMS	EET SL	02/24/26 07:10
Total/NA	Analysis	9315		1	761973	SWS	EET SL	03/18/26 10:08
Total/NA	Prep	PrecSep_0			758538	AMS	EET SL	02/24/26 07:13
Total/NA	Analysis	9320		1	760720	SWS	EET SL	03/10/26 11:48
Total/NA	Analysis	Ra226_Ra228		1	761994	FLC	EET SL	03/18/26 15:23

Client Sample ID: WAN-WGWC-23
Lab Sample ID: 705-57521-6
Date Collected: 02/11/26 12:24
Matrix: Water
Date Received: 02/12/26 11:48

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			758536	AMS	EET SL	02/24/26 07:10
Total/NA	Analysis	9315		1	761973	SWS	EET SL	03/18/26 10:08
Total/NA	Prep	PrecSep_0			758538	AMS	EET SL	02/24/26 07:13
Total/NA	Analysis	9320		1	760720	SWS	EET SL	03/10/26 11:48
Total/NA	Analysis	Ra226_Ra228		1	761994	FLC	EET SL	03/18/26 15:23

Client Sample ID: WAN-WGWC-25
Lab Sample ID: 705-57521-7
Date Collected: 02/11/26 13:10
Matrix: Water
Date Received: 02/12/26 11:48

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			758536	AMS	EET SL	02/24/26 07:10
Total/NA	Analysis	9315		1	761973	SWS	EET SL	03/18/26 10:08
Total/NA	Prep	PrecSep_0			758538	AMS	EET SL	02/24/26 07:13
Total/NA	Analysis	9320		1	760720	SWS	EET SL	03/10/26 11:48
Total/NA	Analysis	Ra226_Ra228		1	761994	FLC	EET SL	03/18/26 15:23

Client Sample ID: WAN-WAMW-2
Lab Sample ID: 705-57521-8
Date Collected: 02/11/26 13:16
Matrix: Water
Date Received: 02/12/26 11:48

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			758536	AMS	EET SL	02/24/26 07:10
Total/NA	Analysis	9315		1	761973	SWS	EET SL	03/18/26 10:08
Total/NA	Prep	PrecSep_0			758538	AMS	EET SL	02/24/26 07:13
Total/NA	Analysis	9320		1	760720	SWS	EET SL	03/10/26 11:48
Total/NA	Analysis	Ra226_Ra228		1	761994	FLC	EET SL	03/18/26 15:23

Lab Chronicle

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-57521-2

Client Sample ID: WAN-AP1-FD-02
Date Collected: 02/11/26 00:00
Date Received: 02/12/26 11:48

Lab Sample ID: 705-57521-9
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			758536	AMS	EET SL	02/24/26 07:10
Total/NA	Analysis	9315		1	761973	SWS	EET SL	03/18/26 10:08
Total/NA	Prep	PrecSep_0			758538	AMS	EET SL	02/24/26 07:13
Total/NA	Analysis	9320		1	760720	SWS	EET SL	03/10/26 11:48
Total/NA	Analysis	Ra226_Ra228		1	761994	FLC	EET SL	03/18/26 15:23

Client Sample ID: WAN-AP1-FD-03
Date Collected: 02/11/26 00:00
Date Received: 02/12/26 11:48

Lab Sample ID: 705-57521-10
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			758536	AMS	EET SL	02/24/26 07:10
Total/NA	Analysis	9315		1	761973	SWS	EET SL	03/18/26 10:08
Total/NA	Prep	PrecSep_0			758538	AMS	EET SL	02/24/26 07:13
Total/NA	Analysis	9320		1	760720	SWS	EET SL	03/10/26 11:48
Total/NA	Analysis	Ra226_Ra228		1	761994	FLC	EET SL	03/18/26 15:23

Client Sample ID: WAN-AP1-FB-09
Date Collected: 02/11/26 15:10
Date Received: 02/12/26 11:48

Lab Sample ID: 705-57521-11
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			758536	AMS	EET SL	02/24/26 07:10
Total/NA	Analysis	9315		1	761949	SWS	EET SL	03/18/26 09:55
Total/NA	Prep	PrecSep_0			758538	AMS	EET SL	02/24/26 07:13
Total/NA	Analysis	9320		1	760720	SWS	EET SL	03/10/26 11:48
Total/NA	Analysis	Ra226_Ra228		1	761994	FLC	EET SL	03/18/26 15:23

Client Sample ID: WAN-AP1-EB-02
Date Collected: 02/11/26 12:15
Date Received: 02/12/26 11:48

Lab Sample ID: 705-57521-12
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			758536	AMS	EET SL	02/24/26 07:10
Total/NA	Analysis	9315		1	761949	SWS	EET SL	03/18/26 09:55
Total/NA	Prep	PrecSep_0			758538	AMS	EET SL	02/24/26 07:13
Total/NA	Analysis	9320		1	760720	SWS	EET SL	03/10/26 11:48
Total/NA	Analysis	Ra226_Ra228		1	761994	FLC	EET SL	03/18/26 15:23

Laboratory References:

EET SL = Eurofins St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566

Accreditation/Certification Summary

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-57521-2

Laboratory: Eurofins St. Louis

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

Authority	Program	Identification Number	Expiration Date
Florida	NELAP	E87689	06-30-26

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ANALYTICAL REPORT

PREPARED FOR

Attn: Robert (Trey) Singleton
Southern Company
3535 Colonnade Parkway
Bin S 530 EC
Birmingham, Alabama 35243

Generated 3/3/2026 7:24:11 PM

JOB DESCRIPTION

Plant Wansley - Ash Pond

JOB NUMBER

705-57736-1

Eurofins Atlanta
3080 Presidential Dr
Atlanta GA 30340

See page two for job notes and contact information.

my EOL

Eurofins Atlanta

Job Notes

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

Authorization

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3/3/2026 7:24:11 PM

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

Sample Summary

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-57736-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
705-57736-1	WAN-WGWC-28D	Water	02/12/26 12:36	02/13/26 15:55	Georgia
705-57736-2	WAN-PZ-23D	Water	02/12/26 14:40	02/13/26 15:55	Georgia
705-57736-3	WAN-PZ-26D	Water	02/12/26 14:26	02/13/26 15:55	Georgia
705-57736-4	WAN-PZ-31	Water	02/12/26 13:07	02/13/26 15:55	Georgia
705-57736-5	WAN-PZ-32D	Water	02/12/26 12:58	02/13/26 15:55	Georgia
705-57736-6	WAN-PZ-33D	Water	02/12/26 11:11	02/13/26 15:55	Georgia
705-57736-7	WAN-WAMW-1	Water	02/12/26 11:32	02/13/26 15:55	Georgia
705-57736-8	WAN-AP1-FD-08	Water	02/12/26 00:00	02/13/26 15:55	Georgia
705-57736-9	WAN-AP1-FB-14	Water	02/12/26 11:45	02/13/26 15:55	Georgia
705-57736-10	WAN-AP1-EB-03	Water	02/12/26 15:20	02/13/26 15:55	Georgia
705-57736-11	WAN-AP1-EB-08	Water	02/12/26 15:15	02/13/26 15:55	Georgia
705-57736-12	WAN-WGWC-8A	Water	02/13/26 09:30	02/13/26 15:55	Georgia
705-57736-13	WAN-WGWC-9	Water	02/13/26 09:55	02/13/26 15:55	Georgia

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

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: D. Johnson, J. May (ACC)	Lab PM: David Fuller / Phone: 770-344-8986	Carrier Tracking No(s):	COC No:
Client Contact: SCS Contacts	Phone: 770-608-1767	E-Mail: David.Fuller@ET.EurofinsUS.com		Page: 1 of 2
Company: GA Power				Job #:
Address: 241 Ralph McGill Blvd SE	Due Date Requested:			
City: Atlanta	TAT Requested (days):			
State, Zip: GA, 30308				
Phone: 404-506-7116(Tel)	Lab Project #: 70504536			
Email: SCS Contacts / Geosyntec Contacts	PO #: GPC82130-0004 / PO Line #1			
Project Name: Plant Wansley Ash Pond	Project #:			
Site:	SSOW#:			

Analysis Requested

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

Task_Code: WAN-CCR-ASSMT-2026S1

705-57736 COC

Sample Identification	Sample Date (mm/dd/yy)	Sample Time (hhmm)	Sample Type (C=comp, G=grab)	Matrix (WG=ground water, WS=surface water, WQ=quality control)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D - Chloride, Fluoride, Sulfate	2540C_Calcd - Total Dissolved Solids (TDS)	6010D- App III Metals: B, Ca	6020B - App IV Metals: Sb,As,Ba,Be,Cd,Cr,Co,Pb,Mo,Se,Tl	6010D - Lithium	7470A - App IV Mercury	9315_Ra226 - Radium-226 (GFPC) - 21 day decay	9320_Ra228 - Radium-228 (GFPC) - 21 day decay	Ra226Ra228_GFPC - Combined Radium 226 and 228	Major Ions - Carbonate, Bicarbonate, Total Alkalinity	Major Ions - Sulfide	Major Ions - Fe, Mg, Mn, K, Na		Total Number of containers	Special Instructions/Note:
			Preservation Code:				I	I	D	D	D	D	D	D	D	I	B, C	D			
WAN- WGWC-28D	02/12/26	1236	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		6	
WAN- PZ-23D	02/12/26	1440	G	WG	N	N	✓	✓	✓		✓					✓	✓	✓		4	
WAN- PZ-26D	02/12/26	1426	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		6	
WAN- PZ-31	02/12/26	1307	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		6	
WAN- PZ-32D	02/12/26	1258	G	WG	N	N	✓	✓	✓		✓					✓	✓	✓		4	
WAN- PZ-33D	02/12/26	1111	G	WG	N	N	✓	✓	✓		✓					✓	✓	✓		4	
WAN- WAMW-1	02/12/26	1132	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		6	
WAN- API-FD-08	02/12/26	—	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		6	
WAN- API-FB-~~09~~ 14 (15)	02/12/26	~~1510~~ 1145 (65)	G	WQ	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		6	
WAN- API-EB-03	02/12/26	1520	G	WQ	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		6	
WAN- API-EB-08	02/12/26	1515	G	WQ	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		6	

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

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

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

Special Instructions/QC Requirements:

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

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
[signature]	2/13/26 1554	ACI	[signature]	2.13.26 1555	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: #2665 1.0 2.0 0.9 1.3

Ver: 01/16/2019

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

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: D. Johnson, J. May (ACC)	Lab PM: David Fuller / Phone: 770-344-8986	Carrier Tracking No(s):	COC No:
Client Contact: SCS Contacts	Phone: 770-608-1767	E-Mail: David.Fuller@ET.EurofinsUS.com		Page: 2 of 2
Company: GA Power				Job #:
Address: 241 Ralph McGill Blvd SE	Due Date Requested:			
City: Atlanta	TAT Requested (days):			
State, Zip: GA, 30308				
Phone: 404-506-7116(Tel)	Lab Project #: 70504536			
Email: SCS Contacts / Geosyntec Contacts	PO #: GPC82130-0004 / PO Line #1			
Project Name: Plant Wansley Ash Pond	Project #:			
Site:	SSOW#:			

Analysis Requested

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

Task_Code: WAN-CCR-ASSMT-2026S1

Sample Identification	Sample Date (mm/dd/yy)	Sample Time (hhmm)	Sample Type (C=comp, G=grab)	Matrix (WG=ground water, WS=surface water, WQ=quality control)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D - Chloride, Fluoride, Sulfate	2540C_Calcd - Total Dissolved Solids (TDS)	6010D- App III Metals: B, Ca	6020B - App IV Metals: Sb,As,Ba,Be,Cd,Cr,Co,Pb,Mo,Se,Tl	6010D - Lithium	7470A - App IV Mercury	9315_Ra226 - Radium-226 (GFPC) - 21 day decay	9320_Ra228 - Radium-228 (GFPC) - 21 day decay	Ra226Ra228_GFPC - Combined Radium 226 and 228	Major Ions - Carbonate, Bicarbonate, Total Alkalinity	Major Ions - Sulfide	Major Ions - Fe, Mg, Mn, K, Na		Total Number of containers	Special Instructions/Note:
			Preservation Code:				I	I	D	D	D	D	D	D	D	I	B, C	D			
WAN- WGWC-8 A	02/13/26	0930	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		6	
WAN- WGWC-9	02/13/26	0955	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		6	
WAN-			G		N	N															
WAN-			G		N	N															
WAN-			G		N	N															
WAN-			G		N	N															
WAN-			G		N	N															
WAN-			G		N	N															
WAN-			G		N	N															
WAN-			G		N	N															
WAN-			G		N	N															

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

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

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

Special Instructions/QC Requirements:

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

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
[signature]	2/13/26 1554	ACC	[signature]	2.13.26 1555	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: CC #2665 1.0 2.0 0.9 1.3

Ver: 01/16/2019

3/3/2026

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 705-57736-1

Login Number: 57736

List Source: Eurofins Atlanta

List Number: 1

Creator: Jeremiah, Mortley

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

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

Definitions/Glossary

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-57736-1

Qualifiers

HPLC/IC

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

Metals

Qualifier	Qualifier Description
^-	Continuing Calibration Verification (CCV) is outside acceptance limits, low biased.
^+	Continuing Calibration Verification (CCV) is outside acceptance limits, high biased.
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

General Chemistry

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.

Glossary

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

Job Narrative
705-57736-1

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

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

Receipt
The samples were received on 2/13/2026 3:55 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 4 coolers at receipt time were 0.9°C, 1.0°C, 1.3°C and 2.0°C.

HPLC/IC
Method 300.0: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 705-115351 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

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

Metals
Method 6010D: The continuing calibration verification (CCV) associated with batch 705-115860 recovered above the upper control limit for Lithium. The samples associated with this CCV were non-detects or batch QC for the affected analytes; therefore, the data have been reported. The associated samples are:WAN-AP1-FD-08 (705-57736-8), WAN-AP1-EB-03 (705-57736-10), WAN-AP1-EB-08 (705-57736-11), WAN-WGWC-8A (705-57736-12), WAN-WGWC-9 (705-57736-13), (CCV 705-115860/29), (CCV 705-115860/39), (CCV 705-115860/49), (LCS 705-115328/2-A), (MB 705-115328/1-A), (705-57849-A-18-B MS) and (705-57849-A-18-C MSD).

Method 6020B - Total Recoverable: The method blank for preparation batch 705-114743 and analytical batch 705-115255 contained Thallium above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

Method 6020B - Total Recoverable: The method blank for preparation batch 705-114911 and analytical batch 705-115256 contained Thallium above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

Method 6020B: The continuing calibration verification (CCV recovered low for Potassium, but only impacts batch QC. Batch QC recoveries are within control limits therefore they are reported with qualification. (CCV 705-115256/15) and (CCV 705-115256/27)

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

General Chemistry
Method 4500 S2 F-2011: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 705-115429 and analytical batch 705-115430 were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

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

Detection Summary

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-57736-1

Client Sample ID: WAN-WGWC-28D — Lab Sample ID: 705-57736-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	740		20	20	mg/L	20		300.0	Total/NA
Fluoride	1.9		0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	670		20	15	mg/L	20		300.0	Total/NA
Boron	8.9		0.080	0.026	mg/L	1		6010D	Total/NA
Calcium	330		1.0	0.38	mg/L	10		6010D	Total/NA
Lithium	0.30		0.020	0.0037	mg/L	1		6010D	Total/NA
Barium	0.0074	J	0.010	0.00041	mg/L	1		6020B	Total Recoverable
Beryllium	0.0021		0.0010	0.00015	mg/L	1		6020B	Total Recoverable
Iron	5.9		0.10	0.018	mg/L	1		6020B	Total Recoverable
Magnesium	72		1.0	0.16	mg/L	10		6020B	Total Recoverable
Manganese	3.0		0.0050	0.0013	mg/L	1		6020B	Total Recoverable
Molybdenum	0.0098		0.0050	0.00069	mg/L	1		6020B	Total Recoverable
Potassium	92		1.0	0.44	mg/L	10		6020B	Total Recoverable
Selenium	0.0023	J	0.0050	0.0023	mg/L	1		6020B	Total Recoverable
Sodium	250		5.0	2.5	mg/L	10		6020B	Total Recoverable
Total Alkalinity as CaCO3	52		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	52		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	2100		40	40	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: WAN-PZ-23D — Lab Sample ID: 705-57736-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	13		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	3.0		0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	54		1.0	0.77	mg/L	1		300.0	Total/NA
Boron	0.37		0.080	0.026	mg/L	1		6010D	Total/NA
Calcium	38		0.10	0.038	mg/L	1		6010D	Total/NA
Lithium	0.072		0.020	0.0037	mg/L	1		6010D	Total/NA
Iron	0.11		0.10	0.018	mg/L	1		6020B	Total Recoverable
Magnesium	5.9		0.10	0.016	mg/L	1		6020B	Total Recoverable
Manganese	0.083		0.0050	0.0013	mg/L	1		6020B	Total Recoverable
Potassium	2.1		0.10	0.044	mg/L	1		6020B	Total Recoverable
Sodium	21		0.50	0.25	mg/L	1		6020B	Total Recoverable
Total Alkalinity as CaCO3	92		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	92		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	210		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: WAN-PZ-26D — Lab Sample ID: 705-57736-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	16		1.0	0.98	mg/L	1		300.0	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-57736-1

Client Sample ID: WAN-PZ-26D (Continued) — Lab Sample ID: 705-57736-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Fluoride	0.29		0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	18		1.0	0.77	mg/L	1		300.0	Total/NA
Boron	0.066	J	0.080	0.026	mg/L	1		6010D	Total/NA
Calcium	14		0.10	0.038	mg/L	1		6010D	Total/NA
Lithium	0.029		0.020	0.0037	mg/L	1		6010D	Total/NA
Barium	0.019		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Cobalt	0.00097	J	0.0050	0.00041	mg/L	1		6020B	Total Recoverable
Iron	0.051	J	0.10	0.018	mg/L	1		6020B	Total Recoverable
Magnesium	3.0		0.10	0.016	mg/L	1		6020B	Total Recoverable
Manganese	0.0050		0.0050	0.0013	mg/L	1		6020B	Total Recoverable
Molybdenum	0.0025	J	0.0050	0.00069	mg/L	1		6020B	Total Recoverable
Potassium	1.8		0.10	0.044	mg/L	1		6020B	Total Recoverable
Sodium	23		0.50	0.25	mg/L	1		6020B	Total Recoverable
Total Alkalinity as CaCO3	51		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	51		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	120		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: WAN-PZ-31 — Lab Sample ID: 705-57736-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	5.5		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.10	J	0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	2.5		1.0	0.77	mg/L	1		300.0	Total/NA
Calcium	1.8		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.060		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Beryllium	0.00064	J	0.0010	0.00015	mg/L	1		6020B	Total Recoverable
Iron	0.046	J	0.10	0.018	mg/L	1		6020B	Total Recoverable
Lead	0.0012		0.0010	0.00086	mg/L	1		6020B	Total Recoverable
Magnesium	1.7		0.10	0.016	mg/L	1		6020B	Total Recoverable
Manganese	0.040		0.0050	0.0013	mg/L	1		6020B	Total Recoverable
Potassium	1.6		0.10	0.044	mg/L	1		6020B	Total Recoverable
Sodium	4.1		0.50	0.25	mg/L	1		6020B	Total Recoverable
Thallium	0.00038	J B	0.0010	0.00019	mg/L	1		6020B	Total Recoverable
Total Alkalinity as CaCO3	7.8		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	7.8		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	11		10	10	mg/L	1		2540C - 2015	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-57736-1

Client Sample ID: WAN-PZ-32D — Lab Sample ID: 705-57736-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	560		20	20	mg/L	20		300.0	Total/NA
Fluoride	1.7		0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	340		20	15	mg/L	20		300.0	Total/NA
Boron	6.6		0.080	0.026	mg/L	1		6010D	Total/NA
Calcium	360		1.0	0.38	mg/L	10		6010D	Total/NA
Lithium	0.18		0.020	0.0037	mg/L	1		6010D	Total/NA
Iron	2.5		0.10	0.018	mg/L	1		6020B	Total Recoverable
Magnesium	54		0.50	0.082	mg/L	5		6020B	Total Recoverable
Manganese	4.9		0.0050	0.0013	mg/L	1		6020B	Total Recoverable
Potassium	8.0		0.10	0.044	mg/L	1		6020B	Total Recoverable
Sodium	87		2.5	1.2	mg/L	5		6020B	Total Recoverable
Total Alkalinity as CaCO3	100		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	100		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	2000		20	20	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: WAN-PZ-33D — Lab Sample ID: 705-57736-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	570		10	9.8	mg/L	10		300.0	Total/NA
Fluoride	2.1		2.0	0.81	mg/L	10		300.0	Total/NA
Sulfate	330		10	7.7	mg/L	10		300.0	Total/NA
Boron	5.9		0.080	0.026	mg/L	1		6010D	Total/NA
Calcium	340		1.0	0.38	mg/L	10		6010D	Total/NA
Lithium	0.11		0.020	0.0037	mg/L	1		6010D	Total/NA
Iron	2.3		0.10	0.018	mg/L	1		6020B	Total Recoverable
Magnesium	37		0.10	0.016	mg/L	1		6020B	Total Recoverable
Manganese	2.2		0.0050	0.0013	mg/L	1		6020B	Total Recoverable
Potassium	4.4		0.10	0.044	mg/L	1		6020B	Total Recoverable
Sodium	64		2.5	1.2	mg/L	5		6020B	Total Recoverable
Total Alkalinity as CaCO3	110		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	110		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	1800		20	20	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: WAN-WAMW-1 — Lab Sample ID: 705-57736-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	3.5		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.38		0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	5.2		1.0	0.77	mg/L	1		300.0	Total/NA
Calcium	21		0.10	0.038	mg/L	1		6010D	Total/NA
Lithium	0.047		0.020	0.0037	mg/L	1		6010D	Total/NA
Barium	0.014		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Cobalt	0.0012	J	0.0050	0.00041	mg/L	1		6020B	Total Recoverable

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-57736-1

Client Sample ID: WAN-WAMW-1 (Continued) — Lab Sample ID: 705-57736-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Magnesium	8.1		0.10	0.016	mg/L	1		6020B	Total Recoverable
Manganese	0.068		0.0050	0.0013	mg/L	1		6020B	Total Recoverable
Molybdenum	0.0026	J	0.0050	0.00069	mg/L	1		6020B	Total Recoverable
Potassium	1.4		0.10	0.044	mg/L	1		6020B	Total Recoverable
Sodium	9.6		0.50	0.25	mg/L	1		6020B	Total Recoverable
Thallium	0.00025	J B	0.0010	0.00019	mg/L	1		6020B	Total Recoverable
Total Alkalinity as CaCO3	96		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	96		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	110		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: WAN-AP1-FD-08 — Lab Sample ID: 705-57736-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	16		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.29		0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	17		1.0	0.77	mg/L	1		300.0	Total/NA
Boron	0.065	J	0.080	0.026	mg/L	1		6010D	Total/NA
Calcium	12		0.10	0.038	mg/L	1		6010D	Total/NA
Lithium	0.030		0.020	0.0037	mg/L	1		6010D	Total/NA
Barium	0.020		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Cobalt	0.00062	J	0.0050	0.00041	mg/L	1		6020B	Total Recoverable
Iron	0.032	J	0.10	0.018	mg/L	1		6020B	Total Recoverable
Magnesium	2.9		0.10	0.016	mg/L	1		6020B	Total Recoverable
Manganese	0.0022	J	0.0050	0.0013	mg/L	1		6020B	Total Recoverable
Molybdenum	0.0025	J	0.0050	0.00069	mg/L	1		6020B	Total Recoverable
Potassium	1.7		0.10	0.044	mg/L	1		6020B	Total Recoverable
Sodium	23		0.50	0.25	mg/L	1		6020B	Total Recoverable
Total Alkalinity as CaCO3	52		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	52		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	130		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: WAN-AP1-FB-14 — Lab Sample ID: 705-57736-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Fluoride	0.10	J	0.20	0.081	mg/L	1		300.0	Total/NA

Client Sample ID: WAN-AP1-EB-03 — Lab Sample ID: 705-57736-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Fluoride	0.094	J	0.20	0.081	mg/L	1		300.0	Total/NA
Iron	0.046	J	0.10	0.018	mg/L	1		6020B	Total Recoverable

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-57736-1

Client Sample ID: WAN-AP1-EB-03 (Continued) — Lab Sample ID: 705-57736-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Thallium	0.00019	J B	0.0010	0.00019	mg/L	1		6020B	Total Recoverable

Client Sample ID: WAN-AP1-EB-08 — Lab Sample ID: 705-57736-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Fluoride	0.12	J	0.20	0.081	mg/L	1		300.0	Total/NA
Iron	0.12		0.10	0.018	mg/L	1		6020B	Total Recoverable

Client Sample ID: WAN-WGWC-8A — Lab Sample ID: 705-57736-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	69		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	3.6		0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	76		1.0	0.77	mg/L	1		300.0	Total/NA
Boron	0.25		0.080	0.026	mg/L	1		6010D	Total/NA
Calcium	36		0.10	0.038	mg/L	1		6010D	Total/NA
Lithium	0.12		0.020	0.0037	mg/L	1		6010D	Total/NA
Barium	0.012		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Beryllium	0.0033		0.0010	0.00015	mg/L	1		6020B	Total Recoverable
Cobalt	0.0032	J	0.0050	0.00041	mg/L	1		6020B	Total Recoverable
Iron	4.9		0.10	0.018	mg/L	1		6020B	Total Recoverable
Magnesium	10		0.10	0.016	mg/L	1		6020B	Total Recoverable
Manganese	2.0		0.0050	0.0013	mg/L	1		6020B	Total Recoverable
Molybdenum	0.0092		0.0050	0.00069	mg/L	1		6020B	Total Recoverable
Potassium	5.2		0.10	0.044	mg/L	1		6020B	Total Recoverable
Sodium	42		0.50	0.25	mg/L	1		6020B	Total Recoverable
Total Alkalinity as CaCO3	59		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	59		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	330		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: WAN-WGWC-9 — Lab Sample ID: 705-57736-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	5.9		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.96		0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	78		1.0	0.77	mg/L	1		300.0	Total/NA
Boron	0.61		0.080	0.026	mg/L	1		6010D	Total/NA
Calcium	12		0.10	0.038	mg/L	1		6010D	Total/NA
Lithium	0.036		0.020	0.0037	mg/L	1		6010D	Total/NA
Beryllium	0.00041	J	0.0010	0.00015	mg/L	1		6020B	Total Recoverable
Iron	0.032	J	0.10	0.018	mg/L	1		6020B	Total Recoverable
Magnesium	3.8		0.10	0.016	mg/L	1		6020B	Total Recoverable

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-57736-1

Client Sample ID: WAN-WGWC-9 (Continued)

Lab Sample ID: 705-57736-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Manganese	0.0058		0.0050	0.0013	mg/L	1		6020B	Total Recoverable
Molybdenum	0.0021	J	0.0050	0.00069	mg/L	1		6020B	Total Recoverable
Potassium	1.7		0.10	0.044	mg/L	1		6020B	Total Recoverable
Selenium	0.0032	J	0.0050	0.0023	mg/L	1		6020B	Total Recoverable
Sodium	29		0.50	0.25	mg/L	1		6020B	Total Recoverable
Total Alkalinity as CaCO3	17		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Bicarbonate Alkalinity as CaCO3	17		3.0	3.0	mg/L	1		2320B-2011	Total/NA
Total Dissolved Solids	190		10	10	mg/L	1		2540C - 2015	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-57736-1

Client Sample ID: WAN-WGWC-28D

Lab Sample ID: 705-57736-1
Matrix: Water

Date Collected: 02/12/26 12:36
Date Received: 02/13/26 15:55

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	740		20	20	mg/L			02/20/26 13:53	20
Fluoride	1.9		0.20	0.081	mg/L			02/19/26 23:31	1
Sulfate	670		20	15	mg/L			02/20/26 13:53	20

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	8.9		0.080	0.026	mg/L		02/17/26 10:13	02/19/26 10:58	1
Calcium	330		1.0	0.38	mg/L		02/17/26 10:13	02/26/26 13:39	10
Lithium	0.30		0.020	0.0037	mg/L		02/17/26 10:13	02/19/26 10:58	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		02/18/26 08:35	02/18/26 21:39	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		02/18/26 08:35	02/18/26 21:39	1
Barium	0.0074	J	0.010	0.00041	mg/L		02/18/26 08:35	02/18/26 21:39	1
Beryllium	0.0021		0.0010	0.00015	mg/L		02/18/26 08:35	02/18/26 21:39	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		02/18/26 08:35	02/18/26 21:39	1
Chromium	<0.0037		0.0050	0.0037	mg/L		02/18/26 08:35	02/18/26 21:39	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		02/18/26 08:35	02/18/26 21:39	1
Iron	5.9		0.10	0.018	mg/L		02/18/26 08:35	02/18/26 21:39	1
Lead	<0.00086		0.0010	0.00086	mg/L		02/18/26 08:35	02/18/26 21:39	1
Magnesium	72		1.0	0.16	mg/L		02/18/26 08:35	02/18/26 21:42	10
Manganese	3.0		0.0050	0.0013	mg/L		02/18/26 08:35	02/18/26 21:39	1
Molybdenum	0.0098		0.0050	0.00069	mg/L		02/18/26 08:35	02/18/26 21:39	1
Potassium	92		1.0	0.44	mg/L		02/18/26 08:35	02/19/26 13:46	10
Selenium	0.0023	J	0.0050	0.0023	mg/L		02/18/26 08:35	02/18/26 21:39	1
Sodium	250		5.0	2.5	mg/L		02/18/26 08:35	02/18/26 21:42	10
Thallium	<0.00019		0.0010	0.00019	mg/L		02/18/26 08:35	02/18/26 21:39	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		02/27/26 11:45	02/27/26 19:03	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	52		3.0	3.0	mg/L			02/26/26 09:28	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	52		3.0	3.0	mg/L			02/26/26 09:28	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			02/26/26 09:28	1
Total Dissolved Solids (SM 2540C - 2015)	2100		40	40	mg/L			02/19/26 16:15	1
Sulfide (SM 4500 S2 F-2011)	<1.0		1.0	1.0	mg/L		02/17/26 10:02	02/17/26 12:05	1

Client Sample ID: WAN-PZ-23D

Lab Sample ID: 705-57736-2
Matrix: Water

Date Collected: 02/12/26 14:40
Date Received: 02/13/26 15:55

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	13		1.0	0.98	mg/L			02/19/26 23:42	1

Client Sample ID: WAN-PZ-23D

Lab Sample ID: 705-57736-2

Date Collected: 02/12/26 14:40

Matrix: Water

Date Received: 02/13/26 15:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	3.0		0.20	0.081	mg/L			02/19/26 23:42	1
Sulfate	54		1.0	0.77	mg/L			02/19/26 23:42	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	0.37		0.080	0.026	mg/L		02/17/26 10:13	02/19/26 10:55	1
Calcium	38		0.10	0.038	mg/L		02/17/26 10:13	02/19/26 10:55	1
Lithium	0.072		0.020	0.0037	mg/L		02/17/26 10:13	02/19/26 10:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	0.11		0.10	0.018	mg/L		02/18/26 08:35	02/18/26 21:36	1
Magnesium	5.9		0.10	0.016	mg/L		02/18/26 08:35	02/18/26 21:36	1
Manganese	0.083		0.0050	0.0013	mg/L		02/18/26 08:35	02/18/26 21:36	1
Potassium	2.1		0.10	0.044	mg/L		02/18/26 08:35	02/19/26 13:43	1
Sodium	21		0.50	0.25	mg/L		02/18/26 08:35	02/18/26 21:36	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	92		3.0	3.0	mg/L			02/26/26 09:28	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	92		3.0	3.0	mg/L			02/26/26 09:28	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			02/26/26 09:28	1
Total Dissolved Solids (SM 2540C - 2015)	210		10	10	mg/L			02/19/26 16:15	1
Sulfide (SM 4500 S2 F-2011)	<1.0		1.0	1.0	mg/L		02/17/26 10:02	02/17/26 12:05	1

Client Sample ID: WAN-PZ-26D

Lab Sample ID: 705-57736-3

Date Collected: 02/12/26 14:26

Matrix: Water

Date Received: 02/13/26 15:55

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	16		1.0	0.98	mg/L			02/19/26 23:54	1
Fluoride	0.29		0.20	0.081	mg/L			02/19/26 23:54	1
Sulfate	18		1.0	0.77	mg/L			02/19/26 23:54	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	0.066	J	0.080	0.026	mg/L		02/17/26 10:13	02/19/26 10:22	1
Calcium	14		0.10	0.038	mg/L		02/17/26 10:13	02/19/26 10:22	1
Lithium	0.029		0.020	0.0037	mg/L		02/17/26 10:13	02/19/26 10:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		02/18/26 08:35	02/18/26 21:33	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		02/18/26 08:35	02/18/26 21:33	1
Barium	0.019		0.010	0.00041	mg/L		02/18/26 08:35	02/18/26 21:33	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		02/18/26 08:35	02/18/26 21:33	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		02/18/26 08:35	02/18/26 21:33	1

Client Sample ID: WAN-PZ-26D

Lab Sample ID: 705-57736-3

Date Collected: 02/12/26 14:26

Matrix: Water

Date Received: 02/13/26 15:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.0037		0.0050	0.0037	mg/L		02/18/26 08:35	02/18/26 21:33	1
Cobalt	**0.00097**	**J**	0.0050	0.00041	mg/L		02/18/26 08:35	02/18/26 21:33	1
Iron	**0.051**	**J**	0.10	0.018	mg/L		02/18/26 08:35	02/18/26 21:33	1
Lead	<0.00086		0.0010	0.00086	mg/L		02/18/26 08:35	02/18/26 21:33	1
Magnesium	**3.0**		0.10	0.016	mg/L		02/18/26 08:35	02/18/26 21:33	1
Manganese	**0.0050**		0.0050	0.0013	mg/L		02/18/26 08:35	02/18/26 21:33	1
Molybdenum	**0.0025**	**J**	0.0050	0.00069	mg/L		02/18/26 08:35	02/18/26 21:33	1
Potassium	**1.8**		0.10	0.044	mg/L		02/18/26 08:35	02/19/26 13:41	1
Selenium	<0.0023		0.0050	0.0023	mg/L		02/18/26 08:35	02/18/26 21:33	1
Sodium	**23**		0.50	0.25	mg/L		02/18/26 08:35	02/18/26 21:33	1
Thallium	<0.00019		0.0010	0.00019	mg/L		02/18/26 08:35	02/18/26 21:33	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		02/27/26 11:45	02/27/26 19:23	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**51**		3.0	3.0	mg/L			02/26/26 09:28	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**51**		3.0	3.0	mg/L			02/26/26 09:28	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			02/26/26 09:28	1
Total Dissolved Solids (SM 2540C - 2015)	**120**		10	10	mg/L			02/19/26 16:15	1
Sulfide (SM 4500 S2 F-2011)	<1.0		1.0	1.0	mg/L		02/17/26 10:02	02/17/26 12:05	1

Client Sample ID: WAN-PZ-31

Lab Sample ID: 705-57736-4

Date Collected: 02/12/26 13:07

Matrix: Water

Date Received: 02/13/26 15:55

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**5.5**		1.0	0.98	mg/L			02/20/26 00:05	1
Fluoride	**0.10**	**J**	0.20	0.081	mg/L			02/20/26 00:05	1
Sulfate	**2.5**		1.0	0.77	mg/L			02/20/26 00:05	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		02/18/26 10:40	02/19/26 13:09	1
Calcium	**1.8**		0.10	0.038	mg/L		02/18/26 10:40	02/19/26 13:09	1
Lithium	<0.0037		0.020	0.0037	mg/L		02/18/26 10:40	02/19/26 13:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		02/17/26 14:15	02/18/26 16:38	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		02/17/26 14:15	02/18/26 16:38	1
Barium	**0.060**		0.010	0.00041	mg/L		02/17/26 14:15	02/18/26 16:38	1
Beryllium	**0.00064**	**J**	0.0010	0.00015	mg/L		02/17/26 14:15	02/18/26 16:38	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		02/17/26 14:15	02/18/26 16:38	1
Chromium	<0.0037		0.0050	0.0037	mg/L		02/17/26 14:15	02/18/26 16:38	1

Client Sample ID: WAN-PZ-31

Lab Sample ID: 705-57736-4

Date Collected: 02/12/26 13:07
Matrix: Water
Date Received: 02/13/26 15:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cobalt	<0.00041		0.0050	0.00041	mg/L		02/17/26 14:15	02/18/26 16:38	1
Iron	**0.046**	**J**	0.10	0.018	mg/L		02/17/26 14:15	02/18/26 16:38	1
Lead	**0.0012**		0.0010	0.00086	mg/L		02/17/26 14:15	02/18/26 16:38	1
Magnesium	**1.7**		0.10	0.016	mg/L		02/17/26 14:15	02/18/26 16:38	1
Manganese	**0.040**		0.0050	0.0013	mg/L		02/17/26 14:15	02/18/26 16:38	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		02/17/26 14:15	02/18/26 16:38	1
Potassium	**1.6**		0.10	0.044	mg/L		02/17/26 14:15	02/18/26 16:38	1
Selenium	<0.0023		0.0050	0.0023	mg/L		02/17/26 14:15	02/18/26 16:38	1
Sodium	**4.1**		0.50	0.25	mg/L		02/17/26 14:15	02/18/26 16:38	1
Thallium	**0.00038**	**J B**	0.0010	0.00019	mg/L		02/17/26 14:15	02/18/26 16:38	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		02/27/26 11:45	02/27/26 19:27	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**7.8**		3.0	3.0	mg/L			02/26/26 09:28	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**7.8**		3.0	3.0	mg/L			02/26/26 09:28	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			02/26/26 09:28	1
Total Dissolved Solids (SM 2540C - 2015)	**11**		10	10	mg/L			02/19/26 16:15	1
Sulfide (SM 4500 S2 F-2011)	<1.0		1.0	1.0	mg/L		02/17/26 10:02	02/17/26 12:05	1

Client Sample ID: WAN-PZ-32D

Lab Sample ID: 705-57736-5

Date Collected: 02/12/26 12:58
Matrix: Water
Date Received: 02/13/26 15:55

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**560**		20	20	mg/L			02/20/26 14:04	20
Fluoride	**1.7**		0.20	0.081	mg/L			02/20/26 00:17	1
Sulfate	**340**		20	15	mg/L			02/20/26 14:04	20

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**6.6**		0.080	0.026	mg/L		02/18/26 10:40	02/19/26 13:12	1
Calcium	**360**		1.0	0.38	mg/L		02/18/26 10:40	02/26/26 13:42	10
Lithium	**0.18**		0.020	0.0037	mg/L		02/18/26 10:40	02/19/26 13:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	**2.5**		0.10	0.018	mg/L		02/17/26 14:15	02/18/26 16:49	1
Magnesium	**54**		0.50	0.082	mg/L		02/17/26 14:15	02/18/26 16:52	5
Manganese	**4.9**		0.0050	0.0013	mg/L		02/17/26 14:15	02/18/26 16:49	1
Potassium	**8.0**		0.10	0.044	mg/L		02/17/26 14:15	02/18/26 16:49	1
Sodium	**87**		2.5	1.2	mg/L		02/17/26 14:15	02/18/26 16:52	5

Client Sample ID: WAN-PZ-32D

Lab Sample ID: 705-57736-5

Date Collected: 02/12/26 12:58
Matrix: Water
Date Received: 02/13/26 15:55

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	100		3.0	3.0	mg/L			02/26/26 09:28	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	100		3.0	3.0	mg/L			02/26/26 09:28	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			02/26/26 09:28	1
Total Dissolved Solids (SM 2540C - 2015)	2000		20	20	mg/L			02/19/26 16:15	1
Sulfide (SM 4500 S2 F-2011)	<1.0		1.0	1.0	mg/L		02/17/26 10:02	02/17/26 12:05	1

Client Sample ID: WAN-PZ-33D

Lab Sample ID: 705-57736-6

Date Collected: 02/12/26 11:11
Matrix: Water
Date Received: 02/13/26 15:55

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	570		10	9.8	mg/L			02/20/26 00:28	10
Fluoride	2.1		2.0	0.81	mg/L			02/20/26 00:28	10
Sulfate	330		10	7.7	mg/L			02/20/26 00:28	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	5.9		0.080	0.026	mg/L		02/18/26 10:40	02/19/26 13:15	1
Calcium	340		1.0	0.38	mg/L		02/18/26 10:40	02/26/26 13:45	10
Lithium	0.11		0.020	0.0037	mg/L		02/18/26 10:40	02/19/26 13:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	2.3		0.10	0.018	mg/L		02/17/26 14:15	02/18/26 16:55	1
Magnesium	37		0.10	0.016	mg/L		02/17/26 14:15	02/18/26 16:55	1
Manganese	2.2		0.0050	0.0013	mg/L		02/17/26 14:15	02/18/26 16:55	1
Potassium	4.4		0.10	0.044	mg/L		02/17/26 14:15	02/18/26 16:55	1
Sodium	64		2.5	1.2	mg/L		02/17/26 14:15	02/18/26 16:58	5

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	110		3.0	3.0	mg/L			02/26/26 09:28	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	110		3.0	3.0	mg/L			02/26/26 09:28	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			02/26/26 09:28	1
Total Dissolved Solids (SM 2540C - 2015)	1800		20	20	mg/L			02/19/26 16:15	1
Sulfide (SM 4500 S2 F-2011)	<1.0		1.0	1.0	mg/L		02/17/26 10:02	02/17/26 12:05	1

Client Sample ID: WAN-WAMW-1

Lab Sample ID: 705-57736-7

Date Collected: 02/12/26 11:32
Matrix: Water
Date Received: 02/13/26 15:55

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3.5		1.0	0.98	mg/L			02/20/26 00:40	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-57736-1

Client Sample ID: WAN-WAMW-1

Lab Sample ID: 705-57736-7
Date Collected: 02/12/26 11:32
Matrix: Water
Date Received: 02/13/26 15:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	**0.38**		0.20	0.081	mg/L			02/20/26 00:40	1
Sulfate	**5.2**		1.0	0.77	mg/L			02/20/26 00:40	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		02/18/26 10:40	02/19/26 13:18	1
Calcium	**21**		0.10	0.038	mg/L		02/18/26 10:40	02/19/26 13:18	1
Lithium	**0.047**		0.020	0.0037	mg/L		02/18/26 10:40	02/19/26 13:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		02/17/26 14:15	02/18/26 17:42	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		02/17/26 14:15	02/18/26 17:42	1
Barium	**0.014**		0.010	0.00041	mg/L		02/17/26 14:15	02/18/26 17:42	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		02/17/26 14:15	02/18/26 17:42	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		02/17/26 14:15	02/18/26 17:42	1
Chromium	<0.0037		0.0050	0.0037	mg/L		02/17/26 14:15	02/18/26 17:42	1
Cobalt	**0.0012**	**J**	0.0050	0.00041	mg/L		02/17/26 14:15	02/18/26 17:42	1
Iron	<0.018		0.10	0.018	mg/L		02/17/26 14:15	02/18/26 17:42	1
Lead	<0.00086		0.0010	0.00086	mg/L		02/17/26 14:15	02/18/26 17:42	1
Magnesium	**8.1**		0.10	0.016	mg/L		02/17/26 14:15	02/18/26 17:42	1
Manganese	**0.068**		0.0050	0.0013	mg/L		02/17/26 14:15	02/18/26 17:42	1
Molybdenum	**0.0026**	**J**	0.0050	0.00069	mg/L		02/17/26 14:15	02/18/26 17:42	1
Potassium	**1.4**		0.10	0.044	mg/L		02/17/26 14:15	02/19/26 13:06	1
Selenium	<0.0023		0.0050	0.0023	mg/L		02/17/26 14:15	02/18/26 17:42	1
Sodium	**9.6**		0.50	0.25	mg/L		02/17/26 14:15	02/18/26 17:42	1
Thallium	**0.00025**	**J B**	0.0010	0.00019	mg/L		02/17/26 14:15	02/18/26 17:42	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		02/27/26 11:45	02/27/26 19:30	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**96**		3.0	3.0	mg/L			02/26/26 09:28	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**96**		3.0	3.0	mg/L			02/26/26 09:28	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			02/26/26 09:28	1
Total Dissolved Solids (SM 2540C - 2015)	**110**		10	10	mg/L			02/19/26 16:15	1
Sulfide (SM 4500 S2 F-2011)	<1.0		1.0	1.0	mg/L		02/17/26 10:02	02/17/26 12:05	1

Client Sample ID: WAN-AP1-FD-08

Lab Sample ID: 705-57736-8
Date Collected: 02/12/26 00:00
Matrix: Water
Date Received: 02/13/26 15:55

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**16**		1.0	0.98	mg/L			02/20/26 01:26	1
Fluoride	**0.29**		0.20	0.081	mg/L			02/20/26 01:26	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-57736-1

Client Sample ID: WAN-AP1-FD-08

Lab Sample ID: 705-57736-8
Matrix: Water

Date Collected: 02/12/26 00:00
Date Received: 02/13/26 15:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**17**		1.0	0.77	mg/L			02/20/26 01:26	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**0.065**	**J**	0.080	0.026	mg/L		02/19/26 12:40	02/22/26 16:23	1
Calcium	**12**		0.10	0.038	mg/L		02/19/26 12:40	02/22/26 16:23	1
Lithium	**0.030**		0.020	0.0037	mg/L		02/19/26 12:40	02/26/26 13:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		02/18/26 08:35	02/18/26 20:46	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		02/18/26 08:35	02/18/26 20:46	1
Barium	**0.020**		0.010	0.00041	mg/L		02/18/26 08:35	02/18/26 20:46	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		02/18/26 08:35	02/18/26 20:46	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		02/18/26 08:35	02/18/26 20:46	1
Chromium	<0.0037		0.0050	0.0037	mg/L		02/18/26 08:35	02/18/26 20:46	1
Cobalt	**0.00062**	**J**	0.0050	0.00041	mg/L		02/18/26 08:35	02/18/26 20:46	1
Iron	**0.032**	**J**	0.10	0.018	mg/L		02/18/26 08:35	02/18/26 20:46	1
Lead	<0.00086		0.0010	0.00086	mg/L		02/18/26 08:35	02/18/26 20:46	1
Magnesium	**2.9**		0.10	0.016	mg/L		02/18/26 08:35	02/18/26 20:46	1
Manganese	**0.0022**	**J**	0.0050	0.0013	mg/L		02/18/26 08:35	02/18/26 20:46	1
Molybdenum	**0.0025**	**J**	0.0050	0.00069	mg/L		02/18/26 08:35	02/18/26 20:46	1
Potassium	**1.7**		0.10	0.044	mg/L		02/18/26 08:35	02/19/26 13:38	1
Selenium	<0.0023		0.0050	0.0023	mg/L		02/18/26 08:35	02/18/26 20:46	1
Sodium	**23**		0.50	0.25	mg/L		02/18/26 08:35	02/18/26 20:46	1
Thallium	<0.00019		0.0010	0.00019	mg/L		02/18/26 08:35	02/18/26 20:46	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		02/27/26 11:45	02/27/26 19:34	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**52**		3.0	3.0	mg/L			02/26/26 09:28	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**52**		3.0	3.0	mg/L			02/26/26 09:28	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			02/26/26 09:28	1
Total Dissolved Solids (SM 2540C - 2015)	**130**		10	10	mg/L			02/19/26 16:15	1
Sulfide (SM 4500 S2 F-2011)	<1.0		1.0	1.0	mg/L		02/17/26 10:02	02/17/26 12:05	1

Client Sample ID: WAN-AP1-FB-14

Lab Sample ID: 705-57736-9
Matrix: Water

Date Collected: 02/12/26 11:45
Date Received: 02/13/26 15:55

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.98		1.0	0.98	mg/L			02/19/26 20:49	1
Fluoride	**0.10**	**J**	0.20	0.081	mg/L			02/19/26 20:49	1
Sulfate	<0.77		1.0	0.77	mg/L			02/19/26 20:49	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-57736-1

Client Sample ID: WAN-AP1-FB-14

Lab Sample ID: 705-57736-9

Date Collected: 02/12/26 11:45
Matrix: Water
Date Received: 02/13/26 15:55

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		02/18/26 10:40	02/19/26 13:21	1
Calcium	<0.038		0.10	0.038	mg/L		02/18/26 10:40	02/19/26 13:21	1
Lithium	<0.0037		0.020	0.0037	mg/L		02/18/26 10:40	02/19/26 13:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		02/17/26 14:15	02/18/26 17:44	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		02/17/26 14:15	02/18/26 17:44	1
Barium	<0.00041		0.010	0.00041	mg/L		02/17/26 14:15	02/18/26 17:44	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		02/17/26 14:15	02/18/26 17:44	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		02/17/26 14:15	02/18/26 17:44	1
Chromium	<0.0037		0.0050	0.0037	mg/L		02/17/26 14:15	02/18/26 17:44	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		02/17/26 14:15	02/18/26 17:44	1
Iron	<0.018		0.10	0.018	mg/L		02/17/26 14:15	02/18/26 17:44	1
Lead	<0.00086		0.0010	0.00086	mg/L		02/17/26 14:15	02/18/26 17:44	1
Magnesium	<0.016		0.10	0.016	mg/L		02/17/26 14:15	02/18/26 17:44	1
Manganese	<0.0013		0.0050	0.0013	mg/L		02/17/26 14:15	02/18/26 17:44	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		02/17/26 14:15	02/18/26 17:44	1
Potassium	<0.044		0.10	0.044	mg/L		02/17/26 14:15	02/19/26 13:09	1
Selenium	<0.0023		0.0050	0.0023	mg/L		02/17/26 14:15	02/18/26 17:44	1
Sodium	<0.25		0.50	0.25	mg/L		02/17/26 14:15	02/18/26 17:44	1
Thallium	<0.00019		0.0010	0.00019	mg/L		02/17/26 14:15	02/18/26 17:44	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		02/27/26 11:45	02/27/26 19:37	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			02/26/26 09:28	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			02/26/26 09:28	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			02/26/26 09:28	1
Total Dissolved Solids (SM 2540C - 2015)	<10		10	10	mg/L			02/19/26 16:15	1
Sulfide (SM 4500 S2 F-2011)	<1.0	F1	1.0	1.0	mg/L		02/19/26 17:24	02/19/26 18:26	1

Client Sample ID: WAN-AP1-EB-03

Lab Sample ID: 705-57736-10

Date Collected: 02/12/26 15:20
Matrix: Water
Date Received: 02/13/26 15:55

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.98		1.0	0.98	mg/L			02/20/26 01:38	1
Fluoride	**0.094**	**J**	0.20	0.081	mg/L			02/20/26 01:38	1
Sulfate	<0.77		1.0	0.77	mg/L			02/20/26 01:38	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		02/19/26 12:40	02/22/26 16:26	1

Client Sample ID: WAN-AP1-EB-03

Lab Sample ID: 705-57736-10

Date Collected: 02/12/26 15:20

Matrix: Water

Date Received: 02/13/26 15:55

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	<0.038		0.10	0.038	mg/L		02/19/26 12:40	02/22/26 16:26	1
Lithium	<0.0037	^+	0.020	0.0037	mg/L		02/19/26 12:40	02/22/26 16:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		02/18/26 08:35	02/18/26 19:14	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		02/18/26 08:35	02/18/26 19:14	1
Barium	<0.00041		0.010	0.00041	mg/L		02/18/26 08:35	02/18/26 19:14	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		02/18/26 08:35	02/18/26 19:14	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		02/18/26 08:35	02/18/26 19:14	1
Chromium	<0.0037		0.0050	0.0037	mg/L		02/18/26 08:35	02/18/26 19:14	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		02/18/26 08:35	02/18/26 19:14	1
Iron	**0.046**	**J**	0.10	0.018	mg/L		02/18/26 08:35	02/18/26 19:14	1
Lead	<0.00086		0.0010	0.00086	mg/L		02/18/26 08:35	02/18/26 19:14	1
Magnesium	<0.016		0.10	0.016	mg/L		02/18/26 08:35	02/18/26 19:14	1
Manganese	<0.0013		0.0050	0.0013	mg/L		02/18/26 08:35	02/18/26 19:14	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		02/18/26 08:35	02/18/26 19:14	1
Potassium	<0.044		0.10	0.044	mg/L		02/18/26 08:35	02/19/26 13:12	1
Selenium	<0.0023		0.0050	0.0023	mg/L		02/18/26 08:35	02/18/26 19:14	1
Sodium	<0.25		0.50	0.25	mg/L		02/18/26 08:35	02/18/26 19:14	1
Thallium	**0.00019**	**J B**	0.0010	0.00019	mg/L		02/18/26 08:35	02/18/26 19:14	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		02/27/26 11:45	02/27/26 19:41	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			02/26/26 09:28	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			02/26/26 09:28	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			02/26/26 09:28	1
Total Dissolved Solids (SM 2540C - 2015)	<10		10	10	mg/L			02/19/26 16:15	1
Sulfide (SM 4500 S2 F-2011)	<1.0		1.0	1.0	mg/L		02/19/26 17:24	02/19/26 18:26	1

Client Sample ID: WAN-AP1-EB-08

Lab Sample ID: 705-57736-11

Date Collected: 02/12/26 15:15

Matrix: Water

Date Received: 02/13/26 15:55

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.98		1.0	0.98	mg/L			02/20/26 01:49	1
Fluoride	**0.12**	**J**	0.20	0.081	mg/L			02/20/26 01:49	1
Sulfate	<0.77		1.0	0.77	mg/L			02/20/26 01:49	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		02/19/26 12:40	02/22/26 16:28	1
Calcium	<0.038		0.10	0.038	mg/L		02/19/26 12:40	02/22/26 16:28	1

Client Sample ID: WAN-AP1-EB-08

Lab Sample ID: 705-57736-11

Date Collected: 02/12/26 15:15

Matrix: Water

Date Received: 02/13/26 15:55

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	<0.0037	^+	0.020	0.0037	mg/L		02/19/26 12:40	02/22/26 16:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		02/18/26 08:35	02/18/26 20:38	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		02/18/26 08:35	02/18/26 20:38	1
Barium	<0.00041		0.010	0.00041	mg/L		02/18/26 08:35	02/18/26 20:38	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		02/18/26 08:35	02/18/26 20:38	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		02/18/26 08:35	02/18/26 20:38	1
Chromium	<0.0037		0.0050	0.0037	mg/L		02/18/26 08:35	02/18/26 20:38	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		02/18/26 08:35	02/18/26 20:38	1
Iron	**0.12**		0.10	0.018	mg/L		02/18/26 08:35	02/18/26 20:38	1
Lead	<0.00086		0.0010	0.00086	mg/L		02/18/26 08:35	02/18/26 20:38	1
Magnesium	<0.016		0.10	0.016	mg/L		02/18/26 08:35	02/18/26 20:38	1
Manganese	<0.0013		0.0050	0.0013	mg/L		02/18/26 08:35	02/18/26 20:38	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		02/18/26 08:35	02/18/26 20:38	1
Potassium	<0.044		0.10	0.044	mg/L		02/18/26 08:35	02/19/26 13:14	1
Selenium	<0.0023		0.0050	0.0023	mg/L		02/18/26 08:35	02/18/26 20:38	1
Sodium	<0.25		0.50	0.25	mg/L		02/18/26 08:35	02/18/26 20:38	1
Thallium	<0.00019		0.0010	0.00019	mg/L		02/18/26 08:35	02/18/26 20:38	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		02/27/26 11:45	02/27/26 19:44	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			02/26/26 09:28	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			02/26/26 09:28	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			02/26/26 09:28	1
Total Dissolved Solids (SM 2540C - 2015)	<10		10	10	mg/L			02/19/26 16:15	1
Sulfide (SM 4500 S2 F-2011)	<1.0		1.0	1.0	mg/L		02/19/26 17:24	02/19/26 18:26	1

Client Sample ID: WAN-WGWC-8A

Lab Sample ID: 705-57736-12

Date Collected: 02/13/26 09:30

Matrix: Water

Date Received: 02/13/26 15:55

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**69**		1.0	0.98	mg/L			02/20/26 02:01	1
Fluoride	**3.6**		0.20	0.081	mg/L			02/20/26 02:01	1
Sulfate	**76**		1.0	0.77	mg/L			02/20/26 02:01	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**0.25**		0.080	0.026	mg/L		02/19/26 12:40	02/22/26 16:31	1
Calcium	**36**		0.10	0.038	mg/L		02/19/26 12:40	02/22/26 16:31	1
Lithium	**0.12**		0.020	0.0037	mg/L		02/19/26 12:40	02/26/26 13:51	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-57736-1

Client Sample ID: WAN-WGWC-8A

Lab Sample ID: 705-57736-12

Date Collected: 02/13/26 09:30
Matrix: Water
Date Received: 02/13/26 15:55

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		02/18/26 08:35	02/18/26 20:40	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		02/18/26 08:35	02/18/26 20:40	1
Barium	**0.012**		0.010	0.00041	mg/L		02/18/26 08:35	02/18/26 20:40	1
Beryllium	**0.0033**		0.0010	0.00015	mg/L		02/18/26 08:35	02/18/26 20:40	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		02/18/26 08:35	02/18/26 20:40	1
Chromium	<0.0037		0.0050	0.0037	mg/L		02/18/26 08:35	02/18/26 20:40	1
Cobalt	**0.0032**	**J**	0.0050	0.00041	mg/L		02/18/26 08:35	02/18/26 20:40	1
Iron	**4.9**		0.10	0.018	mg/L		02/18/26 08:35	02/18/26 20:40	1
Lead	<0.00086		0.0010	0.00086	mg/L		02/18/26 08:35	02/18/26 20:40	1
Magnesium	**10**		0.10	0.016	mg/L		02/18/26 08:35	02/18/26 20:40	1
Manganese	**2.0**		0.0050	0.0013	mg/L		02/18/26 08:35	02/18/26 20:40	1
Molybdenum	**0.0092**		0.0050	0.00069	mg/L		02/18/26 08:35	02/18/26 20:40	1
Potassium	**5.2**		0.10	0.044	mg/L		02/18/26 08:35	02/19/26 13:33	1
Selenium	<0.0023		0.0050	0.0023	mg/L		02/18/26 08:35	02/18/26 20:40	1
Sodium	**42**		0.50	0.25	mg/L		02/18/26 08:35	02/18/26 20:40	1
Thallium	<0.00019		0.0010	0.00019	mg/L		02/18/26 08:35	02/18/26 20:40	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		02/27/26 11:45	02/27/26 20:01	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**59**		3.0	3.0	mg/L			02/26/26 09:28	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**59**		3.0	3.0	mg/L			02/26/26 09:28	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			02/26/26 09:28	1
Total Dissolved Solids (SM 2540C - 2015)	**330**		10	10	mg/L			02/18/26 15:45	1
Sulfide (SM 4500 S2 F-2011)	<1.0		1.0	1.0	mg/L		02/20/26 10:26	02/20/26 12:02	1

Client Sample ID: WAN-WGWC-9

Lab Sample ID: 705-57736-13

Date Collected: 02/13/26 09:55
Matrix: Water
Date Received: 02/13/26 15:55

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**5.9**		1.0	0.98	mg/L			02/20/26 03:45	1
Fluoride	**0.96**		0.20	0.081	mg/L			02/20/26 03:45	1
Sulfate	**78**		1.0	0.77	mg/L			02/20/26 03:45	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**0.61**		0.080	0.026	mg/L		02/19/26 12:40	02/22/26 16:34	1
Calcium	**12**		0.10	0.038	mg/L		02/19/26 12:40	02/22/26 16:34	1
Lithium	**0.036**		0.020	0.0037	mg/L		02/19/26 12:40	02/26/26 13:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		02/18/26 08:35	02/18/26 20:43	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-57736-1

Client Sample ID: WAN-WGWC-9

Lab Sample ID: 705-57736-13

Date Collected: 02/13/26 09:55
Date Received: 02/13/26 15:55

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.0013		0.0050	0.0013	mg/L		02/18/26 08:35	02/18/26 20:43	1
Barium	<0.00041		0.010	0.00041	mg/L		02/18/26 08:35	02/18/26 20:43	1
Beryllium	**0.00041**	**J**	0.0010	0.00015	mg/L		02/18/26 08:35	02/18/26 20:43	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		02/18/26 08:35	02/18/26 20:43	1
Chromium	<0.0037		0.0050	0.0037	mg/L		02/18/26 08:35	02/18/26 20:43	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		02/18/26 08:35	02/18/26 20:43	1
Iron	**0.032**	**J**	0.10	0.018	mg/L		02/18/26 08:35	02/18/26 20:43	1
Lead	<0.00086		0.0010	0.00086	mg/L		02/18/26 08:35	02/18/26 20:43	1
Magnesium	**3.8**		0.10	0.016	mg/L		02/18/26 08:35	02/18/26 20:43	1
Manganese	**0.0058**		0.0050	0.0013	mg/L		02/18/26 08:35	02/18/26 20:43	1
Molybdenum	**0.0021**	**J**	0.0050	0.00069	mg/L		02/18/26 08:35	02/18/26 20:43	1
Potassium	**1.7**		0.10	0.044	mg/L		02/18/26 08:35	02/19/26 13:35	1
Selenium	**0.0032**	**J**	0.0050	0.0023	mg/L		02/18/26 08:35	02/18/26 20:43	1
Sodium	**29**		0.50	0.25	mg/L		02/18/26 08:35	02/18/26 20:43	1
Thallium	<0.00019		0.0010	0.00019	mg/L		02/18/26 08:35	02/18/26 20:43	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		03/03/26 10:28	03/03/26 16:54	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Alkalinity as CaCO3 (SM 2320B-2011)	**17**		3.0	3.0	mg/L			02/26/26 09:28	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B-2011)	**17**		3.0	3.0	mg/L			02/26/26 09:28	1
Carbonate Alkalinity as CaCO3 (SM 2320B-2011)	<3.0		3.0	3.0	mg/L			02/26/26 09:28	1
Total Dissolved Solids (SM 2540C - 2015)	**190**		10	10	mg/L			02/18/26 15:45	1
Sulfide (SM 4500 S2 F-2011)	<1.0		1.0	1.0	mg/L		02/20/26 10:26	02/20/26 12:02	1

Method Summary

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-57736-1

Method	Method Description	Protocol	Laboratory
300.0	Anions, Ion Chromatography	EPA	EET ATL 2
6010D	Metals (ICP)	SW846	EET ATL
6020B	Metals (ICP/MS)	SW846	EET ATL
7470A	Mercury (CVAA)	SW846	EET ATL
2320B-2011	Alkalinity, Total	SM	EET ATL
2540C - 2015	Total Dissolved Solids (Dried at 180 °C)	SM	EET ATL
4500 S2 F-2011	Sulfide, Total	SM	EET ATL
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET ATL
3010A	Preparation, Total Metals	SW846	EET ATL
7470A	Preparation, Mercury	SW846	EET ATL
SM 4500 S2 C	Sulfide, Sample Pretreatment/Concentration	SM	EET ATL

Protocol References:

EPA = US Environmental Protection Agency

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

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

Laboratory References:

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

EET ATL 2 = Eurofins Atlanta Building A, 3080 Presidential Pkwy, Atlanta, GA 30340, TEL (770)457-8177

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 705-115351/100
Matrix: Water
Analysis Batch: 115351

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.98		1.0	0.98	mg/L			02/19/26 20:26	1
Fluoride	<0.081		0.20	0.081	mg/L			02/19/26 20:26	1
Sulfate	<0.77		1.0	0.77	mg/L			02/19/26 20:26	1

Lab Sample ID: LCS 705-115351/101
Matrix: Water
Analysis Batch: 115351

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	10.6		mg/L		106	90 - 110
Fluoride	5.00	5.49		mg/L		110	90 - 110
Sulfate	25.0	26.6		mg/L		107	90 - 110

Lab Sample ID: 705-57736-9 MS
Matrix: Water
Analysis Batch: 115351

Client Sample ID: WAN-AP1-FB-14
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	<0.98		10.0	10.5		mg/L		105	90 - 110
Fluoride	0.10	J	5.00	5.60		mg/L		110	90 - 110
Sulfate	<0.77		25.0	26.1		mg/L		105	90 - 110

Lab Sample ID: 705-57736-9 MSD
Matrix: Water
Analysis Batch: 115351

Client Sample ID: WAN-AP1-FB-14
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	<0.98		10.0	10.5		mg/L		105	90 - 110	0	20
Fluoride	0.10	J	5.00	5.57		mg/L		109	90 - 110	1	20
Sulfate	<0.77		25.0	26.2		mg/L		105	90 - 110	0	20

Lab Sample ID: MB 705-115589/3
Matrix: Water
Analysis Batch: 115589

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.98		1.0	0.98	mg/L			02/20/26 11:14	1
Fluoride	<0.081		0.20	0.081	mg/L			02/20/26 11:14	1
Sulfate	<0.77		1.0	0.77	mg/L			02/20/26 11:14	1

Lab Sample ID: LCS 705-115589/4
Matrix: Water
Analysis Batch: 115589

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	9.28		mg/L		93	90 - 110
Fluoride	5.00	4.79		mg/L		96	90 - 110
Sulfate	25.0	24.1		mg/L		97	90 - 110

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 705-57798-F-28 MS — **Client Sample ID: Matrix Spike**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 115589

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	3.3	F1	10.0	12.1	F1	mg/L		87	90 - 110
Fluoride	0.14	J F1	5.00	4.60	F1	mg/L		89	90 - 110
Sulfate	1.6		25.0	24.1		mg/L		90	90 - 110

Lab Sample ID: 705-57798-F-28 MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 115589

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	3.3	F1	10.0	12.1	F1	mg/L		87	90 - 110	0	20
Fluoride	0.14	J F1	5.00	4.97		mg/L		97	90 - 110	8	20
Sulfate	1.6		25.0	24.5		mg/L		91	90 - 110	2	20

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 705-114644/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 115344 — **Prep Batch: 114644**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		02/17/26 10:13	02/19/26 09:26	1
Calcium	<0.038		0.10	0.038	mg/L		02/17/26 10:13	02/19/26 09:26	1
Lithium	<0.0037		0.020	0.0037	mg/L		02/17/26 10:13	02/19/26 09:26	1

Lab Sample ID: LCS 705-114644/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 115344 — **Prep Batch: 114644**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	1.00	1.03		mg/L		103	80 - 120
Calcium	10.0	10.5		mg/L		105	80 - 120
Lithium	1.00	1.02		mg/L		102	80 - 120

Lab Sample ID: 400-290060-K-1-B MS — **Client Sample ID: Matrix Spike**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 115344 — **Prep Batch: 114644**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	0.13		1.00	1.15		mg/L		102	75 - 125
Calcium	48		10.0	58.0	4	mg/L		102	75 - 125
Lithium	<0.0037		1.00	1.08		mg/L		108	75 - 125

Lab Sample ID: 400-290060-K-1-C MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 115344 — **Prep Batch: 114644**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Boron	0.13		1.00	1.14		mg/L		102	75 - 125	1	20
Calcium	48		10.0	58.3	4	mg/L		105	75 - 125	1	20
Lithium	<0.0037		1.00	1.08		mg/L		108	75 - 125	0	20

QC Sample Results

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-57736-1

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 705-114942/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 115473 — **Prep Batch: 114942**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		02/18/26 10:40	02/19/26 11:49	1
Calcium	<0.038		0.10	0.038	mg/L		02/18/26 10:40	02/19/26 11:49	1
Lithium	<0.0037		0.020	0.0037	mg/L		02/18/26 10:40	02/19/26 11:49	1

Lab Sample ID: LCS 705-114942/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 115473 — **Prep Batch: 114942**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	1.00	1.01		mg/L		101	80 - 120
Calcium	10.0	10.4		mg/L		104	80 - 120
Lithium	1.00	1.05		mg/L		105	80 - 120

Lab Sample ID: 400-290109-E-1-B MS — **Client Sample ID: Matrix Spike**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 115473 — **Prep Batch: 114942**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	<0.026		1.00	1.03		mg/L		103	75 - 125
Calcium	0.59		10.0	11.0		mg/L		104	75 - 125
Lithium	<0.0037		1.00	1.07		mg/L		107	75 - 125

Lab Sample ID: 400-290109-E-1-C MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 115473 — **Prep Batch: 114942**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Boron	<0.026		1.00	1.03		mg/L		103	75 - 125	1	20
Calcium	0.59		10.0	10.9		mg/L		104	75 - 125	0	20
Lithium	<0.0037		1.00	1.06		mg/L		106	75 - 125	1	20

Lab Sample ID: MB 705-115328/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 115860 — **Prep Batch: 115328**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		02/19/26 12:40	02/22/26 15:19	1
Calcium	<0.038		0.10	0.038	mg/L		02/19/26 12:40	02/22/26 15:19	1
Lithium	<0.0037	^+	0.020	0.0037	mg/L		02/19/26 12:40	02/22/26 15:19	1

Lab Sample ID: LCS 705-115328/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 115860 — **Prep Batch: 115328**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	1.00	0.976		mg/L		98	80 - 120
Calcium	10.0	9.56		mg/L		96	80 - 120
Lithium	1.00	1.02	^+	mg/L		102	80 - 120

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: 705-57849-A-18-B MS — **Client Sample ID: Matrix Spike**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 115860 — **Prep Batch: 115328**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	<0.026		1.00	1.00		mg/L		100	75 - 125
Calcium	61		10.0	69.8	4	mg/L		86	75 - 125
Lithium	<0.0037	^+	1.00	1.12	^+	mg/L		112	75 - 125

Lab Sample ID: 705-57849-A-18-C MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 115860 — **Prep Batch: 115328**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Boron	<0.026		1.00	1.00		mg/L		100	75 - 125	0	20
Calcium	61		10.0	69.8	4	mg/L		86	75 - 125	0	20
Lithium	<0.0037	^+	1.00	1.13	^+	mg/L		113	75 - 125	1	20

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 705-114743/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 115255 — **Prep Batch: 114743**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		02/17/26 14:15	02/18/26 16:33	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		02/17/26 14:15	02/18/26 16:33	1
Barium	<0.00041		0.010	0.00041	mg/L		02/17/26 14:15	02/18/26 16:33	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		02/17/26 14:15	02/18/26 16:33	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		02/17/26 14:15	02/18/26 16:33	1
Chromium	<0.0037		0.0050	0.0037	mg/L		02/17/26 14:15	02/18/26 16:33	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		02/17/26 14:15	02/18/26 16:33	1
Iron	<0.018		0.10	0.018	mg/L		02/17/26 14:15	02/18/26 16:33	1
Lead	<0.00086		0.0010	0.00086	mg/L		02/17/26 14:15	02/18/26 16:33	1
Magnesium	<0.016		0.10	0.016	mg/L		02/17/26 14:15	02/18/26 16:33	1
Manganese	<0.0013		0.0050	0.0013	mg/L		02/17/26 14:15	02/18/26 16:33	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		02/17/26 14:15	02/18/26 16:33	1
Potassium	<0.044		0.10	0.044	mg/L		02/17/26 14:15	02/18/26 16:33	1
Selenium	<0.0023		0.0050	0.0023	mg/L		02/17/26 14:15	02/18/26 16:33	1
Sodium	<0.25		0.50	0.25	mg/L		02/17/26 14:15	02/18/26 16:33	1
Thallium	0.000358	J	0.0010	0.00019	mg/L		02/17/26 14:15	02/18/26 16:33	1

Lab Sample ID: LCS 705-114743/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 115255 — **Prep Batch: 114743**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.100	0.0994		mg/L		99	80 - 120
Arsenic	0.100	0.104		mg/L		104	80 - 120
Barium	0.100	0.0959		mg/L		96	80 - 120
Beryllium	0.100	0.0988		mg/L		99	80 - 120
Cadmium	0.100	0.0971		mg/L		97	80 - 120
Chromium	0.100	0.104		mg/L		104	80 - 120
Cobalt	0.100	0.105		mg/L		105	80 - 120

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

Lab Sample ID: LCS 705-114743/2-A
Matrix: Water
Analysis Batch: 115255

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 114743

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Iron	1.00	1.04		mg/L		104	80 - 120
Lead	0.100	0.106		mg/L		106	80 - 120
Magnesium	1.00	1.04		mg/L		104	80 - 120
Manganese	0.100	0.0999		mg/L		100	80 - 120
Molybdenum	0.100	0.0983		mg/L		98	80 - 120
Potassium	1.00	0.919		mg/L		92	80 - 120
Selenium	0.100	0.0983		mg/L		98	80 - 120
Sodium	1.00	1.07		mg/L		107	80 - 120
Thallium	0.100	0.105		mg/L		105	80 - 120

Lab Sample ID: 705-57736-4 MS
Matrix: Water
Analysis Batch: 115255

Client Sample ID: WAN-PZ-31
Prep Type: Total Recoverable
Prep Batch: 114743

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<0.0025		0.100	0.0984		mg/L		98	75 - 125
Arsenic	<0.0013		0.100	0.103		mg/L		103	75 - 125
Barium	0.060		0.100	0.154		mg/L		94	75 - 125
Beryllium	0.00064	J	0.100	0.0984		mg/L		98	75 - 125
Cadmium	<0.00024		0.100	0.0942		mg/L		94	75 - 125
Chromium	<0.0037		0.100	0.103		mg/L		103	75 - 125
Cobalt	<0.00041		0.100	0.103		mg/L		103	75 - 125
Iron	0.046	J	1.00	1.06		mg/L		101	75 - 125
Lead	0.0012		0.100	0.105		mg/L		104	75 - 125
Magnesium	1.7		1.00	2.63		mg/L		95	75 - 125
Manganese	0.040		0.100	0.133		mg/L		93	75 - 125
Molybdenum	<0.00069		0.100	0.0983		mg/L		98	75 - 125
Potassium	1.6		1.00	2.57		mg/L		98	75 - 125
Selenium	<0.0023		0.100	0.0977		mg/L		98	75 - 125
Sodium	4.1		1.00	5.00	4	mg/L		87	75 - 125
Thallium	0.00038	J B	0.100	0.102		mg/L		102	75 - 125

Lab Sample ID: 705-57736-4 MSD
Matrix: Water
Analysis Batch: 115255

Client Sample ID: WAN-PZ-31
Prep Type: Total Recoverable
Prep Batch: 114743

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	<0.0025		0.100	0.0996		mg/L		100	75 - 125	1	20
Arsenic	<0.0013		0.100	0.102		mg/L		102	75 - 125	0	20
Barium	0.060		0.100	0.158		mg/L		98	75 - 125	2	20
Beryllium	0.00064	J	0.100	0.102		mg/L		102	75 - 125	4	20
Cadmium	<0.00024		0.100	0.0968		mg/L		97	75 - 125	3	20
Chromium	<0.0037		0.100	0.105		mg/L		105	75 - 125	2	20
Cobalt	<0.00041		0.100	0.105		mg/L		105	75 - 125	2	20
Iron	0.046	J	1.00	1.10		mg/L		105	75 - 125	4	20
Lead	0.0012		0.100	0.109		mg/L		108	75 - 125	3	20
Magnesium	1.7		1.00	2.66		mg/L		98	75 - 125	1	20
Manganese	0.040		0.100	0.136		mg/L		96	75 - 125	2	20
Molybdenum	<0.00069		0.100	0.101		mg/L		101	75 - 125	2	20

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

Lab Sample ID: 705-57736-4 MSD — **Client Sample ID: WAN-PZ-31**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 115255 — **Prep Batch: 114743**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Potassium	1.6		1.00	2.65		mg/L		106	75 - 125	3	20
Selenium	<0.0023		0.100	0.0995		mg/L		100	75 - 125	2	20
Sodium	4.1		1.00	5.11	4	mg/L		98	75 - 125	2	20
Thallium	0.00038	J B	0.100	0.105		mg/L		105	75 - 125	3	20

Lab Sample ID: MB 705-114911/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 115256 — **Prep Batch: 114911**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		02/18/26 08:35	02/18/26 19:09	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		02/18/26 08:35	02/18/26 19:09	1
Barium	<0.00041		0.010	0.00041	mg/L		02/18/26 08:35	02/18/26 19:09	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		02/18/26 08:35	02/18/26 19:09	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		02/18/26 08:35	02/18/26 19:09	1
Chromium	<0.0037		0.0050	0.0037	mg/L		02/18/26 08:35	02/18/26 19:09	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		02/18/26 08:35	02/18/26 19:09	1
Iron	<0.018		0.10	0.018	mg/L		02/18/26 08:35	02/18/26 19:09	1
Lead	<0.00086		0.0010	0.00086	mg/L		02/18/26 08:35	02/18/26 19:09	1
Magnesium	<0.016		0.10	0.016	mg/L		02/18/26 08:35	02/18/26 19:09	1
Manganese	<0.0013		0.0050	0.0013	mg/L		02/18/26 08:35	02/18/26 19:09	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		02/18/26 08:35	02/18/26 19:09	1
Potassium	<0.044	^-	0.10	0.044	mg/L		02/18/26 08:35	02/18/26 19:09	1
Selenium	<0.0023		0.0050	0.0023	mg/L		02/18/26 08:35	02/18/26 19:09	1
Sodium	<0.25		0.50	0.25	mg/L		02/18/26 08:35	02/18/26 19:09	1
Thallium	0.000273	J	0.0010	0.00019	mg/L		02/18/26 08:35	02/18/26 19:09	1

Lab Sample ID: LCS 705-114911/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 115256 — **Prep Batch: 114911**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.100	0.0981		mg/L		98	80 - 120
Arsenic	0.100	0.0985		mg/L		98	80 - 120
Barium	0.100	0.0941		mg/L		94	80 - 120
Beryllium	0.100	0.100		mg/L		100	80 - 120
Cadmium	0.100	0.0976		mg/L		98	80 - 120
Chromium	0.100	0.0990		mg/L		99	80 - 120
Cobalt	0.100	0.103		mg/L		103	80 - 120
Iron	1.00	1.02		mg/L		102	80 - 120
Lead	0.100	0.107		mg/L		107	80 - 120
Magnesium	1.00	1.02		mg/L		102	80 - 120
Manganese	0.100	0.0996		mg/L		100	80 - 120
Molybdenum	0.100	0.101		mg/L		101	80 - 120
Potassium	1.00	0.956	^-	mg/L		96	80 - 120
Selenium	0.100	0.101		mg/L		101	80 - 120
Sodium	1.00	0.979		mg/L		98	80 - 120
Thallium	0.100	0.107		mg/L		107	80 - 120

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

Lab Sample ID: 705-57736-10 MS
Matrix: Water
Analysis Batch: 115256

Client Sample ID: WAN-AP1-EB-03
Prep Type: Total Recoverable
Prep Batch: 114911

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<0.0025		0.100	0.0978		mg/L		98	75 - 125
Arsenic	<0.0013		0.100	0.108		mg/L		108	75 - 125
Barium	<0.00041		0.100	0.0946		mg/L		95	75 - 125
Beryllium	<0.00015		0.100	0.102		mg/L		102	75 - 125
Cadmium	<0.00024		0.100	0.0957		mg/L		96	75 - 125
Chromium	<0.0037		0.100	0.103		mg/L		103	75 - 125
Cobalt	<0.00041		0.100	0.107		mg/L		107	75 - 125
Iron	0.046	J	1.00	1.05		mg/L		101	75 - 125
Lead	<0.00086		0.100	0.107		mg/L		107	75 - 125
Magnesium	<0.016		1.00	1.04		mg/L		104	75 - 125
Manganese	<0.0013		0.100	0.103		mg/L		103	75 - 125
Molybdenum	<0.00069		0.100	0.0989		mg/L		99	75 - 125
Potassium	<0.044	^-	1.00	0.865		mg/L		87	75 - 125
Selenium	<0.0023		0.100	0.103		mg/L		103	75 - 125
Sodium	<0.25		1.00	1.03		mg/L		103	75 - 125
Thallium	0.00019	J B	0.100	0.107		mg/L		106	75 - 125

Lab Sample ID: 705-57736-10 MSD
Matrix: Water
Analysis Batch: 115256

Client Sample ID: WAN-AP1-EB-03
Prep Type: Total Recoverable
Prep Batch: 114911

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	<0.0025		0.100	0.101		mg/L		101	75 - 125	3	20
Arsenic	<0.0013		0.100	0.102		mg/L		102	75 - 125	5	20
Barium	<0.00041		0.100	0.0950		mg/L		95	75 - 125	0	20
Beryllium	<0.00015		0.100	0.0987		mg/L		99	75 - 125	3	20
Cadmium	<0.00024		0.100	0.0959		mg/L		96	75 - 125	0	20
Chromium	<0.0037		0.100	0.102		mg/L		102	75 - 125	1	20
Cobalt	<0.00041		0.100	0.106		mg/L		106	75 - 125	1	20
Iron	0.046	J	1.00	1.06		mg/L		102	75 - 125	1	20
Lead	<0.00086		0.100	0.106		mg/L		106	75 - 125	1	20
Magnesium	<0.016		1.00	1.02		mg/L		102	75 - 125	2	20
Manganese	<0.0013		0.100	0.102		mg/L		102	75 - 125	1	20
Molybdenum	<0.00069		0.100	0.0978		mg/L		98	75 - 125	1	20
Potassium	<0.044	^-	1.00	0.916		mg/L		92	75 - 125	6	20
Selenium	<0.0023		0.100	0.101		mg/L		101	75 - 125	2	20
Sodium	<0.25		1.00	1.01		mg/L		101	75 - 125	2	20
Thallium	0.00019	J B	0.100	0.107		mg/L		107	75 - 125	0	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 705-116972/1-A
Matrix: Water
Analysis Batch: 117380

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 116972

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		02/27/26 11:45	02/27/26 18:56	1

Method: 7470A - Mercury (CVAA) (Continued)

Lab Sample ID: LCS 705-116972/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 117380 — **Prep Batch: 116972**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			0.00800	0.00798		mg/L		100	80 - 120		

Lab Sample ID: 705-57736-1 MS — **Client Sample ID: WAN-WGWC-28D**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 117380 — **Prep Batch: 116972**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury	<0.00017		0.00800	0.00823		mg/L		103	75 - 125		

Lab Sample ID: 705-57736-1 MSD — **Client Sample ID: WAN-WGWC-28D**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 117380 — **Prep Batch: 116972**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.00017		0.00800	0.00811		mg/L		101	75 - 125	1	20

Lab Sample ID: MB 705-117570/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 117814 — **Prep Batch: 117570**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		03/03/26 10:28	03/03/26 16:00	1

Lab Sample ID: LCS 705-117570/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 117814 — **Prep Batch: 117570**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			0.00400	0.00408		mg/L		102	80 - 120		

Lab Sample ID: 752-42278-B-3-E MS — **Client Sample ID: Matrix Spike**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 117814 — **Prep Batch: 117570**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury	<0.00017		0.00400	0.00420		mg/L		105	75 - 125		

Lab Sample ID: 752-42278-B-3-F MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 117814 — **Prep Batch: 117570**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.00017		0.00400	0.00417		mg/L		104	75 - 125	1	20

QC Sample Results

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-57736-1

Method: 2320B-2011 - Alkalinity, Total

Lab Sample ID: LCS 705-116693/1 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 116693

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Alkalinity as CaCO3			125	137		mg/L		110	90 - 110		

Lab Sample ID: 785-6720-B-1 DU — **Client Sample ID: Duplicate**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 116693

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Alkalinity as CaCO3	210			206		mg/L				3	30
Bicarbonate Alkalinity as CaCO3	210			206		mg/L				3	30
Carbonate Alkalinity as CaCO3	<3.0			<3.0		mg/L				NC	30

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

Lab Sample ID: MB 705-115001/1 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 115001

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			02/18/26 15:45	1

Lab Sample ID: LCS 705-115001/2 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 115001

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Dissolved Solids			996	976		mg/L		98	80 - 120		

Lab Sample ID: 705-57521-A-1 DU — **Client Sample ID: Duplicate**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 115001

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	590			598		mg/L				1	10

Lab Sample ID: MB 705-115321/1 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 115321

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			02/19/26 16:15	1

Lab Sample ID: LCS 705-115321/2 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 115321

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Dissolved Solids			498	512		mg/L		103	80 - 120		

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

Lab Sample ID: 705-57736-1 DU — **Client Sample ID: WAN-WGWC-28D**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 115321

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	2100			2070		mg/L				1	10

Method: 4500 S2 F-2011 - Sulfide, Total

Lab Sample ID: MB 705-114675/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 114695 — **Prep Batch: 114675**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide	<1.0		1.0	1.0	mg/L		02/17/26 10:02	02/17/26 12:05	1

Lab Sample ID: LCS 705-114675/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 114695 — **Prep Batch: 114675**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Sulfide			28.9	28.8		mg/L		100	90 - 110		

Lab Sample ID: 705-57432-B-10-B MS — **Client Sample ID: Matrix Spike**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 114695 — **Prep Batch: 114675**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Sulfide	<1.0	F1	28.9	17.2	F1	mg/L		60	80 - 120		

Lab Sample ID: 705-57432-B-10-C MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 114695 — **Prep Batch: 114675**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfide	<1.0	F1	28.9	18.0	F1	mg/L		62	80 - 120	5	20

Lab Sample ID: MB 705-115429/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 115430 — **Prep Batch: 115429**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfide	<1.0		1.0	1.0	mg/L		02/19/26 17:24	02/19/26 18:26	1

Lab Sample ID: LCS 705-115429/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 115430 — **Prep Batch: 115429**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Sulfide			22.5	22.4		mg/L		100	90 - 110		

Method: 4500 S2 F-2011 - Sulfide, Total (Continued)

Lab Sample ID: 705-57736-9 MS
Matrix: Water
Analysis Batch: 115430

Client Sample ID: WAN-AP1-FB-14
Prep Type: Total/NA
Prep Batch: 115429

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Sulfide	<1.0	F1	22.5	15.6	F1	mg/L		69	80 - 120		

Lab Sample ID: 705-57736-9 MSD
Matrix: Water
Analysis Batch: 115430

Client Sample ID: WAN-AP1-FB-14
Prep Type: Total/NA
Prep Batch: 115429

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfide	<1.0	F1	22.5	16.0	F1	mg/L		71	80 - 120	3	20

QC Association Summary

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-57736-1

HPLC/IC

Analysis Batch: 115351

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-57736-1	WAN-WGWC-28D	Total/NA	Water	300.0	
705-57736-2	WAN-PZ-23D	Total/NA	Water	300.0	
705-57736-3	WAN-PZ-26D	Total/NA	Water	300.0	
705-57736-4	WAN-PZ-31	Total/NA	Water	300.0	
705-57736-5	WAN-PZ-32D	Total/NA	Water	300.0	
705-57736-6	WAN-PZ-33D	Total/NA	Water	300.0	
705-57736-7	WAN-WAMW-1	Total/NA	Water	300.0	
705-57736-8	WAN-AP1-FD-08	Total/NA	Water	300.0	
705-57736-9	WAN-AP1-FB-14	Total/NA	Water	300.0	
705-57736-10	WAN-AP1-EB-03	Total/NA	Water	300.0	
705-57736-11	WAN-AP1-EB-08	Total/NA	Water	300.0	
705-57736-12	WAN-WGWC-8A	Total/NA	Water	300.0	
705-57736-13	WAN-WGWC-9	Total/NA	Water	300.0	
MB 705-115351/100	Method Blank	Total/NA	Water	300.0	
LCS 705-115351/101	Lab Control Sample	Total/NA	Water	300.0	
705-57736-9 MS	WAN-AP1-FB-14	Total/NA	Water	300.0	
705-57736-9 MSD	WAN-AP1-FB-14	Total/NA	Water	300.0	

Analysis Batch: 115589

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-57736-1	WAN-WGWC-28D	Total/NA	Water	300.0	
705-57736-5	WAN-PZ-32D	Total/NA	Water	300.0	
MB 705-115589/3	Method Blank	Total/NA	Water	300.0	
LCS 705-115589/4	Lab Control Sample	Total/NA	Water	300.0	
705-57798-F-28 MS	Matrix Spike	Total/NA	Water	300.0	
705-57798-F-28 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0	

Metals

Prep Batch: 114644

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-57736-1	WAN-WGWC-28D	Total/NA	Water	3010A	
705-57736-2	WAN-PZ-23D	Total/NA	Water	3010A	
705-57736-3	WAN-PZ-26D	Total/NA	Water	3010A	
MB 705-114644/1-A	Method Blank	Total/NA	Water	3010A	
LCS 705-114644/2-A	Lab Control Sample	Total/NA	Water	3010A	
400-290060-K-1-B MS	Matrix Spike	Total/NA	Water	3010A	
400-290060-K-1-C MSD	Matrix Spike Duplicate	Total/NA	Water	3010A	

Prep Batch: 114743

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-57736-4	WAN-PZ-31	Total Recoverable	Water	3005A	
705-57736-5	WAN-PZ-32D	Total Recoverable	Water	3005A	
705-57736-6	WAN-PZ-33D	Total Recoverable	Water	3005A	
705-57736-7	WAN-WAMW-1	Total Recoverable	Water	3005A	
705-57736-9	WAN-AP1-FB-14	Total Recoverable	Water	3005A	
MB 705-114743/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 705-114743/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
705-57736-4 MS	WAN-PZ-31	Total Recoverable	Water	3005A	
705-57736-4 MSD	WAN-PZ-31	Total Recoverable	Water	3005A	

QC Association Summary

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-57736-1

Metals

Prep Batch: 114911

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-57736-1	WAN-WGWC-28D	Total Recoverable	Water	3005A	
705-57736-2	WAN-PZ-23D	Total Recoverable	Water	3005A	
705-57736-3	WAN-PZ-26D	Total Recoverable	Water	3005A	
705-57736-8	WAN-AP1-FD-08	Total Recoverable	Water	3005A	
705-57736-10	WAN-AP1-EB-03	Total Recoverable	Water	3005A	
705-57736-11	WAN-AP1-EB-08	Total Recoverable	Water	3005A	
705-57736-12	WAN-WGWC-8A	Total Recoverable	Water	3005A	
705-57736-13	WAN-WGWC-9	Total Recoverable	Water	3005A	
MB 705-114911/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 705-114911/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
705-57736-10 MS	WAN-AP1-EB-03	Total Recoverable	Water	3005A	
705-57736-10 MSD	WAN-AP1-EB-03	Total Recoverable	Water	3005A	

Prep Batch: 114942

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-57736-4	WAN-PZ-31	Total/NA	Water	3010A	
705-57736-5	WAN-PZ-32D	Total/NA	Water	3010A	
705-57736-6	WAN-PZ-33D	Total/NA	Water	3010A	
705-57736-7	WAN-WAMW-1	Total/NA	Water	3010A	
705-57736-9	WAN-AP1-FB-14	Total/NA	Water	3010A	
MB 705-114942/1-A	Method Blank	Total/NA	Water	3010A	
LCS 705-114942/2-A	Lab Control Sample	Total/NA	Water	3010A	
400-290109-E-1-B MS	Matrix Spike	Total/NA	Water	3010A	
400-290109-E-1-C MSD	Matrix Spike Duplicate	Total/NA	Water	3010A	

Analysis Batch: 115255

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-57736-4	WAN-PZ-31	Total Recoverable	Water	6020B	114743
705-57736-5	WAN-PZ-32D	Total Recoverable	Water	6020B	114743
705-57736-5	WAN-PZ-32D	Total Recoverable	Water	6020B	114743
705-57736-6	WAN-PZ-33D	Total Recoverable	Water	6020B	114743
705-57736-6	WAN-PZ-33D	Total Recoverable	Water	6020B	114743
705-57736-7	WAN-WAMW-1	Total Recoverable	Water	6020B	114743
705-57736-9	WAN-AP1-FB-14	Total Recoverable	Water	6020B	114743
MB 705-114743/1-A	Method Blank	Total Recoverable	Water	6020B	114743
LCS 705-114743/2-A	Lab Control Sample	Total Recoverable	Water	6020B	114743
705-57736-4 MS	WAN-PZ-31	Total Recoverable	Water	6020B	114743
705-57736-4 MSD	WAN-PZ-31	Total Recoverable	Water	6020B	114743

Analysis Batch: 115256

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-57736-1	WAN-WGWC-28D	Total Recoverable	Water	6020B	114911
705-57736-1	WAN-WGWC-28D	Total Recoverable	Water	6020B	114911
705-57736-2	WAN-PZ-23D	Total Recoverable	Water	6020B	114911
705-57736-3	WAN-PZ-26D	Total Recoverable	Water	6020B	114911
705-57736-8	WAN-AP1-FD-08	Total Recoverable	Water	6020B	114911
705-57736-10	WAN-AP1-EB-03	Total Recoverable	Water	6020B	114911
705-57736-11	WAN-AP1-EB-08	Total Recoverable	Water	6020B	114911
705-57736-12	WAN-WGWC-8A	Total Recoverable	Water	6020B	114911
705-57736-13	WAN-WGWC-9	Total Recoverable	Water	6020B	114911
MB 705-114911/1-A	Method Blank	Total Recoverable	Water	6020B	114911

Metals (Continued)

Analysis Batch: 115256 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 705-114911/2-A	Lab Control Sample	Total Recoverable	Water	6020B	114911
705-57736-10 MS	WAN-AP1-EB-03	Total Recoverable	Water	6020B	114911
705-57736-10 MSD	WAN-AP1-EB-03	Total Recoverable	Water	6020B	114911

Prep Batch: 115328

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-57736-8	WAN-AP1-FD-08	Total/NA	Water	3010A	
705-57736-10	WAN-AP1-EB-03	Total/NA	Water	3010A	
705-57736-11	WAN-AP1-EB-08	Total/NA	Water	3010A	
705-57736-12	WAN-WGWC-8A	Total/NA	Water	3010A	
705-57736-13	WAN-WGWC-9	Total/NA	Water	3010A	
MB 705-115328/1-A	Method Blank	Total/NA	Water	3010A	
LCS 705-115328/2-A	Lab Control Sample	Total/NA	Water	3010A	
705-57849-A-18-B MS	Matrix Spike	Total/NA	Water	3010A	
705-57849-A-18-C MSD	Matrix Spike Duplicate	Total/NA	Water	3010A	

Analysis Batch: 115344

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-57736-1	WAN-WGWC-28D	Total/NA	Water	6010D	114644
705-57736-2	WAN-PZ-23D	Total/NA	Water	6010D	114644
705-57736-3	WAN-PZ-26D	Total/NA	Water	6010D	114644
MB 705-114644/1-A	Method Blank	Total/NA	Water	6010D	114644
LCS 705-114644/2-A	Lab Control Sample	Total/NA	Water	6010D	114644
400-290060-K-1-B MS	Matrix Spike	Total/NA	Water	6010D	114644
400-290060-K-1-C MSD	Matrix Spike Duplicate	Total/NA	Water	6010D	114644

Analysis Batch: 115380

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-57736-1	WAN-WGWC-28D	Total Recoverable	Water	6020B	114911
705-57736-2	WAN-PZ-23D	Total Recoverable	Water	6020B	114911
705-57736-3	WAN-PZ-26D	Total Recoverable	Water	6020B	114911
705-57736-7	WAN-WAMW-1	Total Recoverable	Water	6020B	114743
705-57736-8	WAN-AP1-FD-08	Total Recoverable	Water	6020B	114911
705-57736-9	WAN-AP1-FB-14	Total Recoverable	Water	6020B	114743
705-57736-10	WAN-AP1-EB-03	Total Recoverable	Water	6020B	114911
705-57736-11	WAN-AP1-EB-08	Total Recoverable	Water	6020B	114911
705-57736-12	WAN-WGWC-8A	Total Recoverable	Water	6020B	114911
705-57736-13	WAN-WGWC-9	Total Recoverable	Water	6020B	114911

Analysis Batch: 115473

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-57736-4	WAN-PZ-31	Total/NA	Water	6010D	114942
705-57736-5	WAN-PZ-32D	Total/NA	Water	6010D	114942
705-57736-6	WAN-PZ-33D	Total/NA	Water	6010D	114942
705-57736-7	WAN-WAMW-1	Total/NA	Water	6010D	114942
705-57736-9	WAN-AP1-FB-14	Total/NA	Water	6010D	114942
MB 705-114942/1-A	Method Blank	Total/NA	Water	6010D	114942
LCS 705-114942/2-A	Lab Control Sample	Total/NA	Water	6010D	114942
400-290109-E-1-B MS	Matrix Spike	Total/NA	Water	6010D	114942
400-290109-E-1-C MSD	Matrix Spike Duplicate	Total/NA	Water	6010D	114942

QC Association Summary

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-57736-1

Metals

Analysis Batch: 115860

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-57736-8	WAN-AP1-FD-08	Total/NA	Water	6010D	115328
705-57736-10	WAN-AP1-EB-03	Total/NA	Water	6010D	115328
705-57736-11	WAN-AP1-EB-08	Total/NA	Water	6010D	115328
705-57736-12	WAN-WGWC-8A	Total/NA	Water	6010D	115328
705-57736-13	WAN-WGWC-9	Total/NA	Water	6010D	115328
MB 705-115328/1-A	Method Blank	Total/NA	Water	6010D	115328
LCS 705-115328/2-A	Lab Control Sample	Total/NA	Water	6010D	115328
705-57849-A-18-B MS	Matrix Spike	Total/NA	Water	6010D	115328
705-57849-A-18-C MSD	Matrix Spike Duplicate	Total/NA	Water	6010D	115328

Analysis Batch: 116933

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-57736-1	WAN-WGWC-28D	Total/NA	Water	6010D	114644
705-57736-5	WAN-PZ-32D	Total/NA	Water	6010D	114942
705-57736-6	WAN-PZ-33D	Total/NA	Water	6010D	114942
705-57736-8	WAN-AP1-FD-08	Total/NA	Water	6010D	115328
705-57736-12	WAN-WGWC-8A	Total/NA	Water	6010D	115328
705-57736-13	WAN-WGWC-9	Total/NA	Water	6010D	115328

Prep Batch: 116972

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-57736-1	WAN-WGWC-28D	Total/NA	Water	7470A	
705-57736-3	WAN-PZ-26D	Total/NA	Water	7470A	
705-57736-4	WAN-PZ-31	Total/NA	Water	7470A	
705-57736-7	WAN-WAMW-1	Total/NA	Water	7470A	
705-57736-8	WAN-AP1-FD-08	Total/NA	Water	7470A	
705-57736-9	WAN-AP1-FB-14	Total/NA	Water	7470A	
705-57736-10	WAN-AP1-EB-03	Total/NA	Water	7470A	
705-57736-11	WAN-AP1-EB-08	Total/NA	Water	7470A	
705-57736-12	WAN-WGWC-8A	Total/NA	Water	7470A	
MB 705-116972/1-A	Method Blank	Total/NA	Water	7470A	
LCS 705-116972/2-A	Lab Control Sample	Total/NA	Water	7470A	
705-57736-1 MS	WAN-WGWC-28D	Total/NA	Water	7470A	
705-57736-1 MSD	WAN-WGWC-28D	Total/NA	Water	7470A	

Analysis Batch: 117380

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-57736-1	WAN-WGWC-28D	Total/NA	Water	7470A	116972
705-57736-3	WAN-PZ-26D	Total/NA	Water	7470A	116972
705-57736-4	WAN-PZ-31	Total/NA	Water	7470A	116972
705-57736-7	WAN-WAMW-1	Total/NA	Water	7470A	116972
705-57736-8	WAN-AP1-FD-08	Total/NA	Water	7470A	116972
705-57736-9	WAN-AP1-FB-14	Total/NA	Water	7470A	116972
705-57736-10	WAN-AP1-EB-03	Total/NA	Water	7470A	116972
705-57736-11	WAN-AP1-EB-08	Total/NA	Water	7470A	116972
705-57736-12	WAN-WGWC-8A	Total/NA	Water	7470A	116972
MB 705-116972/1-A	Method Blank	Total/NA	Water	7470A	116972
LCS 705-116972/2-A	Lab Control Sample	Total/NA	Water	7470A	116972
705-57736-1 MS	WAN-WGWC-28D	Total/NA	Water	7470A	116972
705-57736-1 MSD	WAN-WGWC-28D	Total/NA	Water	7470A	116972

QC Association Summary

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-57736-1

Metals

Prep Batch: 117570

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-57736-13	WAN-WGWC-9	Total/NA	Water	7470A	
MB 705-117570/1-A	Method Blank	Total/NA	Water	7470A	
LCS 705-117570/2-A	Lab Control Sample	Total/NA	Water	7470A	
752-42278-B-3-E MS	Matrix Spike	Total/NA	Water	7470A	
752-42278-B-3-F MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	

Analysis Batch: 117814

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-57736-13	WAN-WGWC-9	Total/NA	Water	7470A	117570
MB 705-117570/1-A	Method Blank	Total/NA	Water	7470A	117570
LCS 705-117570/2-A	Lab Control Sample	Total/NA	Water	7470A	117570
752-42278-B-3-E MS	Matrix Spike	Total/NA	Water	7470A	117570
752-42278-B-3-F MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	117570

General Chemistry

Prep Batch: 114675

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-57736-1	WAN-WGWC-28D	Total/NA	Water	SM 4500 S2 C	
705-57736-2	WAN-PZ-23D	Total/NA	Water	SM 4500 S2 C	
705-57736-3	WAN-PZ-26D	Total/NA	Water	SM 4500 S2 C	
705-57736-4	WAN-PZ-31	Total/NA	Water	SM 4500 S2 C	
705-57736-5	WAN-PZ-32D	Total/NA	Water	SM 4500 S2 C	
705-57736-6	WAN-PZ-33D	Total/NA	Water	SM 4500 S2 C	
705-57736-7	WAN-WAMW-1	Total/NA	Water	SM 4500 S2 C	
705-57736-8	WAN-AP1-FD-08	Total/NA	Water	SM 4500 S2 C	
MB 705-114675/1-A	Method Blank	Total/NA	Water	SM 4500 S2 C	
LCS 705-114675/2-A	Lab Control Sample	Total/NA	Water	SM 4500 S2 C	
705-57432-B-10-B MS	Matrix Spike	Total/NA	Water	SM 4500 S2 C	
705-57432-B-10-C MSD	Matrix Spike Duplicate	Total/NA	Water	SM 4500 S2 C	

Analysis Batch: 114695

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-57736-1	WAN-WGWC-28D	Total/NA	Water	4500 S2 F-2011	114675
705-57736-2	WAN-PZ-23D	Total/NA	Water	4500 S2 F-2011	114675
705-57736-3	WAN-PZ-26D	Total/NA	Water	4500 S2 F-2011	114675
705-57736-4	WAN-PZ-31	Total/NA	Water	4500 S2 F-2011	114675
705-57736-5	WAN-PZ-32D	Total/NA	Water	4500 S2 F-2011	114675
705-57736-6	WAN-PZ-33D	Total/NA	Water	4500 S2 F-2011	114675
705-57736-7	WAN-WAMW-1	Total/NA	Water	4500 S2 F-2011	114675
705-57736-8	WAN-AP1-FD-08	Total/NA	Water	4500 S2 F-2011	114675
MB 705-114675/1-A	Method Blank	Total/NA	Water	4500 S2 F-2011	114675
LCS 705-114675/2-A	Lab Control Sample	Total/NA	Water	4500 S2 F-2011	114675
705-57432-B-10-B MS	Matrix Spike	Total/NA	Water	4500 S2 F-2011	114675
705-57432-B-10-C MSD	Matrix Spike Duplicate	Total/NA	Water	4500 S2 F-2011	114675

Analysis Batch: 115001

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-57736-12	WAN-WGWC-8A	Total/NA	Water	2540C - 2015	
705-57736-13	WAN-WGWC-9	Total/NA	Water	2540C - 2015	
MB 705-115001/1	Method Blank	Total/NA	Water	2540C - 2015	

General Chemistry (Continued)

Analysis Batch: 115001 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 705-115001/2	Lab Control Sample	Total/NA	Water	2540C - 2015	
705-57521-A-1 DU	Duplicate	Total/NA	Water	2540C - 2015	

Analysis Batch: 115321

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-57736-1	WAN-WGWC-28D	Total/NA	Water	2540C - 2015	
705-57736-2	WAN-PZ-23D	Total/NA	Water	2540C - 2015	
705-57736-3	WAN-PZ-26D	Total/NA	Water	2540C - 2015	
705-57736-4	WAN-PZ-31	Total/NA	Water	2540C - 2015	
705-57736-5	WAN-PZ-32D	Total/NA	Water	2540C - 2015	
705-57736-6	WAN-PZ-33D	Total/NA	Water	2540C - 2015	
705-57736-7	WAN-WAMW-1	Total/NA	Water	2540C - 2015	
705-57736-8	WAN-AP1-FD-08	Total/NA	Water	2540C - 2015	
705-57736-9	WAN-AP1-FB-14	Total/NA	Water	2540C - 2015	
705-57736-10	WAN-AP1-EB-03	Total/NA	Water	2540C - 2015	
705-57736-11	WAN-AP1-EB-08	Total/NA	Water	2540C - 2015	
MB 705-115321/1	Method Blank	Total/NA	Water	2540C - 2015	
LCS 705-115321/2	Lab Control Sample	Total/NA	Water	2540C - 2015	
705-57736-1 DU	WAN-WGWC-28D	Total/NA	Water	2540C - 2015	

Prep Batch: 115429

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-57736-9	WAN-AP1-FB-14	Total/NA	Water	SM 4500 S2 C	
705-57736-10	WAN-AP1-EB-03	Total/NA	Water	SM 4500 S2 C	
705-57736-11	WAN-AP1-EB-08	Total/NA	Water	SM 4500 S2 C	
705-57736-12	WAN-WGWC-8A	Total/NA	Water	SM 4500 S2 C	
705-57736-13	WAN-WGWC-9	Total/NA	Water	SM 4500 S2 C	
MB 705-115429/1-A	Method Blank	Total/NA	Water	SM 4500 S2 C	
LCS 705-115429/2-A	Lab Control Sample	Total/NA	Water	SM 4500 S2 C	
705-57736-9 MS	WAN-AP1-FB-14	Total/NA	Water	SM 4500 S2 C	
705-57736-9 MSD	WAN-AP1-FB-14	Total/NA	Water	SM 4500 S2 C	

Analysis Batch: 115430

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-57736-9	WAN-AP1-FB-14	Total/NA	Water	4500 S2 F-2011	115429
705-57736-10	WAN-AP1-EB-03	Total/NA	Water	4500 S2 F-2011	115429
705-57736-11	WAN-AP1-EB-08	Total/NA	Water	4500 S2 F-2011	115429
705-57736-12	WAN-WGWC-8A	Total/NA	Water	4500 S2 F-2011	115429
705-57736-13	WAN-WGWC-9	Total/NA	Water	4500 S2 F-2011	115429
MB 705-115429/1-A	Method Blank	Total/NA	Water	4500 S2 F-2011	115429
LCS 705-115429/2-A	Lab Control Sample	Total/NA	Water	4500 S2 F-2011	115429
705-57736-9 MS	WAN-AP1-FB-14	Total/NA	Water	4500 S2 F-2011	115429
705-57736-9 MSD	WAN-AP1-FB-14	Total/NA	Water	4500 S2 F-2011	115429

Analysis Batch: 116693

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-57736-1	WAN-WGWC-28D	Total/NA	Water	2320B-2011	
705-57736-2	WAN-PZ-23D	Total/NA	Water	2320B-2011	
705-57736-3	WAN-PZ-26D	Total/NA	Water	2320B-2011	
705-57736-5	WAN-PZ-32D	Total/NA	Water	2320B-2011	
705-57736-6	WAN-PZ-33D	Total/NA	Water	2320B-2011	

General Chemistry (Continued)

Analysis Batch: 116693 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-57736-7	WAN-WAMW-1	Total/NA	Water	2320B-2011	
705-57736-8	WAN-AP1-FD-08	Total/NA	Water	2320B-2011	
705-57736-12	WAN-WGWC-8A	Total/NA	Water	2320B-2011	
LCS 705-116693/1	Lab Control Sample	Total/NA	Water	2320B-2011	
785-6720-B-1 DU	Duplicate	Total/NA	Water	2320B-2011	

Analysis Batch: 116793

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-57736-4	WAN-PZ-31	Total/NA	Water	2320B-2011	
705-57736-9	WAN-AP1-FB-14	Total/NA	Water	2320B-2011	
705-57736-10	WAN-AP1-EB-03	Total/NA	Water	2320B-2011	
705-57736-11	WAN-AP1-EB-08	Total/NA	Water	2320B-2011	
705-57736-13	WAN-WGWC-9	Total/NA	Water	2320B-2011	

Lab Chronicle

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-57736-1

Client Sample ID: WAN-WGWC-28D

Lab Sample ID: 705-57736-1
Date Collected: 02/12/26 12:36
Matrix: Water
Date Received: 02/13/26 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		20	115589	MS	EET ATL	02/20/26 13:53
Total/NA	Analysis	300.0		1	115351	MS	EET ATL 2	02/19/26 23:31
Total/NA	Prep	3010A			114644	SA	EET ATL	02/17/26 10:13
Total/NA	Analysis	6010D		1	115344	DS	EET ATL	02/19/26 10:58
Total/NA	Prep	3010A			114644	SA	EET ATL	02/17/26 10:13
Total/NA	Analysis	6010D		10	116933	MT	EET ATL	02/26/26 13:39
Total Recoverable	Prep	3005A			114911	SA	EET ATL	02/18/26 08:35
Total Recoverable	Analysis	6020B		1	115256	IF	EET ATL	02/18/26 21:39
Total Recoverable	Prep	3005A			114911	SA	EET ATL	02/18/26 08:35
Total Recoverable	Analysis	6020B		10	115256	IF	EET ATL	02/18/26 21:42
Total Recoverable	Prep	3005A			114911	SA	EET ATL	02/18/26 08:35
Total Recoverable	Analysis	6020B		10	115380	IF	EET ATL	02/19/26 13:46
Total/NA	Prep	7470A			116972	GR	EET ATL	02/27/26 11:45
Total/NA	Analysis	7470A		1	117380	GR	EET ATL	02/27/26 19:03
Total/NA	Analysis	2320B-2011		1	116693	AH	EET ATL	02/26/26 09:28
Total/NA	Analysis	2540C - 2015		1	115321	NN	EET ATL	02/19/26 16:15
Total/NA	Prep	SM 4500 S2 C			114675	GD	EET ATL	02/17/26 10:02
Total/NA	Analysis	4500 S2 F-2011		1	114695	GD	EET ATL	02/17/26 12:05

Client Sample ID: WAN-PZ-23D

Lab Sample ID: 705-57736-2
Date Collected: 02/12/26 14:40
Matrix: Water
Date Received: 02/13/26 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	115351	MS	EET ATL 2	02/19/26 23:42
Total/NA	Prep	3010A			114644	SA	EET ATL	02/17/26 10:13
Total/NA	Analysis	6010D		1	115344	DS	EET ATL	02/19/26 10:55
Total Recoverable	Prep	3005A			114911	SA	EET ATL	02/18/26 08:35
Total Recoverable	Analysis	6020B		1	115256	IF	EET ATL	02/18/26 21:36
Total Recoverable	Prep	3005A			114911	SA	EET ATL	02/18/26 08:35
Total Recoverable	Analysis	6020B		1	115380	IF	EET ATL	02/19/26 13:43
Total/NA	Analysis	2320B-2011		1	116693	AH	EET ATL	02/26/26 09:28
Total/NA	Analysis	2540C - 2015		1	115321	NN	EET ATL	02/19/26 16:15
Total/NA	Prep	SM 4500 S2 C			114675	GD	EET ATL	02/17/26 10:02
Total/NA	Analysis	4500 S2 F-2011		1	114695	GD	EET ATL	02/17/26 12:05

Client Sample ID: WAN-PZ-26D

Lab Sample ID: 705-57736-3
Date Collected: 02/12/26 14:26
Matrix: Water
Date Received: 02/13/26 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	115351	MS	EET ATL 2	02/19/26 23:54
Total/NA	Prep	3010A			114644	SA	EET ATL	02/17/26 10:13
Total/NA	Analysis	6010D		1	115344	DS	EET ATL	02/19/26 10:22

Lab Chronicle

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-57736-1

Client Sample ID: WAN-PZ-26D

Lab Sample ID: 705-57736-3

Date Collected: 02/12/26 14:26
Date Received: 02/13/26 15:55

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			114911	SA	EET ATL	02/18/26 08:35
Total Recoverable	Analysis	6020B		1	115256	IF	EET ATL	02/18/26 21:33
Total Recoverable	Prep	3005A			114911	SA	EET ATL	02/18/26 08:35
Total Recoverable	Analysis	6020B		1	115380	IF	EET ATL	02/19/26 13:41
Total/NA	Prep	7470A			116972	GR	EET ATL	02/27/26 11:45
Total/NA	Analysis	7470A		1	117380	GR	EET ATL	02/27/26 19:23
Total/NA	Analysis	2320B-2011		1	116693	AH	EET ATL	02/26/26 09:28
Total/NA	Analysis	2540C - 2015		1	115321	NN	EET ATL	02/19/26 16:15
Total/NA	Prep	SM 4500 S2 C			114675	GD	EET ATL	02/17/26 10:02
Total/NA	Analysis	4500 S2 F-2011		1	114695	GD	EET ATL	02/17/26 12:05

Client Sample ID: WAN-PZ-31

Lab Sample ID: 705-57736-4

Date Collected: 02/12/26 13:07
Date Received: 02/13/26 15:55

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	115351	MS	EET ATL 2	02/20/26 00:05
Total/NA	Prep	3010A			114942	TR	EET ATL	02/18/26 10:40
Total/NA	Analysis	6010D		1	115473	DS	EET ATL	02/19/26 13:09
Total Recoverable	Prep	3005A			114743	TR	EET ATL	02/17/26 14:15
Total Recoverable	Analysis	6020B		1	115255	IF	EET ATL	02/18/26 16:38
Total/NA	Prep	7470A			116972	GR	EET ATL	02/27/26 11:45
Total/NA	Analysis	7470A		1	117380	GR	EET ATL	02/27/26 19:27
Total/NA	Analysis	2320B-2011		1	116793	AH	EET ATL	02/26/26 09:28
Total/NA	Analysis	2540C - 2015		1	115321	NN	EET ATL	02/19/26 16:15
Total/NA	Prep	SM 4500 S2 C			114675	GD	EET ATL	02/17/26 10:02
Total/NA	Analysis	4500 S2 F-2011		1	114695	GD	EET ATL	02/17/26 12:05

Client Sample ID: WAN-PZ-32D

Lab Sample ID: 705-57736-5

Date Collected: 02/12/26 12:58
Date Received: 02/13/26 15:55

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		20	115589	MS	EET ATL	02/20/26 14:04
Total/NA	Analysis	300.0		1	115351	MS	EET ATL 2	02/20/26 00:17
Total/NA	Prep	3010A			114942	TR	EET ATL	02/18/26 10:40
Total/NA	Analysis	6010D		1	115473	DS	EET ATL	02/19/26 13:12
Total/NA	Prep	3010A			114942	TR	EET ATL	02/18/26 10:40
Total/NA	Analysis	6010D		10	116933	MT	EET ATL	02/26/26 13:42
Total Recoverable	Prep	3005A			114743	TR	EET ATL	02/17/26 14:15
Total Recoverable	Analysis	6020B		1	115255	IF	EET ATL	02/18/26 16:49
Total Recoverable	Prep	3005A			114743	TR	EET ATL	02/17/26 14:15
Total Recoverable	Analysis	6020B		5	115255	IF	EET ATL	02/18/26 16:52
Total/NA	Analysis	2320B-2011		1	116693	AH	EET ATL	02/26/26 09:28

Lab Chronicle

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-57736-1

Client Sample ID: WAN-PZ-32D

Lab Sample ID: 705-57736-5
Date Collected: 02/12/26 12:58
Matrix: Water
Date Received: 02/13/26 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	2540C - 2015		1	115321	NN	EET ATL	02/19/26 16:15
Total/NA	Prep	SM 4500 S2 C			114675	GD	EET ATL	02/17/26 10:02
Total/NA	Analysis	4500 S2 F-2011		1	114695	GD	EET ATL	02/17/26 12:05

Client Sample ID: WAN-PZ-33D

Lab Sample ID: 705-57736-6
Date Collected: 02/12/26 11:11
Matrix: Water
Date Received: 02/13/26 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		10	115351	MS	EET ATL 2	02/20/26 00:28
Total/NA	Prep	3010A			114942	TR	EET ATL	02/18/26 10:40
Total/NA	Analysis	6010D		1	115473	DS	EET ATL	02/19/26 13:15
Total/NA	Prep	3010A			114942	TR	EET ATL	02/18/26 10:40
Total/NA	Analysis	6010D		10	116933	MT	EET ATL	02/26/26 13:45
Total Recoverable	Prep	3005A			114743	TR	EET ATL	02/17/26 14:15
Total Recoverable	Analysis	6020B		1	115255	IF	EET ATL	02/18/26 16:55
Total Recoverable	Prep	3005A			114743	TR	EET ATL	02/17/26 14:15
Total Recoverable	Analysis	6020B		5	115255	IF	EET ATL	02/18/26 16:58
Total/NA	Analysis	2320B-2011		1	116693	AH	EET ATL	02/26/26 09:28
Total/NA	Analysis	2540C - 2015		1	115321	NN	EET ATL	02/19/26 16:15
Total/NA	Prep	SM 4500 S2 C			114675	GD	EET ATL	02/17/26 10:02
Total/NA	Analysis	4500 S2 F-2011		1	114695	GD	EET ATL	02/17/26 12:05

Client Sample ID: WAN-WAMW-1

Lab Sample ID: 705-57736-7
Date Collected: 02/12/26 11:32
Matrix: Water
Date Received: 02/13/26 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	115351	MS	EET ATL 2	02/20/26 00:40
Total/NA	Prep	3010A			114942	TR	EET ATL	02/18/26 10:40
Total/NA	Analysis	6010D		1	115473	DS	EET ATL	02/19/26 13:18
Total Recoverable	Prep	3005A			114743	TR	EET ATL	02/17/26 14:15
Total Recoverable	Analysis	6020B		1	115255	IF	EET ATL	02/18/26 17:42
Total Recoverable	Prep	3005A			114743	TR	EET ATL	02/17/26 14:15
Total Recoverable	Analysis	6020B		1	115380	IF	EET ATL	02/19/26 13:06
Total/NA	Prep	7470A			116972	GR	EET ATL	02/27/26 11:45
Total/NA	Analysis	7470A		1	117380	GR	EET ATL	02/27/26 19:30
Total/NA	Analysis	2320B-2011		1	116693	AH	EET ATL	02/26/26 09:28
Total/NA	Analysis	2540C - 2015		1	115321	NN	EET ATL	02/19/26 16:15
Total/NA	Prep	SM 4500 S2 C			114675	GD	EET ATL	02/17/26 10:02
Total/NA	Analysis	4500 S2 F-2011		1	114695	GD	EET ATL	02/17/26 12:05

Lab Chronicle

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-57736-1

Client Sample ID: WAN-AP1-FD-08

Lab Sample ID: 705-57736-8
Matrix: Water
Date Collected: 02/12/26 00:00
Date Received: 02/13/26 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	115351	MS	EET ATL 2	02/20/26 01:26
Total/NA	Prep	3010A			115328	SA	EET ATL	02/19/26 12:40
Total/NA	Analysis	6010D		1	115860	DS	EET ATL	02/22/26 16:23
Total/NA	Prep	3010A			115328	SA	EET ATL	02/19/26 12:40
Total/NA	Analysis	6010D		1	116933	MT	EET ATL	02/26/26 13:48
Total Recoverable	Prep	3005A			114911	SA	EET ATL	02/18/26 08:35
Total Recoverable	Analysis	6020B		1	115256	IF	EET ATL	02/18/26 20:46
Total Recoverable	Prep	3005A			114911	SA	EET ATL	02/18/26 08:35
Total Recoverable	Analysis	6020B		1	115380	IF	EET ATL	02/19/26 13:38
Total/NA	Prep	7470A			116972	GR	EET ATL	02/27/26 11:45
Total/NA	Analysis	7470A		1	117380	GR	EET ATL	02/27/26 19:34
Total/NA	Analysis	2320B-2011		1	116693	AH	EET ATL	02/26/26 09:28
Total/NA	Analysis	2540C - 2015		1	115321	NN	EET ATL	02/19/26 16:15
Total/NA	Prep	SM 4500 S2 C			114675	GD	EET ATL	02/17/26 10:02
Total/NA	Analysis	4500 S2 F-2011		1	114695	GD	EET ATL	02/17/26 12:05

Client Sample ID: WAN-AP1-FB-14

Lab Sample ID: 705-57736-9
Matrix: Water
Date Collected: 02/12/26 11:45
Date Received: 02/13/26 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	115351	MS	EET ATL 2	02/19/26 20:49
Total/NA	Prep	3010A			114942	TR	EET ATL	02/18/26 10:40
Total/NA	Analysis	6010D		1	115473	DS	EET ATL	02/19/26 13:21
Total Recoverable	Prep	3005A			114743	TR	EET ATL	02/17/26 14:15
Total Recoverable	Analysis	6020B		1	115255	IF	EET ATL	02/18/26 17:44
Total Recoverable	Prep	3005A			114743	TR	EET ATL	02/17/26 14:15
Total Recoverable	Analysis	6020B		1	115380	IF	EET ATL	02/19/26 13:09
Total/NA	Prep	7470A			116972	GR	EET ATL	02/27/26 11:45
Total/NA	Analysis	7470A		1	117380	GR	EET ATL	02/27/26 19:37
Total/NA	Analysis	2320B-2011		1	116793	AH	EET ATL	02/26/26 09:28
Total/NA	Analysis	2540C - 2015		1	115321	NN	EET ATL	02/19/26 16:15
Total/NA	Prep	SM 4500 S2 C			115429	GD	EET ATL	02/19/26 17:24
Total/NA	Analysis	4500 S2 F-2011		1	115430	GD	EET ATL	02/19/26 18:26

Client Sample ID: WAN-AP1-EB-03

Lab Sample ID: 705-57736-10
Matrix: Water
Date Collected: 02/12/26 15:20
Date Received: 02/13/26 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	115351	MS	EET ATL 2	02/20/26 01:38
Total/NA	Prep	3010A			115328	SA	EET ATL	02/19/26 12:40
Total/NA	Analysis	6010D		1	115860	DS	EET ATL	02/22/26 16:26

Lab Chronicle

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-57736-1

Client Sample ID: WAN-AP1-EB-03

Lab Sample ID: 705-57736-10
Date Collected: 02/12/26 15:20
Matrix: Water
Date Received: 02/13/26 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			114911	SA	EET ATL	02/18/26 08:35
Total Recoverable	Analysis	6020B		1	115256	IF	EET ATL	02/18/26 19:14
Total Recoverable	Prep	3005A			114911	SA	EET ATL	02/18/26 08:35
Total Recoverable	Analysis	6020B		1	115380	IF	EET ATL	02/19/26 13:12
Total/NA	Prep	7470A			116972	GR	EET ATL	02/27/26 11:45
Total/NA	Analysis	7470A		1	117380	GR	EET ATL	02/27/26 19:41
Total/NA	Analysis	2320B-2011		1	116793	AH	EET ATL	02/26/26 09:28
Total/NA	Analysis	2540C - 2015		1	115321	NN	EET ATL	02/19/26 16:15
Total/NA	Prep	SM 4500 S2 C			115429	GD	EET ATL	02/19/26 17:24
Total/NA	Analysis	4500 S2 F-2011		1	115430	GD	EET ATL	02/19/26 18:26

Client Sample ID: WAN-AP1-EB-08

Lab Sample ID: 705-57736-11
Date Collected: 02/12/26 15:15
Matrix: Water
Date Received: 02/13/26 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	115351	MS	EET ATL 2	02/20/26 01:49
Total/NA	Prep	3010A			115328	SA	EET ATL	02/19/26 12:40
Total/NA	Analysis	6010D		1	115860	DS	EET ATL	02/22/26 16:28
Total Recoverable	Prep	3005A			114911	SA	EET ATL	02/18/26 08:35
Total Recoverable	Analysis	6020B		1	115256	IF	EET ATL	02/18/26 20:38
Total Recoverable	Prep	3005A			114911	SA	EET ATL	02/18/26 08:35
Total Recoverable	Analysis	6020B		1	115380	IF	EET ATL	02/19/26 13:14
Total/NA	Prep	7470A			116972	GR	EET ATL	02/27/26 11:45
Total/NA	Analysis	7470A		1	117380	GR	EET ATL	02/27/26 19:44
Total/NA	Analysis	2320B-2011		1	116793	AH	EET ATL	02/26/26 09:28
Total/NA	Analysis	2540C - 2015		1	115321	NN	EET ATL	02/19/26 16:15
Total/NA	Prep	SM 4500 S2 C			115429	GD	EET ATL	02/19/26 17:24
Total/NA	Analysis	4500 S2 F-2011		1	115430	GD	EET ATL	02/19/26 18:26

Client Sample ID: WAN-WGWC-8A

Lab Sample ID: 705-57736-12
Date Collected: 02/13/26 09:30
Matrix: Water
Date Received: 02/13/26 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	115351	MS	EET ATL 2	02/20/26 02:01
Total/NA	Prep	3010A			115328	SA	EET ATL	02/19/26 12:40
Total/NA	Analysis	6010D		1	115860	DS	EET ATL	02/22/26 16:31
Total/NA	Prep	3010A			115328	SA	EET ATL	02/19/26 12:40
Total/NA	Analysis	6010D		1	116933	MT	EET ATL	02/26/26 13:51
Total Recoverable	Prep	3005A			114911	SA	EET ATL	02/18/26 08:35
Total Recoverable	Analysis	6020B		1	115256	IF	EET ATL	02/18/26 20:40
Total Recoverable	Prep	3005A			114911	SA	EET ATL	02/18/26 08:35
Total Recoverable	Analysis	6020B		1	115380	IF	EET ATL	02/19/26 13:33

Lab Chronicle

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-57736-1

Client Sample ID: WAN-WGWC-8A

Lab Sample ID: 705-57736-12

Date Collected: 02/13/26 09:30
Matrix: Water
Date Received: 02/13/26 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	7470A			116972	GR	EET ATL	02/27/26 11:45
Total/NA	Analysis	7470A		1	117380	GR	EET ATL	02/27/26 20:01
Total/NA	Analysis	2320B-2011		1	116693	AH	EET ATL	02/26/26 09:28
Total/NA	Analysis	2540C - 2015		1	115001	NN	EET ATL	02/18/26 15:45
Total/NA	Prep	SM 4500 S2 C			115429	GD	EET ATL	02/20/26 10:26
Total/NA	Analysis	4500 S2 F-2011		1	115430	GD	EET ATL	02/20/26 12:02

Client Sample ID: WAN-WGWC-9

Lab Sample ID: 705-57736-13

Date Collected: 02/13/26 09:55
Matrix: Water
Date Received: 02/13/26 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	115351	MS	EET ATL 2	02/20/26 03:45
Total/NA	Prep	3010A			115328	SA	EET ATL	02/19/26 12:40
Total/NA	Analysis	6010D		1	115860	DS	EET ATL	02/22/26 16:34
Total/NA	Prep	3010A			115328	SA	EET ATL	02/19/26 12:40
Total/NA	Analysis	6010D		1	116933	MT	EET ATL	02/26/26 13:54
Total Recoverable	Prep	3005A			114911	SA	EET ATL	02/18/26 08:35
Total Recoverable	Analysis	6020B		1	115256	IF	EET ATL	02/18/26 20:43
Total Recoverable	Prep	3005A			114911	SA	EET ATL	02/18/26 08:35
Total Recoverable	Analysis	6020B		1	115380	IF	EET ATL	02/19/26 13:35
Total/NA	Prep	7470A			117570	GR	EET ATL	03/03/26 10:28
Total/NA	Analysis	7470A		1	117814	GR	EET ATL	03/03/26 16:54
Total/NA	Analysis	2320B-2011		1	116793	AH	EET ATL	02/26/26 09:28
Total/NA	Analysis	2540C - 2015		1	115001	NN	EET ATL	02/18/26 15:45
Total/NA	Prep	SM 4500 S2 C			115429	GD	EET ATL	02/20/26 10:26
Total/NA	Analysis	4500 S2 F-2011		1	115430	GD	EET ATL	02/20/26 12:02

Laboratory References:

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

EET ATL 2 = Eurofins Atlanta Building A, 3080 Presidential Pkwy, Atlanta, GA 30340, TEL (770)457-8177

Accreditation/Certification Summary

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-57736-1

Laboratory: Eurofins Atlanta

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

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

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Robert (Trey) Singleton
Southern Company
3535 Colonnade Parkway
Bin S 530 EC
Birmingham, Alabama 35243

Generated 3/16/2026 11:34:38 AM

JOB DESCRIPTION

Plant Wansley - Ash Pond

JOB NUMBER

705-57736-2

Eurofins Atlanta
3080 Presidential Dr
Atlanta GA 30340

See page two for job notes and contact information.

my EOL

Eurofins Atlanta

Job Notes

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

Authorization

Generated
3/16/2026 11:34:38 AM

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

Sample Summary

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-57736-2

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
705-57736-1	WAN-WGWC-28D	Water	02/12/26 12:36	02/13/26 15:55	Georgia (St)
705-57736-3	WAN-PZ-26D	Water	02/12/26 14:26	02/13/26 15:55	Georgia (St)
705-57736-4	WAN-PZ-31	Water	02/12/26 13:07	02/13/26 15:55	Georgia (St)
705-57736-7	WAN-WAMW-1	Water	02/12/26 11:32	02/13/26 15:55	Georgia (St)
705-57736-8	WAN-AP1-FD-08	Water	02/12/26 00:00	02/13/26 15:55	Georgia (St)
705-57736-9	WAN-AP1-FB-14	Water	02/12/26 11:45	02/13/26 15:55	Georgia (St)
705-57736-10	WAN-AP1-EB-03	Water	02/12/26 15:20	02/13/26 15:55	Georgia (St)
705-57736-11	WAN-AP1-EB-08	Water	02/12/26 15:15	02/13/26 15:55	Georgia (St)
705-57736-12	WAN-WGWC-8A	Water	02/13/26 09:30	02/13/26 15:55	Georgia (St)
705-57736-13	WAN-WGWC-9	Water	02/13/26 09:55	02/13/26 15:55	Georgia (St)

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

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: D. Johnson, J. May (ACC)	Lab PM: David Fuller / Phone: 770-344-8986	Carrier Tracking No(s):	COC No:
Client Contact: SCS Contacts	Phone: 770-608-1767	E-Mail: David.Fuller@ET.EurofinsUS.com		Page: 1 of 2
Company: GA Power				Job #:
Address: 241 Ralph McGill Blvd SE	Due Date Requested:			
City: Atlanta	TAT Requested (days):			
State, Zip: GA, 30308				
Phone: 404-506-7116(Tel)	Lab Project #: 70504536			
Email: SCS Contacts / Geosyntec Contacts	PO #: GPC82130-0004 / PO Line #1			
Project Name: Plant Wansley Ash Pond	Project #:			
Site:	SSOW#:			

Analysis Requested

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

Task_Code: WAN-CCR-ASSMT-2026S1

Sample Identification	Sample Date (mm/dd/yy)	Sample Time (hhmm)	Sample Type (C=comp, G=grab)	Matrix (WG=ground water, WS=surface water, WQ=quality control)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D - Chloride, Fluoride, Sulfate	2540C_Calcd - Total Dissolved Solids (TDS)	6010D- App III Metals: B, Ca	6020B - App IV Metals: Sb,As,Ba,Be,Cd,Cr,Co,Pb,Mo,Se,Tl	6010D - Lithium	7470A - App IV Mercury	9315_Ra226 - Radium-226 (GFPC) - 21 day decay	9320_Ra228 - Radium-228 (GFPC) - 21 day decay	Ra226Ra228_GFPC - Combined Radium 226 and 228	Major Ions - Carbonate, Bicarbonate, Total Alkalinity	Major Ions - Sulfide	Major Ions - Fe, Mg, Mn, K, Na		Total Number of containers	Special Instructions/Note:
			Preservation Code:				I	I	D	D	D	D	D	D	D	I	B, C	D			
WAN- WGWC-28D	02/12/26	1236	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		6	
WAN- PZ-23D	02/12/26	1440	G	WG	N	N	✓	✓	✓		✓					✓	✓	✓		4	
WAN- PZ-26D	02/12/26	1426	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		6	
WAN- PZ-31	02/12/26	1307	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		6	
WAN- PZ-32D	02/12/26	1258	G	WG	N	N	✓	✓	✓		✓					✓	✓	✓		4	
WAN- PZ-33D	02/12/26	1111	G	WG	N	N	✓	✓	✓		✓					✓	✓	✓		4	
WAN- WAMW-1	02/12/26	1132	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		6	
WAN- API-FD-08	02/12/26	—	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		6	
WAN- API-FB-~~09~~ 14 (DS)	02/12/26	~~1510~~ 1145 (DS)	G	WQ	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		6	
WAN- API-EB-03	02/12/26	1520	G	WQ	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		6	
WAN- API-EB-08	02/12/26	1515	G	WQ	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		6	

705-57736 COC

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

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

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

Special Instructions/QC Requirements:

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

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
[signature]	2/13/26 1554	ACI	[signature]	2.13.26 1555	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: #2665 1.0 2.0 0.9 1.3

Ver: 01/16/2019

3/16/2026

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

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: D. Johnson, J. May (ACC)	Lab PM: David Fuller / Phone: 770-344-8986	Carrier Tracking No(s):	COC No:
Client Contact: SCS Contacts	Phone: 770-608-1767	E-Mail: David.Fuller@ET.EurofinsUS.com		Page: 2 of 2
Company: GA Power				Job #:
Address: 241 Ralph McGill Blvd SE	Due Date Requested:			
City: Atlanta	TAT Requested (days):			
State, Zip: GA, 30308				
Phone: 404-506-7116(Tel)	Lab Project #: 70504536			
Email: SCS Contacts / Geosyntec Contacts	PO #: GPC82130-0004 / PO Line #1			
Project Name: Plant Wansley Ash Pond	Project #:			
Site:	SSOW#:			

Analysis Requested

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

Task_Code: WAN-CCR-ASSMT-2026S1

Sample Identification	Sample Date (mm/dd/yy)	Sample Time (hhmm)	Sample Type (C=comp, G=grab)	Matrix (WG=ground water, WS=surface water, WQ=quality control)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D - Chloride, Fluoride, Sulfate	2540C_Calcd - Total Dissolved Solids (TDS)	6010D- App III Metals: B, Ca	6020B - App IV Metals: Sb,As,Ba,Be,Cd,Cr,Co,Pb,Mo,Se,Tl	6010D - Lithium	7470A - App IV Mercury	9315_Ra226 - Radium-226 (GFPC) - 21 day decay	9320_Ra228 - Radium-228 (GFPC) - 21 day decay	Ra226Ra228_GFPC - Combined Radium 226 and 228	Major Ions - Carbonate, Bicarbonate, Total Alkalinity	Major Ions - Sulfide	Major Ions - Fe, Mg, Mn, K, Na		Total Number of containers	Special Instructions/Note:
			Preservation Code:				I	I	D	D	D	D	D	D	D	I	B, C	D			
WAN- WGWC-8 A	02/13/26	0930	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		6	
WAN- WGWC-9	02/13/26	0955	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		6	
WAN-			G		N	N															
WAN-			G		N	N															
WAN-			G		N	N															
WAN-			G		N	N															
WAN-			G		N	N															
WAN-			G		N	N															
WAN-			G		N	N															
WAN-			G		N	N															
WAN-			G		N	N															

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

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

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

Special Instructions/QC Requirements:

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

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
[signature]	2/13/26 1554	ACC	[signature]	2.13.26 1555	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: CC #2665 1.0 2.0 0.9 1.3

Ver: 01/16/2019

3/16/2026

Eurofins Atlanta
3080 Presidential Dr
Atlanta, GA 30340
Phone: 770-457-8177 Fax: 770-457-8188

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Fuller, David	Carrier Tracking No(s): N/A	COC No: 705-103285.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: David.Fuller@et.eurofinsus.com	State of Origin: Georgia	Page: Page 1 of 2
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note): NELAP - Florida; State - Georgia		Job #: 705-57736-1
Address: 13715 Rider Trail North, ,	Due Date Requested: 2/26/2026			Preservation Codes: -
City: Earth City	TAT Requested (days): N/A			
State, Zip: MO, 63045				
Phone: 314-298-8566(Tel) 314-298-8757(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Plant Wansley - Ash Pond	Project #: 70504536			
Site: N/A	SSOW#: N/A			Other: N/A

Analysis Requested

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	9315_Ra226/PrecSep_21Radium-226 (GFPC) - 21 day decay	9320_Ra228/PrecSep_0Radium-228 (GFPC) - 21 day decay	Ra226Ra228_GFPCCombined Radium-226 and Radium-228	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
WAN-WGWC-28D (705-57736-1)	2/12/26	12:36 Eastern	G	Water			X	X	X	2	
WAN-PZ-26D (705-57736-3)	2/12/26	14:26 Eastern	G	Water			X	X	X	2	
WAN-PZ-31 (705-57736-4)	2/12/26	13:07 Eastern	G	Water			X	X	X	2	
WAN-WAMW-1 (705-57736-7)	2/12/26	11:32 Eastern	G	Water			X	X	X	2	
WAN-AP1-FD-08 (705-57736-8)	2/12/26	Eastern	G	Water			X	X	X	2	
WAN-AP1-FB-14 (705-57736-9)	2/12/26	11:45 Eastern	G	Water			X	X	X	2	
WAN-AP1-EB-03 (705-57736-10)	2/12/26	15:20 Eastern	G	Water			X	X	X	2	
WAN-AP1-EB-08 (705-57736-11)	2/12/26	15:15 Eastern	G	Water			X	X	X	2	
WAN-WGWC-8A (705-57736-12)	2/12/26	09:30 Eastern	G	Water			X	X	X	2	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Southeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Southeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Southeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Southeast, LLC.

Possible Hazard Identification *Unconfirmed*	***Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*** ☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

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

Relinquished by: Andrew Stepp	Date/Time: 2/16/26 400	Company	Received by: Cheyenne Forrest	Date/Time: 0930 FEB 17 2026	Company
Relinquished by:	Date/Time:	Company	Received by: Cheyenne Forrest	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

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

Ver: 10/10/2024

Eurofins Atlanta
3080 Presidential Dr
Atlanta, GA 30340
Phone: 770-457-8177 Fax: 770-457-8188

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Fuller, David	Carrier Tracking No(s): N/A	COC No: 705-103285.2
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: David.Fuller@et.eurofinsus.com	State of Origin: Georgia	Page: Page 2 of 2
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note): NELAP - Florida; State - Georgia		Job #: 705-57736-1
Address: 13715 Rider Trail North, ,	Due Date Requested: 2/26/2026			Preservation Codes: -
City: Earth City	TAT Requested (days): N/A			
State, Zip: MO, 63045				
Phone: 314-298-8566(Tel) 314-298-8757(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Plant Wansley - Ash Pond	Project #: 70504536			Other: N/A
Site: N/A	SSOW#: N/A			

Analysis Requested

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	9315_Ra226/PrecSep_21Radium-226 (GFPC) - 21 day decay	9320_Ra228/PrecSep_0Radium-228 (GFPC) - 21 day decay	Ra226Ra228_GFPCCombined Radium-226 and Radium-228	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
WAN-WGWC-9 (705-57736-13)	2/12/26	09:55 Eastern	G	Water			X	X	X	2	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Southeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Southeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Southeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Southeast, LLC.

Possible Hazard Identification Unconfirmed	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)* ☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:		Method of Shipment:	
Relinquished by: Andrew Steele	Date/Time: 2/16/26 400	Company	Received by: Cheyenne Forrest	Date/Time: 0930 FEB 17 2026	Company
Relinquished by:	Date/Time:	Company	Received by: Cheyenne Forrest	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks:		

Ver: 10/10/2024

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 705-57736-2

Login Number: 57736
List Number: 1
Creator: Jeremiah, Mortley

List Source: Eurofins Atlanta

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

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

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 705-57736-2

Login Number: 57736
List Number: 2
Creator: Forrest, Cheyenne L

List Source: Eurofins St. Louis
List Creation: 02/17/26 12:19 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
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.	N/A	
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?	N/A	
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").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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

Definitions/Glossary

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-57736-2

Qualifiers

Rad

Qualifier	Qualifier Description
U	Result is less than the sample detection limit.

Glossary

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

Job ID: 705-57736-2 Eurofins Atlanta

Job Narrative
705-57736-2

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

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

Receipt
The samples were received on 2/13/2026 3:55 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 4 coolers at receipt time were 0.9°C, 1.0°C, 1.3°C and 2.0°C.

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

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

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-57736-2

Client Sample ID: WAN-WGWC-28D

Lab Sample ID: 705-57736-1
Matrix: Water

Date Collected: 02/12/26 12:36
Date Received: 02/13/26 15:55

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	3.27		0.342	0.452	1.00	0.129	pCi/L	02/18/26 08:04	03/12/26 17:26	1

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	77.5		30 - 110	02/18/26 08:04	03/12/26 17:26	1

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	7.15		0.905	1.12	1.00	0.611	pCi/L	02/18/26 08:20	03/04/26 11:54	1

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	77.5		30 - 110	02/18/26 08:20	03/04/26 11:54	1
Y Carrier	83.7		30 - 110	02/18/26 08:20	03/04/26 11:54	1

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	10.4		0.967	1.21	5.00	0.611	pCi/L		03/09/26 16:09	1

Client Sample ID: WAN-PZ-26D

Lab Sample ID: 705-57736-3
Matrix: Water

Date Collected: 02/12/26 14:26
Date Received: 02/13/26 15:55

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0795	U	0.0909	0.0911	1.00	0.148	pCi/L	02/18/26 08:04	03/12/26 17:26	1

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	85.2		30 - 110	02/18/26 08:04	03/12/26 17:26	1

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.618		0.370	0.374	1.00	0.535	pCi/L	02/18/26 08:20	03/04/26 11:54	1

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	85.2		30 - 110	02/18/26 08:20	03/04/26 11:54	1
Y Carrier	84.1		30 - 110	02/18/26 08:20	03/04/26 11:54	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-57736-2

Client Sample ID: WAN-PZ-26D

Lab Sample ID: 705-57736-3
Matrix: Water

Date Collected: 02/12/26 14:26
Date Received: 02/13/26 15:55

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.698		0.381	0.385	5.00	0.535	pCi/L		03/09/26 16:09	1

Client Sample ID: WAN-PZ-31

Lab Sample ID: 705-57736-4
Matrix: Water

Date Collected: 02/12/26 13:07
Date Received: 02/13/26 15:55

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.210		0.0985	0.100	1.00	0.117	pCi/L	02/18/26 08:04	03/12/26 17:26	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*89.5*		*30 - 110*	*02/18/26 08:04*	*03/12/26 17:26*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.819		0.377	0.385	1.00	0.508	pCi/L	02/18/26 08:20	03/04/26 11:54	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*89.5*		*30 - 110*	*02/18/26 08:20*	*03/04/26 11:54*	*1*
Y Carrier	*86.0*		*30 - 110*	*02/18/26 08:20*	*03/04/26 11:54*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	1.03		0.390	0.398	5.00	0.508	pCi/L		03/11/26 11:21	1

Client Sample ID: WAN-WAMW-1

Lab Sample ID: 705-57736-7
Matrix: Water

Date Collected: 02/12/26 11:32
Date Received: 02/13/26 15:55

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0924	U	0.0799	0.0804	1.00	0.118	pCi/L	02/18/26 08:04	03/12/26 17:26	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*75.2*		*30 - 110*	*02/18/26 08:04*	*03/12/26 17:26*	*1*

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-57736-2

Client Sample ID: WAN-WAMW-1

Lab Sample ID: 705-57736-7

Date Collected: 02/12/26 11:32
Date Received: 02/13/26 15:55

Matrix: Water

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.626		0.412	0.416	1.00	0.611	pCi/L	02/18/26 08:20	03/04/26 11:57	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*75.2*		*30 - 110*	*02/18/26 08:20*	*03/04/26 11:57*	*1*
Y Carrier	*83.0*		*30 - 110*	*02/18/26 08:20*	*03/04/26 11:57*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.718		0.420	0.424	5.00	0.611	pCi/L		03/11/26 11:21	1

Client Sample ID: WAN-AP1-FD-08

Lab Sample ID: 705-57736-8

Date Collected: 02/12/26 00:00
Date Received: 02/13/26 15:55

Matrix: Water

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0562	U	0.0712	0.0714	1.00	0.118	pCi/L	02/18/26 08:04	03/12/26 17:26	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*79.5*		*30 - 110*	*02/18/26 08:04*	*03/12/26 17:26*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.746		0.393	0.399	1.00	0.542	pCi/L	02/18/26 08:20	03/04/26 11:57	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*79.5*		*30 - 110*	*02/18/26 08:20*	*03/04/26 11:57*	*1*
Y Carrier	*83.0*		*30 - 110*	*02/18/26 08:20*	*03/04/26 11:57*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.802		0.399	0.405	5.00	0.542	pCi/L		03/11/26 11:21	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-57736-2

Client Sample ID: WAN-AP1-FB-14

Lab Sample ID: 705-57736-9

Date Collected: 02/12/26 11:45
Date Received: 02/13/26 15:55

Matrix: Water

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0377	U	0.0656	0.0657	1.00	0.116	pCi/L	02/18/26 08:04	03/12/26 17:27	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*82.9*		*30 - 110*	*02/18/26 08:04*	*03/12/26 17:27*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.121	U	0.308	0.309	1.00	0.547	pCi/L	02/18/26 08:20	03/04/26 11:57	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*82.9*		*30 - 110*	*02/18/26 08:20*	*03/04/26 11:57*	*1*
Y Carrier	*83.4*		*30 - 110*	*02/18/26 08:20*	*03/04/26 11:57*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.158	U	0.315	0.316	5.00	0.547	pCi/L		03/11/26 11:21	1

Client Sample ID: WAN-AP1-EB-03

Lab Sample ID: 705-57736-10

Date Collected: 02/12/26 15:20
Date Received: 02/13/26 15:55

Matrix: Water

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0518	U	0.0858	0.0859	1.00	0.149	pCi/L	02/18/26 08:04	03/12/26 17:27	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*84.9*		*30 - 110*	*02/18/26 08:04*	*03/12/26 17:27*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**0.731**		0.363	0.370	1.00	0.494	pCi/L	02/18/26 08:20	03/04/26 11:57	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*84.9*		*30 - 110*	*02/18/26 08:20*	*03/04/26 11:57*	*1*
Y Carrier	*85.2*		*30 - 110*	*02/18/26 08:20*	*03/04/26 11:57*	*1*

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-57736-2

Client Sample ID: WAN-AP1-EB-03

Lab Sample ID: 705-57736-10
Matrix: Water

Date Collected: 02/12/26 15:20
Date Received: 02/13/26 15:55

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.782		0.373	0.380	5.00	0.494	pCi/L		03/11/26 11:21	1

Client Sample ID: WAN-AP1-EB-08

Lab Sample ID: 705-57736-11
Matrix: Water

Date Collected: 02/12/26 15:15
Date Received: 02/13/26 15:55

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.00506	U	0.0612	0.0612	1.00	0.124	pCi/L	02/18/26 08:04	03/12/26 17:27	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*76.4*		*30 - 110*	*02/18/26 08:04*	*03/12/26 17:27*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.173	U	0.349	0.350	1.00	0.608	pCi/L	02/18/26 08:20	03/04/26 11:57	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*76.4*		*30 - 110*	*02/18/26 08:20*	*03/04/26 11:57*	*1*
Y Carrier	*86.0*		*30 - 110*	*02/18/26 08:20*	*03/04/26 11:57*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.178	U	0.354	0.355	5.00	0.608	pCi/L		03/11/26 11:21	1

Client Sample ID: WAN-WGWC-8A

Lab Sample ID: 705-57736-12
Matrix: Water

Date Collected: 02/13/26 09:30
Date Received: 02/13/26 15:55

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.782		0.217	0.228	1.00	0.199	pCi/L	02/18/26 08:04	03/12/26 17:27	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*57.3*		*30 - 110*	*02/18/26 08:04*	*03/12/26 17:27*	*1*

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-57736-2

Client Sample ID: WAN-WGWC-8A

Lab Sample ID: 705-57736-12

Date Collected: 02/13/26 09:30
Date Received: 02/13/26 15:55

Matrix: Water

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	1.74		0.629	0.649	1.00	0.762	pCi/L	02/18/26 08:20	03/04/26 11:57	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*57.3*		*30 - 110*	*02/18/26 08:20*	*03/04/26 11:57*	*1*
Y Carrier	*84.9*		*30 - 110*	*02/18/26 08:20*	*03/04/26 11:57*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	2.52		0.665	0.688	5.00	0.762	pCi/L		03/11/26 11:21	1

Client Sample ID: WAN-WGWC-9

Lab Sample ID: 705-57736-13

Date Collected: 02/13/26 09:55
Date Received: 02/13/26 15:55

Matrix: Water

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0876	U	0.0742	0.0746	1.00	0.109	pCi/L	02/18/26 08:04	03/12/26 17:27	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*82.6*		*30 - 110*	*02/18/26 08:04*	*03/12/26 17:27*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.408	U	0.339	0.341	1.00	0.526	pCi/L	02/18/26 08:20	03/04/26 11:57	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*82.6*		*30 - 110*	*02/18/26 08:20*	*03/04/26 11:57*	*1*
Y Carrier	*83.4*		*30 - 110*	*02/18/26 08:20*	*03/04/26 11:57*	*1*

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.496	U	0.347	0.349	5.00	0.526	pCi/L		03/11/26 11:21	1

Tracer/Carrier Summary

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-57736-2

Method: 9315 - Radium-226 (GFPC)

Matrix: Water **Prep Type: Total/NA**

		Percent Yield (Acceptance Limits)							
Lab Sample ID	Client Sample ID	Ba (30-110)							
460-344743-H-1-C DU	Duplicate	79.8							
705-57736-1	WAN-WGWC-28D	77.5							
705-57736-3	WAN-PZ-26D	85.2							
705-57736-4	WAN-PZ-31	89.5							
705-57736-7	WAN-WAMW-1	75.2							
705-57736-8	WAN-AP1-FD-08	79.5							
705-57736-9	WAN-AP1-FB-14	82.9							
705-57736-10	WAN-AP1-EB-03	84.9							
705-57736-11	WAN-AP1-EB-08	76.4							
705-57736-12	WAN-WGWC-8A	57.3							
705-57736-13	WAN-WGWC-9	82.6							
LCS 160-757859/2-A	Lab Control Sample	87.7							
MB 160-757859/1-A	Method Blank	88.0							

Tracer/Carrier Legend

Ba = Ba Carrier

Method: 9320 - Radium-228 (GFPC)

Matrix: Water **Prep Type: Total/NA**

		Percent Yield (Acceptance Limits)							
Lab Sample ID	Client Sample ID	Ba (30-110)	Y (30-110)						
460-344743-H-1-D DU	Duplicate	79.8	84.5						
705-57736-1	WAN-WGWC-28D	77.5	83.7						
705-57736-3	WAN-PZ-26D	85.2	84.1						
705-57736-4	WAN-PZ-31	89.5	86.0						
705-57736-7	WAN-WAMW-1	75.2	83.0						
705-57736-8	WAN-AP1-FD-08	79.5	83.0						
705-57736-9	WAN-AP1-FB-14	82.9	83.4						
705-57736-10	WAN-AP1-EB-03	84.9	85.2						
705-57736-11	WAN-AP1-EB-08	76.4	86.0						
705-57736-12	WAN-WGWC-8A	57.3	84.9						
705-57736-13	WAN-WGWC-9	82.6	83.4						
LCS 160-757860/2-A	Lab Control Sample	87.7	78.1						
MB 160-757860/1-A	Method Blank	88.0	84.5						

Tracer/Carrier Legend

Ba = Ba Carrier
Y = Y Carrier

Method Summary

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-57736-2

Method	Method Description	Protocol	Laboratory
9315	Radium-226 (GFPC)	SW846	EET SL
9320	Radium-228 (GFPC)	SW846	EET SL
Ra226_Ra228	Combined Radium-226 and Radium-228	TAL-STL	EET SL
PrecSep_0	Preparation, Precipitate Separation	None	EET SL
PrecSep-21	Preparation, Precipitate Separation (21-Day In-Growth)	None	EET SL

Protocol References:

None = None

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

TAL-STL = TestAmerica Laboratories, St. Louis, Facility Standard Operating Procedure.

Laboratory References:

EET SL = Eurofins St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566

QC Sample Results

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-57736-2

Method: 9315 - Radium-226 (GFPC)

Lab Sample ID: MB 160-757859/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 761101 — **Prep Batch: 757859**

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.03307	U	0.0573	0.0574	1.00	0.101	pCi/L	02/18/26 08:04	03/12/26 15:25	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*88.0*		*30 - 110*	*02/18/26 08:04*	*03/12/26 15:25*	*1*

Lab Sample ID: LCS 160-757859/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 761101 — **Prep Batch: 757859**

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-226			9.57	8.862		0.954	1.00	0.134	pCi/L	93	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*87.7*		*30 - 110*

Lab Sample ID: 460-344743-H-1-C DU — **Client Sample ID: Duplicate**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 761102 — **Prep Batch: 757859**

Analyte	Sample Result	Sample Qual		DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit			RER	RER Limit
Radium-226	0.0604	U		0.06297	U	0.0815	1.00	0.136	pCi/L			0.02	1

Carrier	*DU %Yield*	*DU Qualifier*	*Limits*
Ba Carrier	*79.8*		*30 - 110*

Method: 9320 - Radium-228 (GFPC)

Lab Sample ID: MB 160-757860/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 759851 — **Prep Batch: 757860**

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	-0.01895	U	0.362	0.362	1.00	0.671	pCi/L	02/18/26 08:20	03/04/26 11:49	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*88.0*		*30 - 110*	*02/18/26 08:20*	*03/04/26 11:49*	*1*
Y Carrier	*84.5*		*30 - 110*	*02/18/26 08:20*	*03/04/26 11:49*	*1*

Method: 9320 - Radium-228 (GFPC) (Continued)

Lab Sample ID: LCS 160-757860/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 759851 — **Prep Batch: 757860**

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-228			9.37	10.94		1.50	1.00	0.655	pCi/L	117	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*87.7*		*30 - 110*
Y Carrier	*78.1*		*30 - 110*

Lab Sample ID: 460-344743-H-1-D DU — **Client Sample ID: Duplicate**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 759837 — **Prep Batch: 757860**

Analyte	Sample Result	Sample Qual		DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit			RER	RER Limit
Radium-228	0.206	U		0.7407		0.420	1.00	0.594	pCi/L			0.62	1

Carrier	*DU %Yield*	*DU Qualifier*	*Limits*
Ba Carrier	*79.8*		*30 - 110*
Y Carrier	*84.5*		*30 - 110*

QC Association Summary

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-57736-2

Rad

Prep Batch: 757859

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-57736-1	WAN-WGWC-28D	Total/NA	Water	PrecSep-21	
705-57736-3	WAN-PZ-26D	Total/NA	Water	PrecSep-21	
705-57736-4	WAN-PZ-31	Total/NA	Water	PrecSep-21	
705-57736-7	WAN-WAMW-1	Total/NA	Water	PrecSep-21	
705-57736-8	WAN-AP1-FD-08	Total/NA	Water	PrecSep-21	
705-57736-9	WAN-AP1-FB-14	Total/NA	Water	PrecSep-21	
705-57736-10	WAN-AP1-EB-03	Total/NA	Water	PrecSep-21	
705-57736-11	WAN-AP1-EB-08	Total/NA	Water	PrecSep-21	
705-57736-12	WAN-WGWC-8A	Total/NA	Water	PrecSep-21	
705-57736-13	WAN-WGWC-9	Total/NA	Water	PrecSep-21	
MB 160-757859/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-757859/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	
460-344743-H-1-C DU	Duplicate	Total/NA	Water	PrecSep-21	

Prep Batch: 757860

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-57736-1	WAN-WGWC-28D	Total/NA	Water	PrecSep_0	
705-57736-3	WAN-PZ-26D	Total/NA	Water	PrecSep_0	
705-57736-4	WAN-PZ-31	Total/NA	Water	PrecSep_0	
705-57736-7	WAN-WAMW-1	Total/NA	Water	PrecSep_0	
705-57736-8	WAN-AP1-FD-08	Total/NA	Water	PrecSep_0	
705-57736-9	WAN-AP1-FB-14	Total/NA	Water	PrecSep_0	
705-57736-10	WAN-AP1-EB-03	Total/NA	Water	PrecSep_0	
705-57736-11	WAN-AP1-EB-08	Total/NA	Water	PrecSep_0	
705-57736-12	WAN-WGWC-8A	Total/NA	Water	PrecSep_0	
705-57736-13	WAN-WGWC-9	Total/NA	Water	PrecSep_0	
MB 160-757860/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-757860/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	
460-344743-H-1-D DU	Duplicate	Total/NA	Water	PrecSep_0	

Lab Chronicle

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-57736-2

Client Sample ID: WAN-WGWC-28D

Lab Sample ID: 705-57736-1
Date Collected: 02/12/26 12:36
Matrix: Water
Date Received: 02/13/26 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			757859	VLQ	EET SL	02/18/26 08:04
Total/NA	Analysis	9315		1	761102	SWS	EET SL	03/12/26 17:26
Total/NA	Prep	PrecSep_0			757860	VLQ	EET SL	02/18/26 08:20
Total/NA	Analysis	9320		1	759837	SWS	EET SL	03/04/26 11:54
Total/NA	Analysis	Ra226_Ra228		1	760591	FLC	EET SL	03/09/26 16:09

Client Sample ID: WAN-PZ-26D

Lab Sample ID: 705-57736-3
Date Collected: 02/12/26 14:26
Matrix: Water
Date Received: 02/13/26 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			757859	VLQ	EET SL	02/18/26 08:04
Total/NA	Analysis	9315		1	761102	SWS	EET SL	03/12/26 17:26
Total/NA	Prep	PrecSep_0			757860	VLQ	EET SL	02/18/26 08:20
Total/NA	Analysis	9320		1	759837	SWS	EET SL	03/04/26 11:54
Total/NA	Analysis	Ra226_Ra228		1	760591	FLC	EET SL	03/09/26 16:09

Client Sample ID: WAN-PZ-31

Lab Sample ID: 705-57736-4
Date Collected: 02/12/26 13:07
Matrix: Water
Date Received: 02/13/26 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			757859	VLQ	EET SL	02/18/26 08:04
Total/NA	Analysis	9315		1	761102	SWS	EET SL	03/12/26 17:26
Total/NA	Prep	PrecSep_0			757860	VLQ	EET SL	02/18/26 08:20
Total/NA	Analysis	9320		1	759837	SWS	EET SL	03/04/26 11:54
Total/NA	Analysis	Ra226_Ra228		1	760591	FLC	EET SL	03/11/26 11:21

Client Sample ID: WAN-WAMW-1

Lab Sample ID: 705-57736-7
Date Collected: 02/12/26 11:32
Matrix: Water
Date Received: 02/13/26 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			757859	VLQ	EET SL	02/18/26 08:04
Total/NA	Analysis	9315		1	761102	SWS	EET SL	03/12/26 17:26
Total/NA	Prep	PrecSep_0			757860	VLQ	EET SL	02/18/26 08:20
Total/NA	Analysis	9320		1	759837	SWS	EET SL	03/04/26 11:57
Total/NA	Analysis	Ra226_Ra228		1	760591	FLC	EET SL	03/11/26 11:21

Lab Chronicle

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-57736-2

Client Sample ID: WAN-AP1-FD-08

Lab Sample ID: 705-57736-8
Date Collected: 02/12/26 00:00
Matrix: Water
Date Received: 02/13/26 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			757859	VLQ	EET SL	02/18/26 08:04
Total/NA	Analysis	9315		1	761102	SWS	EET SL	03/12/26 17:26
Total/NA	Prep	PrecSep_0			757860	VLQ	EET SL	02/18/26 08:20
Total/NA	Analysis	9320		1	759837	SWS	EET SL	03/04/26 11:57
Total/NA	Analysis	Ra226_Ra228		1	760591	FLC	EET SL	03/11/26 11:21

Client Sample ID: WAN-AP1-FB-14

Lab Sample ID: 705-57736-9
Date Collected: 02/12/26 11:45
Matrix: Water
Date Received: 02/13/26 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			757859	VLQ	EET SL	02/18/26 08:04
Total/NA	Analysis	9315		1	761102	SWS	EET SL	03/12/26 17:27
Total/NA	Prep	PrecSep_0			757860	VLQ	EET SL	02/18/26 08:20
Total/NA	Analysis	9320		1	759837	SWS	EET SL	03/04/26 11:57
Total/NA	Analysis	Ra226_Ra228		1	760591	FLC	EET SL	03/11/26 11:21

Client Sample ID: WAN-AP1-EB-03

Lab Sample ID: 705-57736-10
Date Collected: 02/12/26 15:20
Matrix: Water
Date Received: 02/13/26 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			757859	VLQ	EET SL	02/18/26 08:04
Total/NA	Analysis	9315		1	761102	SWS	EET SL	03/12/26 17:27
Total/NA	Prep	PrecSep_0			757860	VLQ	EET SL	02/18/26 08:20
Total/NA	Analysis	9320		1	759837	SWS	EET SL	03/04/26 11:57
Total/NA	Analysis	Ra226_Ra228		1	760591	FLC	EET SL	03/11/26 11:21

Client Sample ID: WAN-AP1-EB-08

Lab Sample ID: 705-57736-11
Date Collected: 02/12/26 15:15
Matrix: Water
Date Received: 02/13/26 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			757859	VLQ	EET SL	02/18/26 08:04
Total/NA	Analysis	9315		1	761102	SWS	EET SL	03/12/26 17:27
Total/NA	Prep	PrecSep_0			757860	VLQ	EET SL	02/18/26 08:20
Total/NA	Analysis	9320		1	759837	SWS	EET SL	03/04/26 11:57
Total/NA	Analysis	Ra226_Ra228		1	760591	FLC	EET SL	03/11/26 11:21

Lab Chronicle

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-57736-2

Client Sample ID: WAN-WGWC-8A

Lab Sample ID: 705-57736-12

Date Collected: 02/13/26 09:30
Matrix: Water
Date Received: 02/13/26 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			757859	VLQ	EET SL	02/18/26 08:04
Total/NA	Analysis	9315		1	761102	SWS	EET SL	03/12/26 17:27
Total/NA	Prep	PrecSep_0			757860	VLQ	EET SL	02/18/26 08:20
Total/NA	Analysis	9320		1	759837	SWS	EET SL	03/04/26 11:57
Total/NA	Analysis	Ra226_Ra228		1	760591	FLC	EET SL	03/11/26 11:21

Client Sample ID: WAN-WGWC-9

Lab Sample ID: 705-57736-13

Date Collected: 02/13/26 09:55
Matrix: Water
Date Received: 02/13/26 15:55

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			757859	VLQ	EET SL	02/18/26 08:04
Total/NA	Analysis	9315		1	761102	SWS	EET SL	03/12/26 17:27
Total/NA	Prep	PrecSep_0			757860	VLQ	EET SL	02/18/26 08:20
Total/NA	Analysis	9320		1	759837	SWS	EET SL	03/04/26 11:57
Total/NA	Analysis	Ra226_Ra228		1	760591	FLC	EET SL	03/11/26 11:21

Laboratory References:

EET SL = Eurofins St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566

Accreditation/Certification Summary

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-57736-2

Laboratory: Eurofins St. Louis

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

Authority	Program	Identification Number	Expiration Date
Florida	NELAP	E87689	06-30-26

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ANALYTICAL REPORT

PREPARED FOR

Attn: Robert (Trey) Singleton
Southern Company
3535 Colonnade Parkway
Bin S 530 EC
Birmingham, Alabama 35243

Generated 6/8/2026 8:22:57 PM

JOB DESCRIPTION

Plant Wansley - Ash Pond

JOB NUMBER

705-67465-1

Eurofins Atlanta
3080 Presidential Dr
Atlanta GA 30340

See page two for job notes and contact information.

my EOL

Eurofins Atlanta

Job Notes

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

Authorization

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

Sample Summary

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-67465-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
705-67465-1	WAN-WGWC-33	Water	05/18/26 16:23	05/20/26 17:41	Georgia (St)
705-67465-2	WAN-WGWC-37S	Water	05/18/26 14:58	05/20/26 17:41	Georgia (St)
705-67465-3	WAN-WGWC-38D	Water	05/18/26 13:30	05/20/26 17:41	Georgia (St)
705-67465-4	WAN-AP1-FB-15	Water	05/19/26 13:20	05/20/26 17:41	Georgia (St)
705-67465-5	WAN-WGWC-40	Water	05/19/26 14:47	05/20/26 17:41	Georgia (St)
705-67465-6	WAN-WGWC-31S	Water	05/19/26 15:59	05/20/26 17:41	Georgia (St)
705-67465-7	WAN-AP1-EB-09	Water	05/19/26 15:00	05/20/26 17:41	Georgia (St)
705-67465-8	WAN-WGWC-32	Water	05/19/26 16:34	05/20/26 17:41	Georgia (St)
705-67465-9	WAN-AP1-FD-09	Water	05/19/26 00:00	05/20/26 17:41	Georgia (St)
705-67793-1	WAN-WGWC-8A	Water	05/20/26 11:32	05/22/26 17:43	Georgia (St)
705-67793-2	WAN-WGWC-35S	Water	05/20/26 14:18	05/22/26 17:43	Georgia (St)
705-67793-3	WAN-WGWC-37D	Water	05/20/26 13:52	05/22/26 17:43	Georgia (St)
705-67793-4	WAN-WGWC-38S	Water	05/20/26 14:04	05/22/26 17:43	Georgia (St)
705-67793-5	WAN-AP1-EB-10	Water	05/20/26 11:40	05/22/26 17:43	Georgia (St)
705-67793-6	WAN-AP1-FD-10	Water	05/21/26 00:00	05/22/26 17:43	Georgia (St)
705-67793-7	WAN-WGWC-30	Water	05/21/26 12:25	05/22/26 17:43	Georgia (St)
705-67793-8	WAN-WGWC-34S	Water	05/21/26 11:11	05/22/26 17:43	Georgia (St)
705-67793-9	WAN-WGWC-36D	Water	05/21/26 13:27	05/22/26 17:43	Georgia (St)
705-67793-10	WAN-WGWC-31D	Water	05/21/26 10:23	05/22/26 17:43	Georgia (St)
705-67793-11	WAN-WGWC-39	Water	05/22/26 09:59	05/22/26 17:43	Georgia (St)
705-67793-12	WAN-WGWC-35D	Water	05/22/26 10:36	05/22/26 17:43	Georgia (St)
705-67793-13	WAN-AP1-FB-16	Water	05/22/26 10:50	05/22/26 17:43	Georgia (St)
705-67793-14	WAN-WGWC-36S	Water	05/22/26 13:44	05/22/26 17:43	Georgia (St)
705-67793-15	WAN-WGWC-34D	Water	05/22/26 13:53	05/22/26 17:43	Georgia (St)

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

Chain of Custody Record

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Client Information	Sampler: D. Johnson, ACC N. Nance	Lab PM: David Fuller / Phone: 770-344-8986	Carrier Tracking No(s):	COC No:
Client Contact: SCS Contacts	Phone:	E-Mail: David.Fuller@ET.EurofinsUS.com		Page: 1 of 1
Company: GA Power				Job #:
Address: 241 Ralph McGill Blvd SE	Due Date Requested:			
City: Atlanta	TAT Requested (days):			
State, Zip: GA, 30308				
Phone: 404-506-7116(Tel)	Lab Project #: 70504536			
Email: SCS Contacts / Geosyntec Contacts	PO #: GPC82130-0004 / PO Line #1			
Project Name: Plant Wansley Ash Pond Quarterly 4	Project #:			
Site:	SSOW#:			

Analysis Requested

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

Task_Code: WAN-CCR-OTH-2026 05 18

Special Instructions/Note:

705-67465 COC

Sample Identification	Sample Date (mm/dd/yy)	Sample Time (hhmm)	Sample Type (C=comp, G=grab)	Matrix (WG=ground water, WS=surface water, WQ=quality control)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D - Chloride, Fluoride, Sulfate	2540C_Calcd - Total Dissolved Solids (TDS)	6010D - App III Metals: B, Ca	6020B - App IV Metals: Sb,As,Ba,Be,Cd,Cr,Co,Pb,Mo,Se,Tl	6010D - Lithium	7470A - App IV Mercury	9315_Ra226 - Radium-226 (GFPC) - 21 day decay	9320_Ra228 - Radium-228 (GFPC) - 21 day decay	Ra226Ra228_GFPC - Combined Radium 226 and 228	Total Number of containers
			Preservation Code:				I	I	D	D	D	D	D	D	D	
WAN- WGWC-33	05/18/26	1623	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	5
WAN- WGWC-37S	05/18/26	1458	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	5
WAN- WGWC-38D	05/18/26	1330	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	5
WAN- API-FB-15	05/19/26	1320	G	WQ	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	5
WAN- WGWC-40	05/19/26	1447	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	5
WAN- WGWC-31S	05/19/26	1559	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	5
WAN- API-EB-09	05/19/26	1500	G	WQ	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	5
WAN- WGWC-32	05/19/26	1634	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	5
WAN- API-FD-09	05/19/26	—	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	5
WAN-			G		N	N										
WAN-			G		N	N										

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

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

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

Special Instructions/QC Requirements:

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

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
N Nance	5/20/26 1741	ACC		5/20/26 1741	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 0.1, 0.3, 1.2 #2665

705-67465 Chain of Custody

Ver: 01/16/2019

6/8/2026

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

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: ACC D. Johnson, J. May	Lab PM: David Fuller / Phone: 770-344-8986	Carrier Tracking No(s):	COC No:
Client Contact: SCS Contacts	Phone:	E-Mail: David.Fuller@ET.EurofinsUS.com		Page: 1 of 2
Company: GA Power				Job #:
Address: 241 Ralph McGill Blvd SE	Due Date Requested:			
City: Atlanta	TAT Requested (days):			
State, Zip: GA, 30308				
Phone: 404-506-7116(Tel)	Lab Project #: 70504536			
Email: SCS Contacts / Geosyntec Contacts	PO #: GPC82130-0004 / PO Line #1			
Project Name: Plant Wansley Ash Pond Quarterly 4	Project #:			
Site:	SSOW#:			

Analysis Requested

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

Task_Code: WAN-CCR-OTH-2026 0518

Special Instructions/Note:

705-67793 COC

Sample Identification	Sample Date (mm/dd/yy)	Sample Time (hhmm)	Sample Type (C=comp, G=grab)	Matrix (WG=ground water, WS=surface water, WQ=quality control)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D - Chloride, Fluoride, Sulfate	2540C_Calcd - Total Dissolved Solids (TDS)	6010D - App III Metals: B, Ca	6020B - App IV Metals: Sb,As,Ba,Be,Cd,Cr,Co,Pb,Mo,Se,Tl	6010D - Lithium	7470A - App IV Mercury	9315_Ra226 - Radium-226 (GFPC) - 21 day decay	9320_Ra228 - Radium-228 (GFPC) - 21 day decay	Ra226Ra228_GFPC - Combined Radium 226 and 228	Total Number of containers
			Preservation Code:				I	I	D	D	D	D	D	D	D	
WAN- WGWC-8A	05-20-26	1132	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	5
WAN- WGWC-35S	05-20-26	1418	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	5
WAN- WGWC-37D	05-20-26	1352	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	5
WAN- WGWC-38S	05-20-26	1404	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	5
WAN- API-EB-10	05-20-26	1140	G	WQ	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	5
WAN- API-FD-10	05-21-26	—	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	5
WAN- WGWC-30	05-21-26	1225	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	5
WAN- WGWC-34S	05-21-26	1111	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	5
WAN- WGWC-36D	05-21-26	1327	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	5
WAN- WGWC-31D	05-21-26	1023	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	5
WAN- WGWC-39	05-22-26	0959	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	5

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

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

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

Special Instructions/QC Requirements:

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

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
[signature]	5/22/26 1740	ACC	[signature]	5/22/26 543	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 2.6 C 0.3 0.3 2.6 2.4

705-67793 Chain of Custody

Ver: 01/16/2019

6/8/2026

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

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: D. Johnson, J. May (ACC)	Lab PM: David Fuller / Phone: 770-344-8986	Carrier Tracking No(s):	COC No:
Client Contact: SCS Contacts	Phone:	E-Mail: David.Fuller@ET.EurofinsUS.com		Page: 2 of 2
Company: GA Power				Job #:
Address: 241 Ralph McGill Blvd SE	Due Date Requested:			
City: Atlanta	TAT Requested (days):			
State, Zip: GA, 30308				
Phone: 404-506-7116(Tel)	Lab Project #: 70504536			
Email: SCS Contacts / Geosyntec Contacts	PO #: GPC82130-0004 / PO Line #1			
Project Name: Plant Wansley Ash Pond Quarterly 4	Project #:			
Site:	SSOW#:			

Analysis Requested

Sample Identification	Sample Date (mm/dd/yy)	Sample Time (hhmm)	Sample Type (C=Comp, G=grab)	Matrix (WG=ground water, WS=surface water, WQ=quality control)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D - Chloride, Fluoride, Sulfate	2540C_Calcd - Total Dissolved Solids (TDS)	6010D- App III Metals: B, Ca	6020B - App IV Metals: Sb,As,Ba,Be,Cd,Cr,Co,Pb,Mo,Se,Tl	6010D - Lithium	7470A - App IV Mercury	9315_Ra226 - Radium-226 (GFPC) - 21 day decay	9320_Ra228 - Radium-228 (GFPC) - 21 day decay	Ra226Ra228_GFPC - Combined Radium 226 and 228					Total Number of containers
			Preservation Code:				I	I	D	D	D	D	D	D	D					
WAN- WGWC-35 D	05-22-26	1036	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓					5
WAN- API-FB-16	05-22-26	1050	G	WQ	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓					5
WAN- WGWC-36 S	05-22-26	1344	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓					5
WAN- WGWC-34 D	05-22-26	1353	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓					5
WAN-			G		N	N														
WAN-			G		N	N														
WAN-			G		N	N														
WAN-			G		N	N														
WAN-			G		N	N														
WAN-			G		N	N														
WAN-			G		N	N														

Preservation Codes:

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

Other:

Task_Code: WAN-CCR-OTH-2026 0518

Special Instructions/Note:

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

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

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

Special Instructions/QC Requirements:

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

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
[signature]	5/22/26 1740	ACC	[signature]	5/22/26 543	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: Heb 5 0.3 0.3 0.6 0.4

Ver: 01/16/2019

6/8/2026

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 705-67465-1

Login Number: 67465

List Source: Eurofins Atlanta

List Number: 1

Creator: Jeremiah, Mortley

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

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

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 705-67465-1

Login Number: 67793
List Number: 1
Creator: Jeremiah, Mortley

List Source: Eurofins Atlanta

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

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

Definitions/Glossary

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-67465-1

Qualifiers

HPLC/IC

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

Metals

Qualifier	Qualifier Description
^+	Continuing Calibration Verification (CCV) is outside acceptance limits, high biased.
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
B	Compound was found in the blank and sample.
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

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

Job Narrative
705-67465-1

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

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

Receipt
The samples were received on 5/20/2026 5:41 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 3 coolers at receipt time were 0.1°C, 0.3°C and 1.2°C.

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

Metals
Method 6020B - Total Recoverable: The following sample was diluted due to the nature of the sample matrix: WAN-WGWC-38D (705-67465-3). Elevated reporting limits (RLs) are provided.

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

General Chemistry
Method 2540C: A lesser volume of sample was used for the following samples due to the nature of the sample matrix resulting in elevated reporting limits: WAN-WGWC-37S (705-67465-2) and WAN-WGWC-38D (705-67465-3).

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

Detection Summary

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-67465-1

Client Sample ID: WAN-WGWC-33 — Lab Sample ID: 705-67465-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	19		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.85		0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	290		10	7.7	mg/L	10		300.0	Total/NA
Boron	0.97		0.080	0.026	mg/L	1		6010D	Total/NA
Calcium	87		0.10	0.038	mg/L	1		6010D	Total/NA
Lithium	0.022		0.020	0.0037	mg/L	1		6010D	Total/NA
Arsenic	0.0016	J	0.0050	0.0013	mg/L	1		6020B	Total Recoverable
Barium	0.012		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Beryllium	0.0091		0.0010	0.00015	mg/L	1		6020B	Total Recoverable
Cadmium	0.0026		0.00070	0.00024	mg/L	1		6020B	Total Recoverable
Cobalt	0.0027	J	0.0050	0.00041	mg/L	1		6020B	Total Recoverable
Selenium	0.019		0.0050	0.0023	mg/L	1		6020B	Total Recoverable
Total Dissolved Solids	540		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: WAN-WGWC-37S — Lab Sample ID: 705-67465-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	550		10	9.8	mg/L	10		300.0	Total/NA
Fluoride	0.27		0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	2.2		1.0	0.77	mg/L	1		300.0	Total/NA
Boron	3.0		0.080	0.026	mg/L	1		6010D	Total/NA
Calcium	30		0.10	0.038	mg/L	1		6010D	Total/NA
Lithium	0.0043	J	0.020	0.0037	mg/L	1		6010D	Total/NA
Arsenic	0.0045	J	0.0050	0.0013	mg/L	1		6020B	Total Recoverable
Barium	0.98		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Beryllium	0.0025		0.0010	0.00015	mg/L	1		6020B	Total Recoverable
Cadmium	0.0040		0.00070	0.00024	mg/L	1		6020B	Total Recoverable
Cobalt	0.71		0.0050	0.00041	mg/L	1		6020B	Total Recoverable
Lead	0.0021		0.0010	0.00086	mg/L	1		6020B	Total Recoverable
Selenium	0.030		0.0050	0.0023	mg/L	1		6020B	Total Recoverable
Thallium	0.0028		0.0010	0.00019	mg/L	1		6020B	Total Recoverable
Total Dissolved Solids	1200		20	20	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: WAN-WGWC-38D — Lab Sample ID: 705-67465-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	990		20	20	mg/L	20		300.0	Total/NA
Fluoride	0.20		0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	1200		40	31	mg/L	40		300.0	Total/NA
Boron	43		0.080	0.026	mg/L	1		6010D	Total/NA
Calcium	850		1.0	0.38	mg/L	10		6010D	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: WAN-WGWC-38D (Continued) — Lab Sample ID: 705-67465-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.037		0.0050	0.0013	mg/L	1		6020B	Total Recoverable
Barium	0.027		0.020	0.00082	mg/L	2		6020B	Total Recoverable
Beryllium	0.00024	J	0.0010	0.00015	mg/L	1		6020B	Total Recoverable
Cadmium	0.0092		0.00070	0.00024	mg/L	1		6020B	Total Recoverable
Cobalt	0.10		0.0050	0.00041	mg/L	1		6020B	Total Recoverable
Lead	0.0089		0.0020	0.0017	mg/L	2		6020B	Total Recoverable
Selenium	0.18		0.0050	0.0023	mg/L	1		6020B	Total Recoverable
Thallium	0.0027		0.0020	0.00038	mg/L	2		6020B	Total Recoverable
Total Dissolved Solids	5400		40	40	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: WAN-AP1-FB-15 — Lab Sample ID: 705-67465-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Fluoride	0.12	J	0.20	0.081	mg/L	1		300.0	Total/NA
Boron	0.027	J	0.080	0.026	mg/L	1		6010D	Total/NA
Total Dissolved Solids	10		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: WAN-WGWC-40 — Lab Sample ID: 705-67465-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	10		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.13	J	0.20	0.081	mg/L	1		300.0	Total/NA
Calcium	0.087	J	0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.13		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Cobalt	0.0012	J	0.0050	0.00041	mg/L	1		6020B	Total Recoverable
Total Dissolved Solids	30		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: WAN-WGWC-31S — Lab Sample ID: 705-67465-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	3.1		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.15	J	0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	1.6		1.0	0.77	mg/L	1		300.0	Total/NA
Calcium	1.3		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.011		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Beryllium	0.00023	J	0.0010	0.00015	mg/L	1		6020B	Total Recoverable
Cobalt	0.00095	J	0.0050	0.00041	mg/L	1		6020B	Total Recoverable
Thallium	0.00022	J	0.0010	0.00019	mg/L	1		6020B	Total Recoverable
Total Dissolved Solids	61		10	10	mg/L	1		2540C - 2015	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-67465-1

Client Sample ID: WAN-AP1-EB-09 — Lab Sample ID: 705-67465-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Fluoride	0.13	J	0.20	0.081	mg/L	1		300.0	Total/NA

Client Sample ID: WAN-WGWC-32 — Lab Sample ID: 705-67465-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	4.7		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.19	J	0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	29		1.0	0.77	mg/L	1		300.0	Total/NA
Boron	0.24		0.080	0.026	mg/L	1		6010D	Total/NA
Calcium	6.5		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.047		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Beryllium	0.0018		0.0010	0.00015	mg/L	1		6020B	Total Recoverable
Selenium	0.0046	J	0.0050	0.0023	mg/L	1		6020B	Total Recoverable
Total Dissolved Solids	90		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: WAN-AP1-FD-09 — Lab Sample ID: 705-67465-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	4.7		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.17	J	0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	30		1.0	0.77	mg/L	1		300.0	Total/NA
Boron	0.23		0.080	0.026	mg/L	1		6010D	Total/NA
Calcium	6.6		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.044		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Beryllium	0.0016		0.0010	0.00015	mg/L	1		6020B	Total Recoverable
Selenium	0.0023	J	0.0050	0.0023	mg/L	1		6020B	Total Recoverable
Total Dissolved Solids	90		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: WAN-WGWC-8A — Lab Sample ID: 705-67793-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	70		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	3.3		0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	74		10	7.7	mg/L	10		300.0	Total/NA
Boron	0.21		0.080	0.026	mg/L	1		6010D	Total/NA
Calcium	35		0.10	0.038	mg/L	1		6010D	Total/NA
Lithium	0.12		0.020	0.0037	mg/L	1		6010D	Total/NA
Arsenic	0.0018	J	0.0050	0.0013	mg/L	1		6020B	Total Recoverable
Barium	0.0089	J	0.010	0.00041	mg/L	1		6020B	Total Recoverable
Beryllium	0.0052		0.0010	0.00015	mg/L	1		6020B	Total Recoverable
Cobalt	0.0035	J B	0.0050	0.00041	mg/L	1		6020B	Total Recoverable
Molybdenum	0.0083	B	0.0050	0.00069	mg/L	1		6020B	Total Recoverable
Thallium	0.00019	J	0.0010	0.00019	mg/L	1		6020B	Total Recoverable

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-67465-1

Client Sample ID: WAN-WGWC-8A (Continued) — Lab Sample ID: 705-67793-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Dissolved Solids	360		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: WAN-WGWC-35S — Lab Sample ID: 705-67793-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	4.4		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.25		0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	1.9		1.0	0.77	mg/L	1		300.0	Total/NA
Calcium	46		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.028		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Cobalt	0.011	B	0.0050	0.00041	mg/L	1		6020B	Total Recoverable
Molybdenum	0.00080	J B	0.0050	0.00069	mg/L	1		6020B	Total Recoverable
Thallium	0.00020	J	0.0010	0.00019	mg/L	1		6020B	Total Recoverable
Total Dissolved Solids	210		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: WAN-WGWC-37D — Lab Sample ID: 705-67793-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	20		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.16	J	0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	6.3		1.0	0.77	mg/L	1		300.0	Total/NA
Boron	0.078	J	0.080	0.026	mg/L	1		6010D	Total/NA
Calcium	12		0.10	0.038	mg/L	1		6010D	Total/NA
Arsenic	0.0017	J	0.0050	0.0013	mg/L	1		6020B	Total Recoverable
Barium	0.072		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Cobalt	0.014		0.0050	0.00041	mg/L	1		6020B	Total Recoverable
Total Dissolved Solids	170		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: WAN-WGWC-38S — Lab Sample ID: 705-67793-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	11		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.16	J	0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	6.9		1.0	0.77	mg/L	1		300.0	Total/NA
Boron	0.027	J	0.080	0.026	mg/L	1		6010D	Total/NA
Calcium	50		0.10	0.038	mg/L	1		6010D	Total/NA
Arsenic	0.0015	J	0.0050	0.0013	mg/L	1		6020B	Total Recoverable
Barium	0.13		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Cobalt	0.046	B	0.0050	0.00041	mg/L	1		6020B	Total Recoverable
Total Dissolved Solids	260		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: WAN-AP1-EB-10 — Lab Sample ID: 705-67793-5

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

This Detection Summary does not include radiochemical test results.

Client Sample ID: WAN-AP1-EB-10 (Continued) — Lab Sample ID: 705-67793-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.0057	J	0.010	0.00041	mg/L	1		6020B	Total Recoverable
Cobalt	0.0021	J B	0.0050	0.00041	mg/L	1		6020B	Total Recoverable
Total Dissolved Solids	25		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: WAN-AP1-FD-10 — Lab Sample ID: 705-67793-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	1.4	F1	1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.13	J	0.20	0.081	mg/L	1		300.0	Total/NA
Calcium	0.25		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.025		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Total Dissolved Solids	45		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: WAN-WGWC-30 — Lab Sample ID: 705-67793-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	1.2		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.12	J	0.20	0.081	mg/L	1		300.0	Total/NA
Calcium	0.30		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.024		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Total Dissolved Solids	49		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: WAN-WGWC-34S — Lab Sample ID: 705-67793-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	4.8		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.14	J	0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	0.86	J	1.0	0.77	mg/L	1		300.0	Total/NA
Calcium	2.1		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.026		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Cobalt	0.025		0.0050	0.00041	mg/L	1		6020B	Total Recoverable
Thallium	0.00029	J	0.0010	0.00019	mg/L	1		6020B	Total Recoverable
Total Dissolved Solids	31		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: WAN-WGWC-36D — Lab Sample ID: 705-67793-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	2.5		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.14	J	0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	1.0		1.0	0.77	mg/L	1		300.0	Total/NA
Calcium	8.1		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.027		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Cobalt	0.0073		0.0050	0.00041	mg/L	1		6020B	Total Recoverable
Total Dissolved Solids	74		10	10	mg/L	1		2540C - 2015	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-67465-1

Client Sample ID: WAN-WGWC-31D — Lab Sample ID: 705-67793-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	14		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	3.1		0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	23		1.0	0.77	mg/L	1		300.0	Total/NA
Calcium	26		0.10	0.038	mg/L	1		6010D	Total/NA
Lithium	0.049		0.020	0.0037	mg/L	1		6010D	Total/NA
Barium	0.0039	J B	0.010	0.00041	mg/L	1		6020B	Total Recoverable
Cobalt	0.00047	J	0.0050	0.00041	mg/L	1		6020B	Total Recoverable
Molybdenum	0.022		0.0050	0.00069	mg/L	1		6020B	Total Recoverable
Total Dissolved Solids	190		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: WAN-WGWC-39 — Lab Sample ID: 705-67793-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	1.6		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.15	J	0.20	0.081	mg/L	1		300.0	Total/NA
Calcium	0.52		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.051		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Beryllium	0.00029	J	0.0010	0.00015	mg/L	1		6020B	Total Recoverable
Cobalt	0.0078		0.0050	0.00041	mg/L	1		6020B	Total Recoverable
Lead	0.0010		0.0010	0.00086	mg/L	1		6020B	Total Recoverable
Molybdenum	0.0013	J	0.0050	0.00069	mg/L	1		6020B	Total Recoverable
Total Dissolved Solids	38		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: WAN-WGWC-35D — Lab Sample ID: 705-67793-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	8.2		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.19	J	0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	1.9		1.0	0.77	mg/L	1		300.0	Total/NA
Calcium	37		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.15		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Cobalt	0.0027	J	0.0050	0.00041	mg/L	1		6020B	Total Recoverable
Total Dissolved Solids	170		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: WAN-AP1-FB-16 — Lab Sample ID: 705-67793-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Fluoride	0.12	J	0.20	0.081	mg/L	1		300.0	Total/NA
Barium	0.00043	J B	0.010	0.00041	mg/L	1		6020B	Total Recoverable
Chromium	0.025	F1	0.0050	0.0037	mg/L	1		6020B	Total Recoverable
Molybdenum	0.0012	J	0.0050	0.00069	mg/L	1		6020B	Total Recoverable
Thallium	0.00027	J	0.0010	0.00019	mg/L	1		6020B	Total Recoverable

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-67465-1

Client Sample ID: WAN-WGWC-36S — Lab Sample ID: 705-67793-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	11		1.0	0.98	mg/L	1		300.0	Total/NA
Fluoride	0.20		0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	10		1.0	0.77	mg/L	1		300.0	Total/NA
Calcium	22		0.10	0.038	mg/L	1		6010D	Total/NA
Barium	0.071		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Cobalt	0.028		0.0050	0.00041	mg/L	1		6020B	Total Recoverable
Molybdenum	0.00083	J	0.0050	0.00069	mg/L	1		6020B	Total Recoverable
Total Dissolved Solids	160		10	10	mg/L	1		2540C - 2015	Total/NA

Client Sample ID: WAN-WGWC-34D — Lab Sample ID: 705-67793-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	130		20	20	mg/L	20		300.0	Total/NA
Fluoride	0.57		0.20	0.081	mg/L	1		300.0	Total/NA
Sulfate	410		20	15	mg/L	20		300.0	Total/NA
Boron	7.9		0.080	0.026	mg/L	1		6010D	Total/NA
Calcium	96		0.10	0.038	mg/L	1		6010D	Total/NA
Lithium	0.0070	J	0.020	0.0037	mg/L	1		6010D	Total/NA
Arsenic	0.0090		0.0050	0.0013	mg/L	1		6020B	Total Recoverable
Barium	0.035		0.010	0.00041	mg/L	1		6020B	Total Recoverable
Beryllium	0.0027		0.0010	0.00015	mg/L	1		6020B	Total Recoverable
Cadmium	0.0029		0.00070	0.00024	mg/L	1		6020B	Total Recoverable
Cobalt	0.15		0.0050	0.00041	mg/L	1		6020B	Total Recoverable
Selenium	0.016		0.0050	0.0023	mg/L	1		6020B	Total Recoverable
Total Dissolved Solids	910		10	10	mg/L	1		2540C - 2015	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-67465-1

Client Sample ID: WAN-WGWC-33

Lab Sample ID: 705-67465-1
Matrix: Water

Date Collected: 05/18/26 16:23
Date Received: 05/20/26 17:41

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	19		1.0	0.98	mg/L			05/29/26 20:10	1
Fluoride	0.85		0.20	0.081	mg/L			05/29/26 20:10	1
Sulfate	290		10	7.7	mg/L			05/30/26 12:31	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	0.97		0.080	0.026	mg/L		05/21/26 10:45	05/22/26 14:09	1
Calcium	87		0.10	0.038	mg/L		05/21/26 10:45	05/22/26 14:09	1
Lithium	0.022		0.020	0.0037	mg/L		05/21/26 10:45	05/22/26 14:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		05/21/26 11:45	05/23/26 01:34	1
Arsenic	0.0016	J	0.0050	0.0013	mg/L		05/21/26 11:45	05/23/26 01:34	1
Barium	0.012		0.010	0.00041	mg/L		05/21/26 11:45	05/23/26 01:34	1
Beryllium	0.0091		0.0010	0.00015	mg/L		05/21/26 11:45	05/23/26 01:34	1
Cadmium	0.0026		0.00070	0.00024	mg/L		05/21/26 11:45	05/23/26 01:34	1
Chromium	<0.0037		0.0050	0.0037	mg/L		05/21/26 11:45	05/23/26 01:34	1
Cobalt	0.0027	J	0.0050	0.00041	mg/L		05/21/26 11:45	05/23/26 01:34	1
Lead	<0.00086		0.0010	0.00086	mg/L		05/21/26 11:45	05/23/26 01:34	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		05/21/26 11:45	05/23/26 01:34	1
Selenium	0.019		0.0050	0.0023	mg/L		05/21/26 11:45	05/23/26 01:34	1
Thallium	<0.00019		0.0010	0.00019	mg/L		05/21/26 11:45	05/23/26 01:34	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		05/27/26 12:02	05/29/26 12:27	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C - 2015)	540		10	10	mg/L			05/22/26 16:13	1

Client Sample ID: WAN-WGWC-37S

Lab Sample ID: 705-67465-2
Matrix: Water

Date Collected: 05/18/26 14:58
Date Received: 05/20/26 17:41

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	550		10	9.8	mg/L			05/30/26 12:43	10
Fluoride	0.27		0.20	0.081	mg/L			05/29/26 20:21	1
Sulfate	2.2		1.0	0.77	mg/L			05/29/26 20:21	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	3.0		0.080	0.026	mg/L		05/21/26 10:45	05/22/26 14:12	1
Calcium	30		0.10	0.038	mg/L		05/21/26 10:45	05/22/26 14:12	1
Lithium	0.0043	J	0.020	0.0037	mg/L		05/21/26 10:45	05/22/26 14:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		05/21/26 11:45	05/23/26 01:37	1

Client Sample ID: WAN-WGWC-37S

Lab Sample ID: 705-67465-2

Date Collected: 05/18/26 14:58

Matrix: Water

Date Received: 05/20/26 17:41

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.0045	J	0.0050	0.0013	mg/L		05/21/26 11:45	05/23/26 01:37	1
Barium	0.98		0.010	0.00041	mg/L		05/21/26 11:45	05/23/26 01:37	1
Beryllium	0.0025		0.0010	0.00015	mg/L		05/21/26 11:45	05/23/26 01:37	1
Cadmium	0.0040		0.00070	0.00024	mg/L		05/21/26 11:45	05/23/26 01:37	1
Chromium	<0.0037		0.0050	0.0037	mg/L		05/21/26 11:45	05/23/26 01:37	1
Cobalt	0.71		0.0050	0.00041	mg/L		05/21/26 11:45	05/23/26 01:37	1
Lead	0.0021		0.0010	0.00086	mg/L		05/21/26 11:45	05/23/26 01:37	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		05/21/26 11:45	05/23/26 01:37	1
Selenium	0.030		0.0050	0.0023	mg/L		05/21/26 11:45	05/23/26 01:37	1
Thallium	0.0028		0.0010	0.00019	mg/L		05/21/26 11:45	05/23/26 01:37	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		05/27/26 12:02	05/29/26 12:39	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C - 2015)	1200		20	20	mg/L			05/22/26 16:13	1

Client Sample ID: WAN-WGWC-38D

Lab Sample ID: 705-67465-3

Date Collected: 05/18/26 13:30

Matrix: Water

Date Received: 05/20/26 17:41

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	990		20	20	mg/L			05/30/26 12:55	20
Fluoride	0.20		0.20	0.081	mg/L			05/29/26 20:33	1
Sulfate	1200		40	31	mg/L			05/30/26 13:41	40

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	43		0.080	0.026	mg/L		05/21/26 10:45	05/22/26 14:15	1
Calcium	850		1.0	0.38	mg/L		05/21/26 10:45	05/28/26 17:42	10
Lithium	<0.0037		0.020	0.0037	mg/L		05/21/26 10:45	05/22/26 14:15	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0049		0.010	0.0049	mg/L		05/21/26 11:45	05/23/26 11:58	2
Arsenic	0.037		0.0050	0.0013	mg/L		05/21/26 11:45	05/23/26 01:40	1
Barium	0.027		0.020	0.00082	mg/L		05/21/26 11:45	05/23/26 11:58	2
Beryllium	0.00024	J	0.0010	0.00015	mg/L		05/21/26 11:45	05/23/26 01:40	1
Cadmium	0.0092		0.00070	0.00024	mg/L		05/21/26 11:45	05/23/26 01:40	1
Chromium	<0.0037		0.0050	0.0037	mg/L		05/21/26 11:45	05/23/26 01:40	1
Cobalt	0.10		0.0050	0.00041	mg/L		05/21/26 11:45	05/23/26 01:40	1
Lead	0.0089		0.0020	0.0017	mg/L		05/21/26 11:45	05/23/26 11:58	2
Molybdenum	<0.00069		0.0050	0.00069	mg/L		05/21/26 11:45	05/23/26 01:40	1
Selenium	0.18		0.0050	0.0023	mg/L		05/21/26 11:45	05/23/26 01:40	1
Thallium	0.0027		0.0020	0.00038	mg/L		05/21/26 11:45	05/23/26 11:58	2

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-67465-1

Client Sample ID: WAN-WGWC-38D

Lab Sample ID: 705-67465-3
Matrix: Water
Date Collected: 05/18/26 13:30
Date Received: 05/20/26 17:41

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		05/27/26 12:02	05/29/26 12:43	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C - 2015)	5400		40	40	mg/L			05/22/26 16:13	1

Client Sample ID: WAN-AP1-FB-15

Lab Sample ID: 705-67465-4
Matrix: Water
Date Collected: 05/19/26 13:20
Date Received: 05/20/26 17:41

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.98		1.0	0.98	mg/L			05/29/26 20:44	1
Fluoride	0.12	J	0.20	0.081	mg/L			05/29/26 20:44	1
Sulfate	<0.77		1.0	0.77	mg/L			05/29/26 20:44	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	0.027	J	0.080	0.026	mg/L		05/21/26 10:45	05/22/26 14:18	1
Calcium	<0.038		0.10	0.038	mg/L		05/21/26 10:45	05/22/26 14:18	1
Lithium	<0.0037		0.020	0.0037	mg/L		05/21/26 10:45	05/22/26 14:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		05/21/26 09:16	05/22/26 22:26	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		05/21/26 09:16	05/22/26 22:26	1
Barium	<0.00041		0.010	0.00041	mg/L		05/21/26 09:16	05/22/26 22:26	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		05/21/26 09:16	05/22/26 22:26	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		05/21/26 09:16	05/22/26 22:26	1
Chromium	<0.0037		0.0050	0.0037	mg/L		05/21/26 09:16	05/22/26 22:26	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		05/21/26 09:16	05/22/26 22:26	1
Lead	<0.00086		0.0010	0.00086	mg/L		05/21/26 09:16	05/22/26 22:26	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		05/21/26 09:16	05/22/26 22:26	1
Selenium	<0.0023		0.0050	0.0023	mg/L		05/21/26 09:16	05/22/26 22:26	1
Thallium	<0.00019		0.0010	0.00019	mg/L		05/21/26 09:16	05/22/26 22:26	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		05/27/26 12:02	05/29/26 12:59	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C - 2015)	10		10	10	mg/L			05/22/26 16:13	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-67465-1

Client Sample ID: WAN-WGWC-40

Lab Sample ID: 705-67465-5
Matrix: Water
Date Collected: 05/19/26 14:47
Date Received: 05/20/26 17:41

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	10		1.0	0.98	mg/L			05/29/26 21:30	1
Fluoride	0.13	J	0.20	0.081	mg/L			05/29/26 21:30	1
Sulfate	<0.77		1.0	0.77	mg/L			05/29/26 21:30	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		05/21/26 10:45	05/22/26 14:24	1
Calcium	0.087	J	0.10	0.038	mg/L		05/21/26 10:45	05/22/26 14:24	1
Lithium	<0.0037		0.020	0.0037	mg/L		05/21/26 10:45	05/22/26 14:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		05/21/26 09:16	05/22/26 22:29	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		05/21/26 09:16	05/22/26 22:29	1
Barium	0.13		0.010	0.00041	mg/L		05/21/26 09:16	05/22/26 22:29	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		05/21/26 09:16	05/22/26 22:29	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		05/21/26 09:16	05/22/26 22:29	1
Chromium	<0.0037		0.0050	0.0037	mg/L		05/21/26 09:16	05/22/26 22:29	1
Cobalt	0.0012	J	0.0050	0.00041	mg/L		05/21/26 09:16	05/22/26 22:29	1
Lead	<0.00086		0.0010	0.00086	mg/L		05/21/26 09:16	05/22/26 22:29	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		05/21/26 09:16	05/22/26 22:29	1
Selenium	<0.0023		0.0050	0.0023	mg/L		05/21/26 09:16	05/22/26 22:29	1
Thallium	<0.00019		0.0010	0.00019	mg/L		05/21/26 09:16	05/22/26 22:29	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		05/27/26 12:02	05/29/26 13:03	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C - 2015)	30		10	10	mg/L			05/22/26 16:13	1

Client Sample ID: WAN-WGWC-31S

Lab Sample ID: 705-67465-6
Matrix: Water
Date Collected: 05/19/26 15:59
Date Received: 05/20/26 17:41

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3.1		1.0	0.98	mg/L			05/29/26 21:42	1
Fluoride	0.15	J	0.20	0.081	mg/L			05/29/26 21:42	1
Sulfate	1.6		1.0	0.77	mg/L			05/29/26 21:42	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		05/21/26 10:45	05/22/26 14:27	1
Calcium	1.3		0.10	0.038	mg/L		05/21/26 10:45	05/22/26 14:27	1
Lithium	<0.0037		0.020	0.0037	mg/L		05/21/26 10:45	05/22/26 14:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		05/21/26 09:16	05/22/26 22:31	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-67465-1

Client Sample ID: WAN-WGWC-31S

Lab Sample ID: 705-67465-6
Matrix: Water
Date Collected: 05/19/26 15:59
Date Received: 05/20/26 17:41

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.0013		0.0050	0.0013	mg/L		05/21/26 09:16	05/22/26 22:31	1
Barium	**0.011**		0.010	0.00041	mg/L		05/21/26 09:16	05/22/26 22:31	1
Beryllium	**0.00023**	**J**	0.0010	0.00015	mg/L		05/21/26 09:16	05/22/26 22:31	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		05/21/26 09:16	05/22/26 22:31	1
Chromium	<0.0037		0.0050	0.0037	mg/L		05/21/26 09:16	05/22/26 22:31	1
Cobalt	**0.00095**	**J**	0.0050	0.00041	mg/L		05/21/26 09:16	05/22/26 22:31	1
Lead	<0.00086		0.0010	0.00086	mg/L		05/21/26 09:16	05/22/26 22:31	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		05/21/26 09:16	05/22/26 22:31	1
Selenium	<0.0023		0.0050	0.0023	mg/L		05/21/26 09:16	05/22/26 22:31	1
Thallium	**0.00022**	**J**	0.0010	0.00019	mg/L		05/21/26 09:16	05/22/26 22:31	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		05/27/26 12:02	05/29/26 13:07	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C - 2015)	**61**		10	10	mg/L			05/22/26 16:13	1

Client Sample ID: WAN-AP1-EB-09

Lab Sample ID: 705-67465-7
Matrix: Water
Date Collected: 05/19/26 15:00
Date Received: 05/20/26 17:41

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.98		1.0	0.98	mg/L			05/29/26 21:53	1
Fluoride	**0.13**	**J**	0.20	0.081	mg/L			05/29/26 21:53	1
Sulfate	<0.77		1.0	0.77	mg/L			05/29/26 21:53	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		05/21/26 10:45	05/22/26 14:36	1
Calcium	<0.038		0.10	0.038	mg/L		05/21/26 10:45	05/22/26 14:36	1
Lithium	<0.0037		0.020	0.0037	mg/L		05/21/26 10:45	05/22/26 14:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		05/21/26 09:16	05/22/26 22:34	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		05/21/26 09:16	05/22/26 22:34	1
Barium	<0.00041		0.010	0.00041	mg/L		05/21/26 09:16	05/22/26 22:34	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		05/21/26 09:16	05/22/26 22:34	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		05/21/26 09:16	05/22/26 22:34	1
Chromium	<0.0037		0.0050	0.0037	mg/L		05/21/26 09:16	05/22/26 22:34	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		05/21/26 09:16	05/22/26 22:34	1
Lead	<0.00086		0.0010	0.00086	mg/L		05/21/26 09:16	05/22/26 22:34	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		05/21/26 09:16	05/22/26 22:34	1
Selenium	<0.0023		0.0050	0.0023	mg/L		05/21/26 09:16	05/22/26 22:34	1
Thallium	<0.00019		0.0010	0.00019	mg/L		05/21/26 09:16	05/22/26 22:34	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-67465-1

Client Sample ID: WAN-AP1-EB-09

Lab Sample ID: 705-67465-7
Matrix: Water
Date Collected: 05/19/26 15:00
Date Received: 05/20/26 17:41

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		05/27/26 12:02	05/29/26 13:11	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C - 2015)	<10		10	10	mg/L			05/22/26 16:13	1

Client Sample ID: WAN-WGWC-32

Lab Sample ID: 705-67465-8
Matrix: Water
Date Collected: 05/19/26 16:34
Date Received: 05/20/26 17:41

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**4.7**		1.0	0.98	mg/L			05/29/26 22:05	1
Fluoride	**0.19**	**J**	0.20	0.081	mg/L			05/29/26 22:05	1
Sulfate	**29**		1.0	0.77	mg/L			05/29/26 22:05	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**0.24**		0.080	0.026	mg/L		05/21/26 10:45	05/22/26 14:21	1
Calcium	**6.5**		0.10	0.038	mg/L		05/21/26 10:45	05/22/26 14:21	1
Lithium	<0.0037		0.020	0.0037	mg/L		05/21/26 10:45	05/22/26 14:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		05/21/26 09:16	05/22/26 22:37	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		05/21/26 09:16	05/22/26 22:37	1
Barium	**0.047**		0.010	0.00041	mg/L		05/21/26 09:16	05/22/26 22:37	1
Beryllium	**0.0018**		0.0010	0.00015	mg/L		05/21/26 09:16	05/22/26 22:37	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		05/21/26 09:16	05/22/26 22:37	1
Chromium	<0.0037		0.0050	0.0037	mg/L		05/21/26 09:16	05/22/26 22:37	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		05/21/26 09:16	05/22/26 22:37	1
Lead	<0.00086		0.0010	0.00086	mg/L		05/21/26 09:16	05/22/26 22:37	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		05/21/26 09:16	05/22/26 22:37	1
Selenium	**0.0046**	**J**	0.0050	0.0023	mg/L		05/21/26 09:16	05/22/26 22:37	1
Thallium	<0.00019		0.0010	0.00019	mg/L		05/21/26 09:16	05/22/26 22:37	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		05/27/26 12:02	05/29/26 13:15	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C - 2015)	**90**		10	10	mg/L			05/22/26 16:13	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-67465-1

Client Sample ID: WAN-AP1-FD-09

Lab Sample ID: 705-67465-9
Matrix: Water

Date Collected: 05/19/26 00:00
Date Received: 05/20/26 17:41

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4.7		1.0	0.98	mg/L			05/29/26 22:17	1
Fluoride	0.17	J	0.20	0.081	mg/L			05/29/26 22:17	1
Sulfate	30		1.0	0.77	mg/L			05/29/26 22:17	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	0.23		0.080	0.026	mg/L		05/21/26 10:45	05/22/26 14:39	1
Calcium	6.6		0.10	0.038	mg/L		05/21/26 10:45	05/22/26 14:39	1
Lithium	<0.0037		0.020	0.0037	mg/L		05/21/26 10:45	05/22/26 14:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		05/21/26 09:16	05/22/26 21:56	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		05/21/26 09:16	05/22/26 21:56	1
Barium	0.044		0.010	0.00041	mg/L		05/21/26 09:16	05/22/26 21:56	1
Beryllium	0.0016		0.0010	0.00015	mg/L		05/21/26 09:16	05/22/26 21:56	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		05/21/26 09:16	05/22/26 21:56	1
Chromium	<0.0037		0.0050	0.0037	mg/L		05/21/26 09:16	05/22/26 21:56	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		05/21/26 09:16	05/22/26 21:56	1
Lead	<0.00086		0.0010	0.00086	mg/L		05/21/26 09:16	05/22/26 21:56	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		05/21/26 09:16	05/22/26 21:56	1
Selenium	0.0023	J	0.0050	0.0023	mg/L		05/21/26 09:16	05/22/26 21:56	1
Thallium	<0.00019		0.0010	0.00019	mg/L		05/21/26 09:16	05/22/26 21:56	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		05/27/26 12:02	05/29/26 13:18	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C - 2015)	90		10	10	mg/L			05/22/26 16:13	1

Client Sample ID: WAN-WGWC-8A

Lab Sample ID: 705-67793-1
Matrix: Water

Date Collected: 05/20/26 11:32
Date Received: 05/22/26 17:43

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	70		1.0	0.98	mg/L			06/04/26 15:15	1
Fluoride	3.3		0.20	0.081	mg/L			06/04/26 15:15	1
Sulfate	74		10	7.7	mg/L			06/04/26 18:20	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	0.21		0.080	0.026	mg/L		05/26/26 14:55	05/27/26 13:27	1
Calcium	35		0.10	0.038	mg/L		05/26/26 14:55	05/27/26 13:27	1
Lithium	0.12		0.020	0.0037	mg/L		05/26/26 14:55	05/27/26 13:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		05/26/26 10:10	05/28/26 02:43	1

Client Sample ID: WAN-WGWC-8A

Lab Sample ID: 705-67793-1

Date Collected: 05/20/26 11:32
Matrix: Water
Date Received: 05/22/26 17:43

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**0.0018**	**J**	0.0050	0.0013	mg/L		05/26/26 10:10	05/28/26 02:43	1
Barium	**0.0089**	**J**	0.010	0.00041	mg/L		05/26/26 10:10	05/28/26 02:43	1
Beryllium	**0.0052**		0.0010	0.00015	mg/L		05/26/26 10:10	05/28/26 02:43	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		05/26/26 10:10	05/28/26 02:43	1
Chromium	<0.0037	F1	0.0050	0.0037	mg/L		05/26/26 10:10	05/28/26 17:11	1
Cobalt	**0.0035**	**J B**	0.0050	0.00041	mg/L		05/26/26 10:10	05/28/26 02:43	1
Lead	<0.00086		0.0010	0.00086	mg/L		05/26/26 10:10	05/28/26 02:43	1
Molybdenum	**0.0083**	**B**	0.0050	0.00069	mg/L		05/26/26 10:10	05/28/26 02:43	1
Selenium	<0.0023		0.0050	0.0023	mg/L		05/26/26 10:10	05/28/26 02:43	1
Thallium	**0.00019**	**J**	0.0010	0.00019	mg/L		05/26/26 10:10	05/28/26 02:43	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		05/28/26 16:55	05/29/26 09:40	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C - 2015)	**360**		10	10	mg/L			05/26/26 16:00	1

Client Sample ID: WAN-WGWC-35S

Lab Sample ID: 705-67793-2

Date Collected: 05/20/26 14:18
Matrix: Water
Date Received: 05/22/26 17:43

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**4.4**		1.0	0.98	mg/L			06/04/26 15:26	1
Fluoride	**0.25**		0.20	0.081	mg/L			06/04/26 15:26	1
Sulfate	**1.9**		1.0	0.77	mg/L			06/04/26 15:26	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		05/26/26 14:55	05/27/26 13:30	1
Calcium	**46**		0.10	0.038	mg/L		05/26/26 14:55	05/27/26 13:30	1
Lithium	<0.0037		0.020	0.0037	mg/L		05/26/26 14:55	05/27/26 13:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		05/26/26 10:10	05/28/26 04:35	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		05/26/26 10:10	05/28/26 04:35	1
Barium	**0.028**		0.010	0.00041	mg/L		05/26/26 10:10	05/28/26 04:35	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		05/26/26 10:10	05/28/26 04:35	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		05/26/26 10:10	05/28/26 04:35	1
Chromium	<0.0037		0.0050	0.0037	mg/L		05/26/26 10:10	05/28/26 04:35	1
Cobalt	**0.011**	**B**	0.0050	0.00041	mg/L		05/26/26 10:10	05/28/26 04:35	1
Lead	<0.00086		0.0010	0.00086	mg/L		05/26/26 10:10	05/28/26 04:35	1
Molybdenum	**0.00080**	**J B**	0.0050	0.00069	mg/L		05/26/26 10:10	05/28/26 04:35	1
Selenium	<0.0023		0.0050	0.0023	mg/L		05/26/26 10:10	05/28/26 04:35	1
Thallium	**0.00020**	**J**	0.0010	0.00019	mg/L		05/26/26 10:10	05/28/26 04:35	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-67465-1

Client Sample ID: WAN-WGWC-35S

Lab Sample ID: 705-67793-2
Date Collected: 05/20/26 14:18
Matrix: Water
Date Received: 05/22/26 17:43

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		05/28/26 16:55	05/29/26 09:43	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C - 2015)	210		10	10	mg/L			05/26/26 16:00	1

Client Sample ID: WAN-WGWC-37D

Lab Sample ID: 705-67793-3
Date Collected: 05/20/26 13:52
Matrix: Water
Date Received: 05/22/26 17:43

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	20		1.0	0.98	mg/L			06/05/26 09:55	1
Fluoride	0.16	J	0.20	0.081	mg/L			06/05/26 09:55	1
Sulfate	6.3		1.0	0.77	mg/L			06/05/26 09:55	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	0.078	J	0.080	0.026	mg/L		05/26/26 14:55	05/27/26 13:39	1
Calcium	12		0.10	0.038	mg/L		05/26/26 14:55	05/27/26 13:39	1
Lithium	<0.0037		0.020	0.0037	mg/L		05/26/26 14:55	05/27/26 13:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		05/26/26 10:10	05/28/26 04:38	1
Arsenic	0.0017	J	0.0050	0.0013	mg/L		05/26/26 10:10	05/28/26 04:38	1
Barium	0.072		0.010	0.00041	mg/L		05/26/26 10:10	05/28/26 04:38	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		05/26/26 10:10	05/28/26 04:38	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		05/26/26 10:10	05/28/26 04:38	1
Chromium	<0.0037		0.0050	0.0037	mg/L		05/26/26 10:10	05/28/26 04:38	1
Cobalt	0.014		0.0050	0.00041	mg/L		05/26/26 10:10	05/28/26 17:13	1
Lead	<0.00086		0.0010	0.00086	mg/L		05/26/26 10:10	05/28/26 04:38	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		05/26/26 10:10	05/28/26 04:38	1
Selenium	<0.0023		0.0050	0.0023	mg/L		05/26/26 10:10	05/28/26 04:38	1
Thallium	<0.00019		0.0010	0.00019	mg/L		05/26/26 10:10	05/28/26 04:38	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		05/28/26 16:55	05/29/26 09:46	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C - 2015)	170		10	10	mg/L			05/26/26 16:00	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-67465-1

Client Sample ID: WAN-WGWC-38S

Lab Sample ID: 705-67793-4

Date Collected: 05/20/26 14:04
Date Received: 05/22/26 17:43
Matrix: Water

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**11**		1.0	0.98	mg/L			06/05/26 10:06	1
Fluoride	**0.16**	**J**	0.20	0.081	mg/L			06/05/26 10:06	1
Sulfate	**6.9**		1.0	0.77	mg/L			06/05/26 10:06	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**0.027**	**J**	0.080	0.026	mg/L		05/26/26 14:55	05/27/26 13:42	1
Calcium	**50**		0.10	0.038	mg/L		05/26/26 14:55	05/27/26 13:42	1
Lithium	<0.0037		0.020	0.0037	mg/L		05/26/26 14:55	05/27/26 13:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		05/26/26 10:10	05/28/26 04:40	1
Arsenic	**0.0015**	**J**	0.0050	0.0013	mg/L		05/26/26 10:10	05/28/26 04:40	1
Barium	**0.13**		0.010	0.00041	mg/L		05/26/26 10:10	05/28/26 04:40	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		05/26/26 10:10	05/28/26 04:40	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		05/26/26 10:10	05/28/26 04:40	1
Chromium	<0.0037		0.0050	0.0037	mg/L		05/26/26 10:10	05/28/26 04:40	1
Cobalt	**0.046**	**B**	0.0050	0.00041	mg/L		05/26/26 10:10	05/28/26 04:40	1
Lead	<0.00086		0.0010	0.00086	mg/L		05/26/26 10:10	05/28/26 04:40	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		05/26/26 10:10	05/28/26 04:40	1
Selenium	<0.0023		0.0050	0.0023	mg/L		05/26/26 10:10	05/28/26 04:40	1
Thallium	<0.00019		0.0010	0.00019	mg/L		05/26/26 10:10	05/28/26 04:40	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		05/28/26 16:55	05/29/26 09:50	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C - 2015)	**260**		10	10	mg/L			05/27/26 18:00	1

Client Sample ID: WAN-AP1-EB-10

Lab Sample ID: 705-67793-5

Date Collected: 05/20/26 11:40
Date Received: 05/22/26 17:43
Matrix: Water

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.98		1.0	0.98	mg/L			05/30/26 14:27	1
Fluoride	**0.12**	**J**	0.20	0.081	mg/L			05/30/26 14:27	1
Sulfate	<0.77		1.0	0.77	mg/L			05/30/26 14:27	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		05/26/26 14:55	05/27/26 13:22	1
Calcium	<0.038		0.10	0.038	mg/L		05/26/26 14:55	05/27/26 13:22	1
Lithium	<0.0037		0.020	0.0037	mg/L		05/26/26 14:55	05/27/26 13:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		05/26/26 10:10	05/28/26 04:43	1

Client Sample ID: WAN-AP1-EB-10

Lab Sample ID: 705-67793-5

Date Collected: 05/20/26 11:40
Matrix: Water
Date Received: 05/22/26 17:43

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.0013		0.0050	0.0013	mg/L		05/26/26 10:10	05/28/26 04:43	1
Barium	**0.0057**	**J**	0.010	0.00041	mg/L		05/26/26 10:10	05/28/26 04:43	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		05/26/26 10:10	05/28/26 04:43	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		05/26/26 10:10	05/28/26 04:43	1
Chromium	<0.0037		0.0050	0.0037	mg/L		05/26/26 10:10	05/28/26 04:43	1
Cobalt	**0.0021**	**J B**	0.0050	0.00041	mg/L		05/26/26 10:10	05/28/26 04:43	1
Lead	<0.00086		0.0010	0.00086	mg/L		05/26/26 10:10	05/28/26 04:43	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		05/26/26 10:10	05/28/26 04:43	1
Selenium	<0.0023		0.0050	0.0023	mg/L		05/26/26 10:10	05/28/26 04:43	1
Thallium	<0.00019		0.0010	0.00019	mg/L		05/26/26 10:10	05/28/26 04:43	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		05/28/26 16:55	05/29/26 09:53	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C - 2015)	**25**		10	10	mg/L			05/27/26 18:00	1

Client Sample ID: WAN-AP1-FD-10

Lab Sample ID: 705-67793-6

Date Collected: 05/21/26 00:00
Matrix: Water
Date Received: 05/22/26 17:43

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1.4**	**F1**	1.0	0.98	mg/L			06/03/26 08:24	1
Fluoride	**0.13**	**J**	0.20	0.081	mg/L			06/03/26 08:24	1
Sulfate	<0.77	F1	1.0	0.77	mg/L			06/03/26 08:24	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		05/26/26 14:55	05/27/26 13:25	1
Calcium	**0.25**		0.10	0.038	mg/L		05/26/26 14:55	05/27/26 13:25	1
Lithium	<0.0037		0.020	0.0037	mg/L		05/26/26 14:55	05/27/26 13:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		05/26/26 10:10	05/28/26 04:46	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		05/26/26 10:10	05/28/26 04:46	1
Barium	**0.025**		0.010	0.00041	mg/L		05/26/26 10:10	05/28/26 04:46	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		05/26/26 10:10	05/28/26 04:46	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		05/26/26 10:10	05/28/26 04:46	1
Chromium	<0.0037		0.0050	0.0037	mg/L		05/26/26 10:10	05/28/26 04:46	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		05/26/26 10:10	05/28/26 04:46	1
Lead	<0.00086		0.0010	0.00086	mg/L		05/26/26 10:10	05/28/26 04:46	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		05/26/26 10:10	05/28/26 04:46	1
Selenium	<0.0023		0.0050	0.0023	mg/L		05/26/26 10:10	05/28/26 04:46	1
Thallium	<0.00019		0.0010	0.00019	mg/L		05/26/26 10:10	05/28/26 04:46	1

Client Sample ID: WAN-AP1-FD-10

Lab Sample ID: 705-67793-6

Date Collected: 05/21/26 00:00
Matrix: Water
Date Received: 05/22/26 17:43

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		05/28/26 16:55	05/29/26 10:10	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C - 2015)	45		10	10	mg/L			05/27/26 18:00	1

Client Sample ID: WAN-WGWC-30

Lab Sample ID: 705-67793-7

Date Collected: 05/21/26 12:25
Matrix: Water
Date Received: 05/22/26 17:43

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.2		1.0	0.98	mg/L			05/30/26 14:39	1
Fluoride	0.12	J	0.20	0.081	mg/L			05/30/26 14:39	1
Sulfate	<0.77		1.0	0.77	mg/L			05/30/26 14:39	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		05/27/26 10:05	05/28/26 16:44	1
Calcium	0.30		0.10	0.038	mg/L		05/27/26 10:05	05/28/26 16:44	1
Lithium	<0.0037		0.020	0.0037	mg/L		05/27/26 10:05	05/28/26 16:44	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		05/26/26 10:10	05/28/26 04:48	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		05/26/26 10:10	05/28/26 04:48	1
Barium	0.024		0.010	0.00041	mg/L		05/26/26 10:10	05/28/26 04:48	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		05/26/26 10:10	05/28/26 04:48	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		05/26/26 10:10	05/28/26 04:48	1
Chromium	<0.0037		0.0050	0.0037	mg/L		05/26/26 10:10	05/28/26 04:48	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		05/26/26 10:10	05/28/26 04:48	1
Lead	<0.00086		0.0010	0.00086	mg/L		05/26/26 10:10	05/28/26 04:48	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		05/26/26 10:10	05/28/26 04:48	1
Selenium	<0.0023		0.0050	0.0023	mg/L		05/26/26 10:10	05/28/26 04:48	1
Thallium	<0.00019		0.0010	0.00019	mg/L		05/26/26 10:10	05/28/26 04:48	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		05/28/26 16:55	05/29/26 10:14	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C - 2015)	49		10	10	mg/L			05/27/26 18:00	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-67465-1

Client Sample ID: WAN-WGWC-34S

Lab Sample ID: 705-67793-8

Date Collected: 05/21/26 11:11
Date Received: 05/22/26 17:43

Matrix: Water

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4.8		1.0	0.98	mg/L			06/05/26 10:18	1
Fluoride	0.14	J	0.20	0.081	mg/L			06/05/26 10:18	1
Sulfate	0.86	J	1.0	0.77	mg/L			06/05/26 10:18	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		05/27/26 10:05	05/28/26 16:47	1
Calcium	2.1		0.10	0.038	mg/L		05/27/26 10:05	05/28/26 16:47	1
Lithium	<0.0037		0.020	0.0037	mg/L		05/27/26 10:05	05/28/26 16:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		05/26/26 12:00	05/27/26 19:33	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		05/26/26 12:00	05/27/26 19:33	1
Barium	0.026		0.010	0.00041	mg/L		05/26/26 12:00	05/28/26 18:24	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		05/26/26 12:00	05/27/26 19:33	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		05/26/26 12:00	05/27/26 19:33	1
Chromium	<0.0037		0.0050	0.0037	mg/L		05/26/26 12:00	05/27/26 19:33	1
Cobalt	0.025		0.0050	0.00041	mg/L		05/26/26 12:00	05/27/26 19:33	1
Lead	<0.00086		0.0010	0.00086	mg/L		05/26/26 12:00	05/27/26 19:33	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		05/26/26 12:00	05/27/26 19:33	1
Selenium	<0.0023		0.0050	0.0023	mg/L		05/26/26 12:00	05/27/26 19:33	1
Thallium	0.00029	J	0.0010	0.00019	mg/L		05/26/26 12:00	05/27/26 19:33	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		05/28/26 16:55	05/29/26 10:18	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C - 2015)	31		10	10	mg/L			05/27/26 18:00	1

Client Sample ID: WAN-WGWC-36D

Lab Sample ID: 705-67793-9

Date Collected: 05/21/26 13:27
Date Received: 05/22/26 17:43

Matrix: Water

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2.5		1.0	0.98	mg/L			05/30/26 14:50	1
Fluoride	0.14	J	0.20	0.081	mg/L			05/30/26 14:50	1
Sulfate	1.0		1.0	0.77	mg/L			05/30/26 14:50	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		05/27/26 10:05	05/28/26 16:51	1
Calcium	8.1		0.10	0.038	mg/L		05/27/26 10:05	05/28/26 16:51	1
Lithium	<0.0037		0.020	0.0037	mg/L		05/27/26 10:05	05/28/26 16:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		05/26/26 12:00	05/27/26 19:43	1

Client Sample ID: WAN-WGWC-36D

Lab Sample ID: 705-67793-9

Date Collected: 05/21/26 13:27

Matrix: Water

Date Received: 05/22/26 17:43

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.0013		0.0050	0.0013	mg/L		05/26/26 12:00	05/27/26 19:43	1
Barium	**0.027**		0.010	0.00041	mg/L		05/26/26 12:00	05/28/26 18:26	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		05/26/26 12:00	05/27/26 19:43	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		05/26/26 12:00	05/27/26 19:43	1
Chromium	<0.0037		0.0050	0.0037	mg/L		05/26/26 12:00	05/27/26 19:43	1
Cobalt	**0.0073**		0.0050	0.00041	mg/L		05/26/26 12:00	05/27/26 19:43	1
Lead	<0.00086		0.0010	0.00086	mg/L		05/26/26 12:00	05/27/26 19:43	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		05/26/26 12:00	05/27/26 19:43	1
Selenium	<0.0023		0.0050	0.0023	mg/L		05/26/26 12:00	05/27/26 19:43	1
Thallium	<0.00019		0.0010	0.00019	mg/L		05/26/26 12:00	05/27/26 19:43	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		05/28/26 16:55	05/29/26 10:22	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C - 2015)	**74**		10	10	mg/L			05/27/26 18:00	1

Client Sample ID: WAN-WGWC-31D

Lab Sample ID: 705-67793-10

Date Collected: 05/21/26 10:23

Matrix: Water

Date Received: 05/22/26 17:43

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**14**		1.0	0.98	mg/L			05/30/26 15:02	1
Fluoride	**3.1**		0.20	0.081	mg/L			05/30/26 15:02	1
Sulfate	**23**		1.0	0.77	mg/L			05/30/26 15:02	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		05/27/26 10:05	05/28/26 16:54	1
Calcium	**26**		0.10	0.038	mg/L		05/27/26 10:05	05/28/26 16:54	1
Lithium	**0.049**		0.020	0.0037	mg/L		05/27/26 10:05	05/28/26 16:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		05/26/26 12:00	05/27/26 19:46	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		05/26/26 12:00	05/27/26 19:46	1
Barium	**0.0039**	**J B**	0.010	0.00041	mg/L		05/26/26 12:00	05/27/26 19:46	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		05/26/26 12:00	05/27/26 19:46	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		05/26/26 12:00	05/27/26 19:46	1
Chromium	<0.0037		0.0050	0.0037	mg/L		05/26/26 12:00	05/27/26 19:46	1
Cobalt	**0.00047**	**J**	0.0050	0.00041	mg/L		05/26/26 12:00	05/27/26 19:46	1
Lead	<0.00086		0.0010	0.00086	mg/L		05/26/26 12:00	05/27/26 19:46	1
Molybdenum	**0.022**		0.0050	0.00069	mg/L		05/26/26 12:00	05/27/26 19:46	1
Selenium	<0.0023		0.0050	0.0023	mg/L		05/26/26 12:00	05/27/26 19:46	1
Thallium	<0.00019		0.0010	0.00019	mg/L		05/26/26 12:00	05/27/26 19:46	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-67465-1

Client Sample ID: WAN-WGWC-31D

Lab Sample ID: 705-67793-10
Matrix: Water

Date Collected: 05/21/26 10:23
Date Received: 05/22/26 17:43

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		05/28/26 16:55	05/29/26 10:26	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C - 2015)	190		10	10	mg/L			05/27/26 18:00	1

Client Sample ID: WAN-WGWC-39

Lab Sample ID: 705-67793-11
Matrix: Water

Date Collected: 05/22/26 09:59
Date Received: 05/22/26 17:43

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.6		1.0	0.98	mg/L			05/30/26 15:13	1
Fluoride	0.15	J	0.20	0.081	mg/L			05/30/26 15:13	1
Sulfate	<0.77		1.0	0.77	mg/L			05/30/26 15:13	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		05/27/26 10:05	05/28/26 16:57	1
Calcium	0.52		0.10	0.038	mg/L		05/27/26 10:05	05/28/26 16:57	1
Lithium	<0.0037		0.020	0.0037	mg/L		05/27/26 10:05	05/28/26 16:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		05/26/26 12:00	05/27/26 19:49	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		05/26/26 12:00	05/27/26 19:49	1
Barium	0.051		0.010	0.00041	mg/L		05/26/26 12:00	05/28/26 18:29	1
Beryllium	0.00029	J	0.0010	0.00015	mg/L		05/26/26 12:00	05/27/26 19:49	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		05/26/26 12:00	05/27/26 19:49	1
Chromium	<0.0037		0.0050	0.0037	mg/L		05/26/26 12:00	05/27/26 19:49	1
Cobalt	0.0078		0.0050	0.00041	mg/L		05/26/26 12:00	05/27/26 19:49	1
Lead	0.0010		0.0010	0.00086	mg/L		05/26/26 12:00	05/27/26 19:49	1
Molybdenum	0.0013	J	0.0050	0.00069	mg/L		05/26/26 12:00	05/27/26 19:49	1
Selenium	<0.0023		0.0050	0.0023	mg/L		05/26/26 12:00	05/27/26 19:49	1
Thallium	<0.00019		0.0010	0.00019	mg/L		05/26/26 12:00	05/27/26 19:49	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		05/28/26 16:55	05/29/26 10:30	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C - 2015)	38		10	10	mg/L			05/27/26 18:00	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-67465-1

Client Sample ID: WAN-WGWC-35D

Lab Sample ID: 705-67793-12

Date Collected: 05/22/26 10:36
Date Received: 05/22/26 17:43

Matrix: Water

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**8.2**		1.0	0.98	mg/L			06/05/26 11:04	1
Fluoride	**0.19**	**J**	0.20	0.081	mg/L			06/05/26 11:04	1
Sulfate	**1.9**		1.0	0.77	mg/L			06/05/26 11:04	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		05/27/26 10:05	05/28/26 17:00	1
Calcium	**37**		0.10	0.038	mg/L		05/27/26 10:05	05/28/26 17:00	1
Lithium	<0.0037		0.020	0.0037	mg/L		05/27/26 10:05	05/28/26 17:00	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		05/26/26 12:00	05/27/26 19:51	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		05/26/26 12:00	05/27/26 19:51	1
Barium	**0.15**		0.010	0.00041	mg/L		05/26/26 12:00	05/28/26 18:32	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		05/26/26 12:00	05/27/26 19:51	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		05/26/26 12:00	05/27/26 19:51	1
Chromium	<0.0037		0.0050	0.0037	mg/L		05/26/26 12:00	05/27/26 19:51	1
Cobalt	**0.0027**	**J**	0.0050	0.00041	mg/L		05/26/26 12:00	05/27/26 19:51	1
Lead	<0.00086		0.0010	0.00086	mg/L		05/26/26 12:00	05/27/26 19:51	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		05/26/26 12:00	05/27/26 19:51	1
Selenium	<0.0023		0.0050	0.0023	mg/L		05/26/26 12:00	05/27/26 19:51	1
Thallium	<0.00019		0.0010	0.00019	mg/L		05/26/26 12:00	05/27/26 19:51	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		05/28/26 16:55	05/29/26 10:33	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C - 2015)	**170**		10	10	mg/L			05/27/26 18:00	1

Client Sample ID: WAN-AP1-FB-16

Lab Sample ID: 705-67793-13

Date Collected: 05/22/26 10:50
Date Received: 05/22/26 17:43

Matrix: Water

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.98		1.0	0.98	mg/L			05/30/26 15:25	1
Fluoride	**0.12**	**J**	0.20	0.081	mg/L			05/30/26 15:25	1
Sulfate	<0.77		1.0	0.77	mg/L			05/30/26 15:25	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		05/27/26 10:05	05/28/26 17:03	1
Calcium	<0.038		0.10	0.038	mg/L		05/27/26 10:05	05/28/26 17:03	1
Lithium	<0.0037		0.020	0.0037	mg/L		05/27/26 10:05	05/28/26 17:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		05/26/26 12:00	05/27/26 18:23	1

Client Sample ID: WAN-AP1-FB-16

Lab Sample ID: 705-67793-13

Date Collected: 05/22/26 10:50
Matrix: Water
Date Received: 05/22/26 17:43

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.0013		0.0050	0.0013	mg/L		05/26/26 12:00	05/27/26 18:23	1
Barium	**0.00043**	**J B**	0.010	0.00041	mg/L		05/26/26 12:00	05/27/26 18:23	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		05/26/26 12:00	05/27/26 18:23	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		05/26/26 12:00	05/27/26 18:23	1
Chromium	**0.025**	**F1**	0.0050	0.0037	mg/L		05/26/26 12:00	05/27/26 18:23	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		05/26/26 12:00	05/27/26 18:23	1
Lead	<0.00086		0.0010	0.00086	mg/L		05/26/26 12:00	05/27/26 18:23	1
Molybdenum	**0.0012**	**J**	0.0050	0.00069	mg/L		05/26/26 12:00	05/27/26 18:23	1
Selenium	<0.0023		0.0050	0.0023	mg/L		05/26/26 12:00	05/27/26 18:23	1
Thallium	**0.00027**	**J**	0.0010	0.00019	mg/L		05/26/26 12:00	05/27/26 18:23	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		05/28/26 16:55	05/29/26 10:37	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C - 2015)	<10		10	10	mg/L			05/27/26 18:00	1

Client Sample ID: WAN-WGWC-36S

Lab Sample ID: 705-67793-14

Date Collected: 05/22/26 13:44
Matrix: Water
Date Received: 05/22/26 17:43

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**11**		1.0	0.98	mg/L			05/30/26 15:36	1
Fluoride	**0.20**		0.20	0.081	mg/L			05/30/26 15:36	1
Sulfate	**10**		1.0	0.77	mg/L			05/30/26 15:36	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		05/27/26 10:05	05/28/26 17:06	1
Calcium	**22**		0.10	0.038	mg/L		05/27/26 10:05	05/28/26 17:06	1
Lithium	<0.0037		0.020	0.0037	mg/L		05/27/26 10:05	05/28/26 17:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		05/26/26 12:00	05/27/26 19:54	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		05/26/26 12:00	05/27/26 19:54	1
Barium	**0.071**		0.010	0.00041	mg/L		05/26/26 12:00	05/28/26 18:34	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		05/26/26 12:00	05/27/26 19:54	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		05/26/26 12:00	05/27/26 19:54	1
Chromium	<0.0037		0.0050	0.0037	mg/L		05/26/26 12:00	05/27/26 19:54	1
Cobalt	**0.028**		0.0050	0.00041	mg/L		05/26/26 12:00	05/27/26 19:54	1
Lead	<0.00086		0.0010	0.00086	mg/L		05/26/26 12:00	05/27/26 19:54	1
Molybdenum	**0.00083**	**J**	0.0050	0.00069	mg/L		05/26/26 12:00	05/27/26 19:54	1
Selenium	<0.0023		0.0050	0.0023	mg/L		05/26/26 12:00	05/27/26 19:54	1
Thallium	<0.00019		0.0010	0.00019	mg/L		05/26/26 12:00	05/27/26 19:54	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-67465-1

Client Sample ID: WAN-WGWC-36S

Lab Sample ID: 705-67793-14

Date Collected: 05/22/26 13:44
Date Received: 05/22/26 17:43

Matrix: Water

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		05/28/26 16:55	05/29/26 10:41	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C - 2015)	160		10	10	mg/L			05/27/26 18:00	1

Client Sample ID: WAN-WGWC-34D

Lab Sample ID: 705-67793-15

Date Collected: 05/22/26 13:53
Date Received: 05/22/26 17:43

Matrix: Water

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	130		20	20	mg/L			06/05/26 14:32	20
Fluoride	0.57		0.20	0.081	mg/L			06/05/26 11:16	1
Sulfate	410		20	15	mg/L			06/05/26 14:32	20

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	7.9		0.080	0.026	mg/L		05/27/26 10:05	05/28/26 17:09	1
Calcium	96		0.10	0.038	mg/L		05/27/26 10:05	05/28/26 17:09	1
Lithium	0.0070	J	0.020	0.0037	mg/L		05/27/26 10:05	05/28/26 17:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		05/26/26 12:00	05/27/26 19:57	1
Arsenic	0.0090		0.0050	0.0013	mg/L		05/26/26 12:00	05/27/26 19:57	1
Barium	0.035		0.010	0.00041	mg/L		05/26/26 12:00	05/28/26 19:04	1
Beryllium	0.0027		0.0010	0.00015	mg/L		05/26/26 12:00	05/27/26 19:57	1
Cadmium	0.0029		0.00070	0.00024	mg/L		05/26/26 12:00	05/27/26 19:57	1
Chromium	<0.0037		0.0050	0.0037	mg/L		05/26/26 12:00	05/27/26 19:57	1
Cobalt	0.15		0.0050	0.00041	mg/L		05/26/26 12:00	05/27/26 19:57	1
Lead	<0.00086		0.0010	0.00086	mg/L		05/26/26 12:00	05/27/26 19:57	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		05/26/26 12:00	05/27/26 19:57	1
Selenium	0.016		0.0050	0.0023	mg/L		05/26/26 12:00	05/27/26 19:57	1
Thallium	<0.00019		0.0010	0.00019	mg/L		05/26/26 12:00	05/27/26 19:57	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		05/28/26 16:55	05/29/26 10:45	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C - 2015)	910		10	10	mg/L			05/27/26 18:00	1

Method Summary

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-67465-1

Method	Method Description	Protocol	Laboratory
300.0	Anions, Ion Chromatography	EPA	EET ATL 2
6010D	Metals (ICP)	SW846	EET ATL
6020B	Metals (ICP/MS)	SW846	EET ATL
7470A	Mercury (CVAA)	SW846	EET ATL
2540C - 2015	Total Dissolved Solids (Dried at 180 °C)	SM	EET ATL
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET ATL
3010A	Preparation, Total Metals	SW846	EET ATL
7470A	Preparation, Mercury	SW846	EET ATL

Protocol References:

EPA = US Environmental Protection Agency

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

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

Laboratory References:

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

EET ATL 2 = Eurofins Atlanta Building A, 3080 Presidential Pkwy, Atlanta, GA 30340, TEL (770)457-8177

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 705-138861/59
Matrix: Water
Analysis Batch: 138861

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.98		1.0	0.98	mg/L			05/29/26 16:53	1
Fluoride	<0.081		0.20	0.081	mg/L			05/29/26 16:53	1
Sulfate	<0.77		1.0	0.77	mg/L			05/29/26 16:53	1

Lab Sample ID: LCS 705-138861/60
Matrix: Water
Analysis Batch: 138861

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	9.95		mg/L		100	90 - 110
Fluoride	5.00	5.31		mg/L		106	90 - 110
Sulfate	25.0	24.3		mg/L		97	90 - 110

Lab Sample ID: 705-68144-C-13 MS
Matrix: Water
Analysis Batch: 138861

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	2.6		10.0	12.6		mg/L		100	90 - 110
Fluoride	0.16	J	5.00	5.39		mg/L		105	90 - 110
Sulfate	1.4		25.0	25.5		mg/L		96	90 - 110

Lab Sample ID: 705-68144-C-13 MSD
Matrix: Water
Analysis Batch: 138861

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

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	2.6		10.0	12.5		mg/L		98	90 - 110	1	20
Fluoride	0.16	J	5.00	5.30		mg/L		103	90 - 110	2	20
Sulfate	1.4		25.0	25.2		mg/L		95	90 - 110	1	20

Lab Sample ID: MB 705-139040/3
Matrix: Water
Analysis Batch: 139040

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.98		1.0	0.98	mg/L			05/30/26 08:29	1
Fluoride	<0.081		0.20	0.081	mg/L			05/30/26 08:29	1
Sulfate	<0.77		1.0	0.77	mg/L			05/30/26 08:29	1

Lab Sample ID: LCS 705-139040/4
Matrix: Water
Analysis Batch: 139040

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	9.79		mg/L		98	90 - 110
Fluoride	5.00	5.23		mg/L		105	90 - 110
Sulfate	25.0	23.8		mg/L		95	90 - 110

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 705-68192-A-1 MS — **Client Sample ID: Matrix Spike**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 139040

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	<0.98		10.0	10.3		mg/L		103	90 - 110
Fluoride	0.16	J	5.00	5.40		mg/L		105	90 - 110
Sulfate	<0.77		25.0	24.6		mg/L		98	90 - 110

Lab Sample ID: 705-68192-A-1 MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 139040

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	<0.98		10.0	10.2		mg/L		102	90 - 110	1	20
Fluoride	0.16	J	5.00	5.35		mg/L		104	90 - 110	1	20
Sulfate	<0.77		25.0	24.4		mg/L		98	90 - 110	1	20

Lab Sample ID: MB 705-139745/99 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 139745

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.98		1.0	0.98	mg/L			06/03/26 08:01	1
Fluoride	<0.081		0.20	0.081	mg/L			06/03/26 08:01	1
Sulfate	<0.77		1.0	0.77	mg/L			06/03/26 08:01	1

Lab Sample ID: LCS 705-139745/100 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 139745

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	9.89		mg/L		99	90 - 110
Fluoride	5.00	5.27		mg/L		105	90 - 110
Sulfate	25.0	24.1		mg/L		96	90 - 110

Lab Sample ID: 705-67793-6 MS — **Client Sample ID: WAN-AP1-FD-10**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 139745

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	1.4	F1	10.0	10.2	F1	mg/L		88	90 - 110
Fluoride	0.13	J	5.00	4.91		mg/L		96	90 - 110
Sulfate	<0.77	F1	25.0	22.3	F1	mg/L		89	90 - 110

Lab Sample ID: 705-67793-6 MSD — **Client Sample ID: WAN-AP1-FD-10**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 139745

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	1.4	F1	10.0	10.0	F1	mg/L		87	90 - 110	1	20
Fluoride	0.13	J	5.00	4.78		mg/L		93	90 - 110	3	20
Sulfate	<0.77	F1	25.0	21.9	F1	mg/L		88	90 - 110	2	20

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: MB 705-140023/106 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 140023

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.98		1.0	0.98	mg/L			06/04/26 11:35	1
Fluoride	<0.081		0.20	0.081	mg/L			06/04/26 11:35	1
Sulfate	<0.77		1.0	0.77	mg/L			06/04/26 11:35	1

Lab Sample ID: LCS 705-140023/107 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 140023

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	9.92		mg/L		99	90 - 110
Fluoride	5.00	5.29		mg/L		106	90 - 110
Sulfate	25.0	24.2		mg/L		97	90 - 110

Lab Sample ID: 705-68364-C-51 MS — **Client Sample ID: Matrix Spike**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 140023

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	2.4		10.0	11.7		mg/L		92	90 - 110
Fluoride	0.18	J	5.00	5.04		mg/L		97	90 - 110
Sulfate	1.5		25.0	25.2		mg/L		95	90 - 110

Lab Sample ID: 705-68364-C-51 MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 140023

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	2.4		10.0	11.5		mg/L		91	90 - 110	1	20
Fluoride	0.18	J	5.00	4.99		mg/L		96	90 - 110	1	20
Sulfate	1.5		25.0	24.7		mg/L		93	90 - 110	2	20

Lab Sample ID: MB 705-140341/137 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 140341

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.98		1.0	0.98	mg/L			06/05/26 08:34	1
Fluoride	<0.081		0.20	0.081	mg/L			06/05/26 08:34	1
Sulfate	<0.77		1.0	0.77	mg/L			06/05/26 08:34	1

Lab Sample ID: LCS 705-140341/138 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 140341

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	9.96		mg/L		100	90 - 110
Fluoride	5.00	5.31		mg/L		106	90 - 110
Sulfate	25.0	24.3		mg/L		97	90 - 110

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 705-68929-B-1 MS — **Client Sample ID: Matrix Spike**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 140341

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	19	F1	10.0	26.9	F1	mg/L		76	90 - 110
Fluoride	0.15	J	5.00	5.02		mg/L		97	90 - 110
Sulfate	<0.77		25.0	24.4		mg/L		97	90 - 110

Lab Sample ID: 705-68929-B-1 MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 140341

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	19	F1	10.0	26.7	F1	mg/L		74	90 - 110	1	20
Fluoride	0.15	J	5.00	4.95		mg/L		96	90 - 110	1	20
Sulfate	<0.77		25.0	23.7		mg/L		95	90 - 110	3	20

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 705-137089/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 137737 — **Prep Batch: 137089**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		05/21/26 10:45	05/22/26 13:30	1
Calcium	<0.038		0.10	0.038	mg/L		05/21/26 10:45	05/22/26 13:30	1
Lithium	<0.0037		0.020	0.0037	mg/L		05/21/26 10:45	05/22/26 13:30	1

Lab Sample ID: LCS 705-137089/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 137737 — **Prep Batch: 137089**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	1.00	1.01		mg/L		101	80 - 120
Calcium	10.0	10.3		mg/L		103	80 - 120
Lithium	1.00	1.03		mg/L		103	80 - 120

Lab Sample ID: 705-67384-A-2-B MS — **Client Sample ID: Matrix Spike**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 137737 — **Prep Batch: 137089**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	<0.026		1.00	1.04		mg/L		104	75 - 125
Calcium	54		10.0	62.3	4	mg/L		86	75 - 125
Lithium	<0.0037		1.00	1.14		mg/L		114	75 - 125

Lab Sample ID: 705-67384-A-2-C MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 137737 — **Prep Batch: 137089**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Boron	<0.026		1.00	1.03		mg/L		103	75 - 125	1	20
Calcium	54		10.0	62.3	4	mg/L		86	75 - 125	0	20
Lithium	<0.0037		1.00	1.12		mg/L		112	75 - 125	2	20

QC Sample Results

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-67465-1

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 705-137999/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 138281 — **Prep Batch: 137999**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		05/26/26 14:55	05/27/26 12:12	1
Calcium	<0.038		0.10	0.038	mg/L		05/26/26 14:55	05/27/26 12:12	1
Lithium	<0.0037		0.020	0.0037	mg/L		05/26/26 14:55	05/27/26 12:12	1

Lab Sample ID: LCS 705-137999/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 138281 — **Prep Batch: 137999**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	1.00	1.00		mg/L		100	80 - 120
Calcium	10.0	9.41		mg/L		94	80 - 120
Lithium	1.00	0.909		mg/L		91	80 - 120

Lab Sample ID: 705-67789-A-21-B MS — **Client Sample ID: Matrix Spike**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 138281 — **Prep Batch: 137999**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	<0.026		1.00	0.994		mg/L		99	75 - 125
Calcium	0.075	J	10.0	9.61		mg/L		95	75 - 125
Lithium	<0.0037		1.00	0.903		mg/L		90	75 - 125

Lab Sample ID: 705-67789-A-21-C MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 138281 — **Prep Batch: 137999**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Boron	<0.026		1.00	0.973		mg/L		97	75 - 125	2	20
Calcium	0.075	J	10.0	9.42		mg/L		93	75 - 125	2	20
Lithium	<0.0037		1.00	0.882		mg/L		88	75 - 125	2	20

Lab Sample ID: MB 705-138121/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 138780 — **Prep Batch: 138121**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.026		0.080	0.026	mg/L		05/27/26 10:05	05/28/26 16:10	1
Calcium	<0.038		0.10	0.038	mg/L		05/27/26 10:05	05/28/26 16:10	1
Lithium	<0.0037		0.020	0.0037	mg/L		05/27/26 10:05	05/28/26 16:10	1

Lab Sample ID: LCS 705-138121/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 138780 — **Prep Batch: 138121**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	1.00	0.973		mg/L		97	80 - 120
Calcium	10.0	9.20		mg/L		92	80 - 120
Lithium	1.00	0.918		mg/L		92	80 - 120

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: 705-67789-A-46-B MS — **Client Sample ID: Matrix Spike**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 138780 — **Prep Batch: 138121**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	<0.026		1.00	0.975		mg/L		97	75 - 125
Calcium	0.073	J	10.0	9.63		mg/L		96	75 - 125
Lithium	<0.0037		1.00	0.935		mg/L		93	75 - 125

Lab Sample ID: 705-67789-A-46-C MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 138780 — **Prep Batch: 138121**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Boron	<0.026		1.00	0.976		mg/L		98	75 - 125	0	20
Calcium	0.073	J	10.0	9.77		mg/L		97	75 - 125	1	20
Lithium	<0.0037		1.00	0.953		mg/L		95	75 - 125	2	20

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 705-137048/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 137639 — **Prep Batch: 137048**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		05/21/26 09:16	05/22/26 20:53	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		05/21/26 09:16	05/22/26 20:53	1
Barium	<0.00041		0.010	0.00041	mg/L		05/21/26 09:16	05/22/26 20:53	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		05/21/26 09:16	05/22/26 20:53	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		05/21/26 09:16	05/22/26 20:53	1
Chromium	<0.0037		0.0050	0.0037	mg/L		05/21/26 09:16	05/22/26 20:53	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		05/21/26 09:16	05/22/26 20:53	1
Lead	<0.00086		0.0010	0.00086	mg/L		05/21/26 09:16	05/22/26 20:53	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		05/21/26 09:16	05/22/26 20:53	1
Selenium	<0.0023		0.0050	0.0023	mg/L		05/21/26 09:16	05/22/26 20:53	1
Thallium	<0.00019		0.0010	0.00019	mg/L		05/21/26 09:16	05/22/26 20:53	1

Lab Sample ID: LCS 705-137048/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 137639 — **Prep Batch: 137048**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.100	0.0937		mg/L		94	80 - 120
Arsenic	0.100	0.0981		mg/L		98	80 - 120
Barium	0.100	0.0901		mg/L		90	80 - 120
Beryllium	0.100	0.0941		mg/L		94	80 - 120
Cadmium	0.100	0.0939		mg/L		94	80 - 120
Chromium	0.100	0.102		mg/L		102	80 - 120
Cobalt	0.100	0.0984		mg/L		98	80 - 120
Lead	0.100	0.0972		mg/L		97	80 - 120
Molybdenum	0.100	0.100		mg/L		100	80 - 120
Selenium	0.100	0.0922		mg/L		92	80 - 120
Thallium	0.100	0.100		mg/L		100	80 - 120

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

Lab Sample ID: 180-205454-C-1-B MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 137639 — **Prep Batch: 137048**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	<0.0025		0.100	0.0876		mg/L		88	75 - 125	3	20
Arsenic	<0.0013		0.100	0.0917		mg/L		92	75 - 125	1	20
Barium	0.029		0.100	0.113		mg/L		83	75 - 125	3	20
Beryllium	<0.00015		0.100	0.0932		mg/L		93	75 - 125	1	20
Cadmium	<0.00024		0.100	0.0932		mg/L		93	75 - 125	2	20
Chromium	<0.0037		0.100	0.0976		mg/L		98	75 - 125	0	20
Cobalt	0.0011	J	0.100	0.0939		mg/L		93	75 - 125	1	20
Lead	<0.00086		0.100	0.0946		mg/L		95	75 - 125	1	20
Molybdenum	<0.00069		0.100	0.0947		mg/L		95	75 - 125	0	20
Selenium	<0.0023		0.100	0.0873		mg/L		87	75 - 125	8	20
Thallium	<0.00019		0.100	0.0976		mg/L		98	75 - 125	1	20

Lab Sample ID: 180-205454-F-1-A MS — **Client Sample ID: Matrix Spike**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 137639 — **Prep Batch: 137048**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<0.0025		0.100	0.0901		mg/L		90	75 - 125
Arsenic	<0.0013		0.100	0.0922		mg/L		92	75 - 125
Barium	0.029		0.100	0.116		mg/L		87	75 - 125
Beryllium	<0.00015		0.100	0.0926		mg/L		93	75 - 125
Cadmium	<0.00024		0.100	0.0916		mg/L		92	75 - 125
Chromium	<0.0037		0.100	0.0975		mg/L		97	75 - 125
Cobalt	0.0011	J	0.100	0.0952		mg/L		94	75 - 125
Lead	<0.00086		0.100	0.0933		mg/L		93	75 - 125
Molybdenum	<0.00069		0.100	0.0952		mg/L		95	75 - 125
Selenium	<0.0023		0.100	0.0947		mg/L		95	75 - 125
Thallium	<0.00019		0.100	0.0964		mg/L		96	75 - 125

Lab Sample ID: MB 705-137111/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 137641 — **Prep Batch: 137111**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		05/21/26 11:45	05/23/26 01:15	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		05/21/26 11:45	05/23/26 01:15	1
Barium	<0.00041		0.010	0.00041	mg/L		05/21/26 11:45	05/23/26 01:15	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		05/21/26 11:45	05/23/26 01:15	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		05/21/26 11:45	05/23/26 01:15	1
Chromium	<0.0037		0.0050	0.0037	mg/L		05/21/26 11:45	05/23/26 01:15	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		05/21/26 11:45	05/23/26 01:15	1
Lead	<0.00086		0.0010	0.00086	mg/L		05/21/26 11:45	05/23/26 01:15	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		05/21/26 11:45	05/23/26 01:15	1
Selenium	<0.0023		0.0050	0.0023	mg/L		05/21/26 11:45	05/23/26 01:15	1
Thallium	<0.00019		0.0010	0.00019	mg/L		05/21/26 11:45	05/23/26 01:15	1

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

Lab Sample ID: LCS 705-137111/2-A
Matrix: Water
Analysis Batch: 137641

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 137111

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.100	0.0917		mg/L		92	80 - 120
Arsenic	0.100	0.0973		mg/L		97	80 - 120
Barium	0.100	0.0890		mg/L		89	80 - 120
Beryllium	0.100	0.0952		mg/L		95	80 - 120
Cadmium	0.100	0.0932		mg/L		93	80 - 120
Chromium	0.100	0.0976		mg/L		98	80 - 120
Cobalt	0.100	0.0952		mg/L		95	80 - 120
Lead	0.100	0.0941		mg/L		94	80 - 120
Molybdenum	0.100	0.0966		mg/L		97	80 - 120
Selenium	0.100	0.0932		mg/L		93	80 - 120
Thallium	0.100	0.0977		mg/L		98	80 - 120

Lab Sample ID: 180-205369-S-5-C MS
Matrix: Water
Analysis Batch: 137641

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 137111

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<0.0025		0.100	0.0897		mg/L		90	75 - 125
Arsenic	<0.0013		0.100	0.0886		mg/L		89	75 - 125
Barium	0.033		0.100	0.118		mg/L		86	75 - 125
Beryllium	<0.00015		0.100	0.0872		mg/L		87	75 - 125
Cadmium	<0.00024		0.100	0.0942		mg/L		94	75 - 125
Chromium	<0.0037		0.100	0.0943		mg/L		94	75 - 125
Cobalt	<0.00041		0.100	0.0912		mg/L		91	75 - 125
Lead	<0.00086		0.100	0.0939		mg/L		94	75 - 125
Molybdenum	<0.00069		0.100	0.0947		mg/L		95	75 - 125
Selenium	<0.0023		0.100	0.0909		mg/L		91	75 - 125
Thallium	<0.00019		0.100	0.0974		mg/L		97	75 - 125

Lab Sample ID: 180-205369-S-5-D MSD
Matrix: Water
Analysis Batch: 137641

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 137111

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	<0.0025		0.100	0.0882		mg/L		88	75 - 125	2	20
Arsenic	<0.0013		0.100	0.0897		mg/L		90	75 - 125	1	20
Barium	0.033		0.100	0.118		mg/L		86	75 - 125	0	20
Beryllium	<0.00015		0.100	0.0864		mg/L		86	75 - 125	1	20
Cadmium	<0.00024		0.100	0.0947		mg/L		95	75 - 125	1	20
Chromium	<0.0037		0.100	0.0959		mg/L		96	75 - 125	2	20
Cobalt	<0.00041		0.100	0.0942		mg/L		94	75 - 125	3	20
Lead	<0.00086		0.100	0.0927		mg/L		93	75 - 125	1	20
Molybdenum	<0.00069		0.100	0.0953		mg/L		95	75 - 125	1	20
Selenium	<0.0023		0.100	0.0932		mg/L		93	75 - 125	2	20
Thallium	<0.00019		0.100	0.0959		mg/L		96	75 - 125	2	20

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

Lab Sample ID: MB 705-137861/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 138529 — **Prep Batch: 137861**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		05/26/26 10:10	05/28/26 02:32	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		05/26/26 10:10	05/28/26 02:32	1
Barium	<0.00041		0.010	0.00041	mg/L		05/26/26 10:10	05/28/26 02:32	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		05/26/26 10:10	05/28/26 02:32	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		05/26/26 10:10	05/28/26 02:32	1
Cobalt	0.000864	J	0.0050	0.00041	mg/L		05/26/26 10:10	05/28/26 02:32	1
Lead	<0.00086		0.0010	0.00086	mg/L		05/26/26 10:10	05/28/26 02:32	1
Molybdenum	0.000999	J	0.0050	0.00069	mg/L		05/26/26 10:10	05/28/26 02:32	1
Selenium	<0.0023		0.0050	0.0023	mg/L		05/26/26 10:10	05/28/26 02:32	1
Thallium	<0.00019		0.0010	0.00019	mg/L		05/26/26 10:10	05/28/26 02:32	1

Lab Sample ID: MB 705-137861/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 138843 — **Prep Batch: 137861**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	<0.0037		0.0050	0.0037	mg/L		05/26/26 10:10	05/28/26 15:35	1

Lab Sample ID: LCS 705-137861/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 138529 — **Prep Batch: 137861**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.100	0.0954		mg/L		95	80 - 120
Arsenic	0.100	0.0914		mg/L		91	80 - 120
Barium	0.100	0.0958		mg/L		96	80 - 120
Beryllium	0.100	0.0942		mg/L		94	80 - 120
Cadmium	0.100	0.0946		mg/L		95	80 - 120
Chromium	0.100	0.0883	^+	mg/L		88	80 - 120
Cobalt	0.100	0.0896		mg/L		90	80 - 120
Lead	0.100	0.0937		mg/L		94	80 - 120
Molybdenum	0.100	0.0943		mg/L		94	80 - 120
Selenium	0.100	0.0964		mg/L		96	80 - 120
Thallium	0.100	0.0955		mg/L		95	80 - 120

Lab Sample ID: 705-67793-1 MS — **Client Sample ID: WAN-WGWC-8A**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 138529 — **Prep Batch: 137861**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<0.0025		0.100	0.0942		mg/L		94	75 - 125
Arsenic	0.0018	J	0.100	0.0914		mg/L		90	75 - 125
Barium	0.0089	J	0.100	0.106		mg/L		97	75 - 125
Beryllium	0.0052		0.100	0.0995		mg/L		94	75 - 125
Cadmium	<0.00024		0.100	0.0960		mg/L		96	75 - 125
Chromium	0.028	B ^+ F1	0.100	0.0903	F1 ^+	mg/L		62	75 - 125
Cobalt	0.0035	J B	0.100	0.0917		mg/L		88	75 - 125
Lead	<0.00086		0.100	0.0927		mg/L		93	75 - 125
Molybdenum	0.0083	B	0.100	0.103		mg/L		95	75 - 125

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

Lab Sample ID: 705-67793-1 MS — **Client Sample ID: WAN-WGWC-8A**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 138529 — **Prep Batch: 137861**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Selenium	<0.0023		0.100	0.0962		mg/L		96	75 - 125
Thallium	0.00019	J	0.100	0.0904		mg/L		90	75 - 125

Lab Sample ID: 705-67793-1 MSD — **Client Sample ID: WAN-WGWC-8A**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 138529 — **Prep Batch: 137861**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	<0.0025		0.100	0.0957		mg/L		96	75 - 125	2	20
Arsenic	0.0018	J	0.100	0.101		mg/L		99	75 - 125	10	20
Barium	0.0089	J	0.100	0.106		mg/L		97	75 - 125	1	20
Beryllium	0.0052		0.100	0.0987		mg/L		93	75 - 125	1	20
Cadmium	<0.00024		0.100	0.0950		mg/L		95	75 - 125	1	20
Chromium	0.028	B ^+ F1	0.100	0.0952	F1 ^+	mg/L		67	75 - 125	5	20
Cobalt	0.0035	J B	0.100	0.0975		mg/L		94	75 - 125	6	20
Lead	<0.00086		0.100	0.0937		mg/L		94	75 - 125	1	20
Molybdenum	0.0083	B	0.100	0.104		mg/L		96	75 - 125	1	20
Selenium	<0.0023		0.100	0.0951		mg/L		95	75 - 125	1	20
Thallium	0.00019	J	0.100	0.0946		mg/L		95	75 - 125	5	20

Lab Sample ID: MB 705-137870/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 138525 — **Prep Batch: 137870**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0025		0.0050	0.0025	mg/L		05/26/26 12:00	05/27/26 16:44	1
Arsenic	<0.0013		0.0050	0.0013	mg/L		05/26/26 12:00	05/27/26 16:44	1
Barium	0.0120		0.010	0.00041	mg/L		05/26/26 12:00	05/27/26 16:44	1
Beryllium	<0.00015		0.0010	0.00015	mg/L		05/26/26 12:00	05/27/26 16:44	1
Cadmium	<0.00024		0.00070	0.00024	mg/L		05/26/26 12:00	05/27/26 16:44	1
Chromium	<0.0037		0.0050	0.0037	mg/L		05/26/26 12:00	05/27/26 16:44	1
Cobalt	<0.00041		0.0050	0.00041	mg/L		05/26/26 12:00	05/27/26 16:44	1
Lead	<0.00086		0.0010	0.00086	mg/L		05/26/26 12:00	05/27/26 16:44	1
Molybdenum	<0.00069		0.0050	0.00069	mg/L		05/26/26 12:00	05/27/26 16:44	1
Selenium	<0.0023		0.0050	0.0023	mg/L		05/26/26 12:00	05/27/26 16:44	1
Thallium	<0.00019		0.0010	0.00019	mg/L		05/26/26 12:00	05/27/26 16:44	1

Lab Sample ID: MB 705-137870/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 138843 — **Prep Batch: 137870**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	<0.00041		0.010	0.00041	mg/L		05/26/26 12:00	05/28/26 17:32	1

Lab Sample ID: LCS 705-137870/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 138525 — **Prep Batch: 137870**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.100	0.0900		mg/L		90	80 - 120

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

Lab Sample ID: LCS 705-137870/2-A
Matrix: Water
Analysis Batch: 138525

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 137870

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	0.100	0.0946		mg/L		95	80 - 120
Barium	0.100	0.0885		mg/L		88	80 - 120
Beryllium	0.100	0.0917		mg/L		92	80 - 120
Cadmium	0.100	0.0923		mg/L		92	80 - 120
Chromium	0.100	0.0896		mg/L		90	80 - 120
Cobalt	0.100	0.0933		mg/L		93	80 - 120
Lead	0.100	0.0887		mg/L		89	80 - 120
Molybdenum	0.100	0.0850		mg/L		85	80 - 120
Selenium	0.100	0.0971		mg/L		97	80 - 120
Thallium	0.100	0.0874		mg/L		87	80 - 120

Lab Sample ID: 705-67793-13 MS
Matrix: Water
Analysis Batch: 138525

Client Sample ID: WAN-AP1-FB-16
Prep Type: Total Recoverable
Prep Batch: 137870

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	<0.0025		0.100	0.0881		mg/L		88	75 - 125
Arsenic	<0.0013		0.100	0.0920		mg/L		92	75 - 125
Barium	0.00043	J B	0.100	0.0849		mg/L		85	75 - 125
Beryllium	<0.00015		0.100	0.0912		mg/L		91	75 - 125
Cadmium	<0.00024		0.100	0.0915		mg/L		92	75 - 125
Chromium	0.025	F1	0.100	0.0846	F1	mg/L		60	75 - 125
Cobalt	<0.00041		0.100	0.0853		mg/L		85	75 - 125
Lead	<0.00086		0.100	0.0876		mg/L		88	75 - 125
Molybdenum	0.0012	J	0.100	0.0856		mg/L		84	75 - 125
Selenium	<0.0023		0.100	0.0960		mg/L		96	75 - 125
Thallium	0.00027	J	0.100	0.0860		mg/L		86	75 - 125

Lab Sample ID: 705-67793-13 MSD
Matrix: Water
Analysis Batch: 138525

Client Sample ID: WAN-AP1-FB-16
Prep Type: Total Recoverable
Prep Batch: 137870

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	<0.0025		0.100	0.0910		mg/L		91	75 - 125	3	20
Arsenic	<0.0013		0.100	0.0927		mg/L		93	75 - 125	1	20
Barium	0.00043	J B	0.100	0.0951		mg/L		95	75 - 125	11	20
Beryllium	<0.00015		0.100	0.0953		mg/L		95	75 - 125	4	20
Cadmium	<0.00024		0.100	0.0937		mg/L		94	75 - 125	2	20
Chromium	0.025	F1	0.100	0.0898	F1	mg/L		65	75 - 125	6	20
Cobalt	<0.00041		0.100	0.0903		mg/L		90	75 - 125	6	20
Lead	<0.00086		0.100	0.0933		mg/L		93	75 - 125	6	20
Molybdenum	0.0012	J	0.100	0.0916		mg/L		90	75 - 125	7	20
Selenium	<0.0023		0.100	0.0995		mg/L		99	75 - 125	4	20
Thallium	0.00027	J	0.100	0.0943		mg/L		94	75 - 125	9	20

QC Sample Results

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-67465-1

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 705-138226/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 138959 — **Prep Batch: 138226**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		05/28/26 16:55	05/29/26 09:23	1

Lab Sample ID: LCS 705-138226/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 138959 — **Prep Batch: 138226**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00400	0.00404		mg/L		101	80 - 120

Lab Sample ID: 705-67792-G-2-C MS — **Client Sample ID: Matrix Spike**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 138959 — **Prep Batch: 138226**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	<0.00017		0.00400	0.00408		mg/L		102	75 - 125

Lab Sample ID: 705-67792-G-2-D MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 138959 — **Prep Batch: 138226**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.00017		0.00400	0.00404		mg/L		101	75 - 125	1	20

Lab Sample ID: MB 705-138229/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 138959 — **Prep Batch: 138229**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00017		0.00020	0.00017	mg/L		05/27/26 12:02	05/29/26 11:12	1

Lab Sample ID: LCS 705-138229/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 138959 — **Prep Batch: 138229**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00400	0.00398		mg/L		100	80 - 120

Lab Sample ID: 180-205453-D-4-B MS — **Client Sample ID: Matrix Spike**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 138959 — **Prep Batch: 138229**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	<0.00017		0.00400	0.00446		mg/L		111	75 - 125

Lab Sample ID: 180-205453-D-4-C MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 138959 — **Prep Batch: 138229**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.00017		0.00400	0.00386		mg/L		96	75 - 125	14	20

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

Lab Sample ID: MB 705-137564/1 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 137564

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			05/22/26 16:13	1

Lab Sample ID: LCS 705-137564/2 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 137564

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	969	1000		mg/L		104	80 - 120

Lab Sample ID: 705-67598-B-1 DU — **Client Sample ID: Duplicate**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 137564

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	3600		3610		mg/L		1	10

Lab Sample ID: MB 705-138029/1 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 138029

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			05/26/26 16:00	1

Lab Sample ID: LCS 705-138029/2 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 138029

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	969	1040		mg/L		107	80 - 120

Lab Sample ID: 705-67705-B-1 DU — **Client Sample ID: Duplicate**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 138029

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	2000		1960		mg/L		0.4	10

Lab Sample ID: MB 705-138401/1 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 138401

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<10		10	10	mg/L			05/27/26 18:00	1

Lab Sample ID: LCS 705-138401/2 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 138401

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	969	1020		mg/L		106	80 - 120

QC Sample Results

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-67465-1

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

Lab Sample ID: 705-67885-D-1 DU
Matrix: Water
Analysis Batch: 138401

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	880			884		mg/L				0.5	10

QC Association Summary

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-67465-1

HPLC/IC

Analysis Batch: 138861

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-67465-1	WAN-WGWC-33	Total/NA	Water	300.0	
705-67465-2	WAN-WGWC-37S	Total/NA	Water	300.0	
705-67465-3	WAN-WGWC-38D	Total/NA	Water	300.0	
705-67465-4	WAN-AP1-FB-15	Total/NA	Water	300.0	
705-67465-5	WAN-WGWC-40	Total/NA	Water	300.0	
705-67465-6	WAN-WGWC-31S	Total/NA	Water	300.0	
705-67465-7	WAN-AP1-EB-09	Total/NA	Water	300.0	
705-67465-8	WAN-WGWC-32	Total/NA	Water	300.0	
705-67465-9	WAN-AP1-FD-09	Total/NA	Water	300.0	
MB 705-138861/59	Method Blank	Total/NA	Water	300.0	
LCS 705-138861/60	Lab Control Sample	Total/NA	Water	300.0	
705-68144-C-13 MS	Matrix Spike	Total/NA	Water	300.0	
705-68144-C-13 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0	

Analysis Batch: 139040

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-67465-1	WAN-WGWC-33	Total/NA	Water	300.0	
705-67465-2	WAN-WGWC-37S	Total/NA	Water	300.0	
705-67465-3	WAN-WGWC-38D	Total/NA	Water	300.0	
705-67465-3	WAN-WGWC-38D	Total/NA	Water	300.0	
705-67793-5	WAN-AP1-EB-10	Total/NA	Water	300.0	
705-67793-7	WAN-WGWC-30	Total/NA	Water	300.0	
705-67793-9	WAN-WGWC-36D	Total/NA	Water	300.0	
705-67793-10	WAN-WGWC-31D	Total/NA	Water	300.0	
705-67793-11	WAN-WGWC-39	Total/NA	Water	300.0	
705-67793-13	WAN-AP1-FB-16	Total/NA	Water	300.0	
705-67793-14	WAN-WGWC-36S	Total/NA	Water	300.0	
MB 705-139040/3	Method Blank	Total/NA	Water	300.0	
LCS 705-139040/4	Lab Control Sample	Total/NA	Water	300.0	
705-68192-A-1 MS	Matrix Spike	Total/NA	Water	300.0	
705-68192-A-1 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0	

Analysis Batch: 139745

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-67793-6	WAN-AP1-FD-10	Total/NA	Water	300.0	
MB 705-139745/99	Method Blank	Total/NA	Water	300.0	
LCS 705-139745/100	Lab Control Sample	Total/NA	Water	300.0	
705-67793-6 MS	WAN-AP1-FD-10	Total/NA	Water	300.0	
705-67793-6 MSD	WAN-AP1-FD-10	Total/NA	Water	300.0	

Analysis Batch: 140023

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-67793-1	WAN-WGWC-8A	Total/NA	Water	300.0	
705-67793-1	WAN-WGWC-8A	Total/NA	Water	300.0	
705-67793-2	WAN-WGWC-35S	Total/NA	Water	300.0	
MB 705-140023/106	Method Blank	Total/NA	Water	300.0	
LCS 705-140023/107	Lab Control Sample	Total/NA	Water	300.0	
705-68364-C-51 MS	Matrix Spike	Total/NA	Water	300.0	
705-68364-C-51 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0	

QC Association Summary

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-67465-1

HPLC/IC

Analysis Batch: 140341

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-67793-3	WAN-WGWC-37D	Total/NA	Water	300.0	
705-67793-4	WAN-WGWC-38S	Total/NA	Water	300.0	
705-67793-8	WAN-WGWC-34S	Total/NA	Water	300.0	
705-67793-12	WAN-WGWC-35D	Total/NA	Water	300.0	
705-67793-15	WAN-WGWC-34D	Total/NA	Water	300.0	
705-67793-15	WAN-WGWC-34D	Total/NA	Water	300.0	
MB 705-140341/137	Method Blank	Total/NA	Water	300.0	
LCS 705-140341/138	Lab Control Sample	Total/NA	Water	300.0	
705-68929-B-1 MS	Matrix Spike	Total/NA	Water	300.0	
705-68929-B-1 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0	

Metals

Prep Batch: 137048

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-67465-4	WAN-AP1-FB-15	Total Recoverable	Water	3005A	
705-67465-5	WAN-WGWC-40	Total Recoverable	Water	3005A	
705-67465-6	WAN-WGWC-31S	Total Recoverable	Water	3005A	
705-67465-7	WAN-AP1-EB-09	Total Recoverable	Water	3005A	
705-67465-8	WAN-WGWC-32	Total Recoverable	Water	3005A	
705-67465-9	WAN-AP1-FD-09	Total Recoverable	Water	3005A	
MB 705-137048/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 705-137048/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
180-205454-C-1-B MSD	Matrix Spike Duplicate	Total Recoverable	Water	3005A	
180-205454-F-1-A MS	Matrix Spike	Total Recoverable	Water	3005A	

Prep Batch: 137089

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-67465-1	WAN-WGWC-33	Total/NA	Water	3010A	
705-67465-2	WAN-WGWC-37S	Total/NA	Water	3010A	
705-67465-3	WAN-WGWC-38D	Total/NA	Water	3010A	
705-67465-4	WAN-AP1-FB-15	Total/NA	Water	3010A	
705-67465-5	WAN-WGWC-40	Total/NA	Water	3010A	
705-67465-6	WAN-WGWC-31S	Total/NA	Water	3010A	
705-67465-7	WAN-AP1-EB-09	Total/NA	Water	3010A	
705-67465-8	WAN-WGWC-32	Total/NA	Water	3010A	
705-67465-9	WAN-AP1-FD-09	Total/NA	Water	3010A	
MB 705-137089/1-A	Method Blank	Total/NA	Water	3010A	
LCS 705-137089/2-A	Lab Control Sample	Total/NA	Water	3010A	
705-67384-A-2-B MS	Matrix Spike	Total/NA	Water	3010A	
705-67384-A-2-C MSD	Matrix Spike Duplicate	Total/NA	Water	3010A	

Prep Batch: 137111

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-67465-1	WAN-WGWC-33	Total Recoverable	Water	3005A	
705-67465-2	WAN-WGWC-37S	Total Recoverable	Water	3005A	
705-67465-3	WAN-WGWC-38D	Total Recoverable	Water	3005A	
MB 705-137111/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 705-137111/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
180-205369-S-5-C MS	Matrix Spike	Total Recoverable	Water	3005A	
180-205369-S-5-D MSD	Matrix Spike Duplicate	Total Recoverable	Water	3005A	

QC Association Summary

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-67465-1

Metals

Analysis Batch: 137639

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-67465-4	WAN-AP1-FB-15	Total Recoverable	Water	6020B	137048
705-67465-5	WAN-WGWC-40	Total Recoverable	Water	6020B	137048
705-67465-6	WAN-WGWC-31S	Total Recoverable	Water	6020B	137048
705-67465-7	WAN-AP1-EB-09	Total Recoverable	Water	6020B	137048
705-67465-8	WAN-WGWC-32	Total Recoverable	Water	6020B	137048
705-67465-9	WAN-AP1-FD-09	Total Recoverable	Water	6020B	137048
MB 705-137048/1-A	Method Blank	Total Recoverable	Water	6020B	137048
LCS 705-137048/2-A	Lab Control Sample	Total Recoverable	Water	6020B	137048
180-205454-C-1-B MSD	Matrix Spike Duplicate	Total Recoverable	Water	6020B	137048
180-205454-F-1-A MS	Matrix Spike	Total Recoverable	Water	6020B	137048

Analysis Batch: 137641

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-67465-1	WAN-WGWC-33	Total Recoverable	Water	6020B	137111
705-67465-2	WAN-WGWC-37S	Total Recoverable	Water	6020B	137111
705-67465-3	WAN-WGWC-38D	Total Recoverable	Water	6020B	137111
MB 705-137111/1-A	Method Blank	Total Recoverable	Water	6020B	137111
LCS 705-137111/2-A	Lab Control Sample	Total Recoverable	Water	6020B	137111
180-205369-S-5-C MS	Matrix Spike	Total Recoverable	Water	6020B	137111
180-205369-S-5-D MSD	Matrix Spike Duplicate	Total Recoverable	Water	6020B	137111

Analysis Batch: 137673

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-67465-3	WAN-WGWC-38D	Total Recoverable	Water	6020B	137111

Analysis Batch: 137737

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-67465-1	WAN-WGWC-33	Total/NA	Water	6010D	137089
705-67465-2	WAN-WGWC-37S	Total/NA	Water	6010D	137089
705-67465-3	WAN-WGWC-38D	Total/NA	Water	6010D	137089
705-67465-4	WAN-AP1-FB-15	Total/NA	Water	6010D	137089
705-67465-5	WAN-WGWC-40	Total/NA	Water	6010D	137089
705-67465-6	WAN-WGWC-31S	Total/NA	Water	6010D	137089
705-67465-7	WAN-AP1-EB-09	Total/NA	Water	6010D	137089
705-67465-8	WAN-WGWC-32	Total/NA	Water	6010D	137089
705-67465-9	WAN-AP1-FD-09	Total/NA	Water	6010D	137089
MB 705-137089/1-A	Method Blank	Total/NA	Water	6010D	137089
LCS 705-137089/2-A	Lab Control Sample	Total/NA	Water	6010D	137089
705-67384-A-2-B MS	Matrix Spike	Total/NA	Water	6010D	137089
705-67384-A-2-C MSD	Matrix Spike Duplicate	Total/NA	Water	6010D	137089

Prep Batch: 137861

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-67793-1	WAN-WGWC-8A	Total Recoverable	Water	3005A	
705-67793-2	WAN-WGWC-35S	Total Recoverable	Water	3005A	
705-67793-3	WAN-WGWC-37D	Total Recoverable	Water	3005A	
705-67793-4	WAN-WGWC-38S	Total Recoverable	Water	3005A	
705-67793-5	WAN-AP1-EB-10	Total Recoverable	Water	3005A	
705-67793-6	WAN-AP1-FD-10	Total Recoverable	Water	3005A	
705-67793-7	WAN-WGWC-30	Total Recoverable	Water	3005A	
MB 705-137861/1-A	Method Blank	Total Recoverable	Water	3005A	

Metals (Continued)

Prep Batch: 137861 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 705-137861/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
705-67793-1 MS	WAN-WGWC-8A	Total Recoverable	Water	3005A	
705-67793-1 MSD	WAN-WGWC-8A	Total Recoverable	Water	3005A	

Prep Batch: 137870

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-67793-8	WAN-WGWC-34S	Total Recoverable	Water	3005A	
705-67793-9	WAN-WGWC-36D	Total Recoverable	Water	3005A	
705-67793-10	WAN-WGWC-31D	Total Recoverable	Water	3005A	
705-67793-11	WAN-WGWC-39	Total Recoverable	Water	3005A	
705-67793-12	WAN-WGWC-35D	Total Recoverable	Water	3005A	
705-67793-13	WAN-AP1-FB-16	Total Recoverable	Water	3005A	
705-67793-14	WAN-WGWC-36S	Total Recoverable	Water	3005A	
705-67793-15	WAN-WGWC-34D	Total Recoverable	Water	3005A	
MB 705-137870/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 705-137870/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
705-67793-13 MS	WAN-AP1-FB-16	Total Recoverable	Water	3005A	
705-67793-13 MSD	WAN-AP1-FB-16	Total Recoverable	Water	3005A	

Prep Batch: 137999

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-67793-1	WAN-WGWC-8A	Total/NA	Water	3010A	
705-67793-2	WAN-WGWC-35S	Total/NA	Water	3010A	
705-67793-3	WAN-WGWC-37D	Total/NA	Water	3010A	
705-67793-4	WAN-WGWC-38S	Total/NA	Water	3010A	
705-67793-5	WAN-AP1-EB-10	Total/NA	Water	3010A	
705-67793-6	WAN-AP1-FD-10	Total/NA	Water	3010A	
MB 705-137999/1-A	Method Blank	Total/NA	Water	3010A	
LCS 705-137999/2-A	Lab Control Sample	Total/NA	Water	3010A	
705-67789-A-21-B MS	Matrix Spike	Total/NA	Water	3010A	
705-67789-A-21-C MSD	Matrix Spike Duplicate	Total/NA	Water	3010A	

Prep Batch: 138121

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-67793-7	WAN-WGWC-30	Total/NA	Water	3010A	
705-67793-8	WAN-WGWC-34S	Total/NA	Water	3010A	
705-67793-9	WAN-WGWC-36D	Total/NA	Water	3010A	
705-67793-10	WAN-WGWC-31D	Total/NA	Water	3010A	
705-67793-11	WAN-WGWC-39	Total/NA	Water	3010A	
705-67793-12	WAN-WGWC-35D	Total/NA	Water	3010A	
705-67793-13	WAN-AP1-FB-16	Total/NA	Water	3010A	
705-67793-14	WAN-WGWC-36S	Total/NA	Water	3010A	
705-67793-15	WAN-WGWC-34D	Total/NA	Water	3010A	
MB 705-138121/1-A	Method Blank	Total/NA	Water	3010A	
LCS 705-138121/2-A	Lab Control Sample	Total/NA	Water	3010A	
705-67789-A-46-B MS	Matrix Spike	Total/NA	Water	3010A	
705-67789-A-46-C MSD	Matrix Spike Duplicate	Total/NA	Water	3010A	

Prep Batch: 138226

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-67793-1	WAN-WGWC-8A	Total/NA	Water	7470A	

Metals (Continued)

Prep Batch: 138226 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-67793-2	WAN-WGWC-35S	Total/NA	Water	7470A	
705-67793-3	WAN-WGWC-37D	Total/NA	Water	7470A	
705-67793-4	WAN-WGWC-38S	Total/NA	Water	7470A	
705-67793-5	WAN-AP1-EB-10	Total/NA	Water	7470A	
705-67793-6	WAN-AP1-FD-10	Total/NA	Water	7470A	
705-67793-7	WAN-WGWC-30	Total/NA	Water	7470A	
705-67793-8	WAN-WGWC-34S	Total/NA	Water	7470A	
705-67793-9	WAN-WGWC-36D	Total/NA	Water	7470A	
705-67793-10	WAN-WGWC-31D	Total/NA	Water	7470A	
705-67793-11	WAN-WGWC-39	Total/NA	Water	7470A	
705-67793-12	WAN-WGWC-35D	Total/NA	Water	7470A	
705-67793-13	WAN-AP1-FB-16	Total/NA	Water	7470A	
705-67793-14	WAN-WGWC-36S	Total/NA	Water	7470A	
705-67793-15	WAN-WGWC-34D	Total/NA	Water	7470A	
MB 705-138226/1-A	Method Blank	Total/NA	Water	7470A	
LCS 705-138226/2-A	Lab Control Sample	Total/NA	Water	7470A	
705-67792-G-2-C MS	Matrix Spike	Total/NA	Water	7470A	
705-67792-G-2-D MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	

Prep Batch: 138229

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-67465-1	WAN-WGWC-33	Total/NA	Water	7470A	
705-67465-2	WAN-WGWC-37S	Total/NA	Water	7470A	
705-67465-3	WAN-WGWC-38D	Total/NA	Water	7470A	
705-67465-4	WAN-AP1-FB-15	Total/NA	Water	7470A	
705-67465-5	WAN-WGWC-40	Total/NA	Water	7470A	
705-67465-6	WAN-WGWC-31S	Total/NA	Water	7470A	
705-67465-7	WAN-AP1-EB-09	Total/NA	Water	7470A	
705-67465-8	WAN-WGWC-32	Total/NA	Water	7470A	
705-67465-9	WAN-AP1-FD-09	Total/NA	Water	7470A	
MB 705-138229/1-A	Method Blank	Total/NA	Water	7470A	
LCS 705-138229/2-A	Lab Control Sample	Total/NA	Water	7470A	
180-205453-D-4-B MS	Matrix Spike	Total/NA	Water	7470A	
180-205453-D-4-C MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	

Analysis Batch: 138281

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-67793-1	WAN-WGWC-8A	Total/NA	Water	6010D	137999
705-67793-2	WAN-WGWC-35S	Total/NA	Water	6010D	137999
705-67793-3	WAN-WGWC-37D	Total/NA	Water	6010D	137999
705-67793-4	WAN-WGWC-38S	Total/NA	Water	6010D	137999
705-67793-5	WAN-AP1-EB-10	Total/NA	Water	6010D	137999
705-67793-6	WAN-AP1-FD-10	Total/NA	Water	6010D	137999
MB 705-137999/1-A	Method Blank	Total/NA	Water	6010D	137999
LCS 705-137999/2-A	Lab Control Sample	Total/NA	Water	6010D	137999
705-67789-A-21-B MS	Matrix Spike	Total/NA	Water	6010D	137999
705-67789-A-21-C MSD	Matrix Spike Duplicate	Total/NA	Water	6010D	137999

Analysis Batch: 138525

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-67793-8	WAN-WGWC-34S	Total Recoverable	Water	6020B	137870

Metals (Continued)

Analysis Batch: 138525 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-67793-9	WAN-WGWC-36D	Total Recoverable	Water	6020B	137870
705-67793-10	WAN-WGWC-31D	Total Recoverable	Water	6020B	137870
705-67793-11	WAN-WGWC-39	Total Recoverable	Water	6020B	137870
705-67793-12	WAN-WGWC-35D	Total Recoverable	Water	6020B	137870
705-67793-13	WAN-AP1-FB-16	Total Recoverable	Water	6020B	137870
705-67793-14	WAN-WGWC-36S	Total Recoverable	Water	6020B	137870
705-67793-15	WAN-WGWC-34D	Total Recoverable	Water	6020B	137870
MB 705-137870/1-A	Method Blank	Total Recoverable	Water	6020B	137870
LCS 705-137870/2-A	Lab Control Sample	Total Recoverable	Water	6020B	137870
705-67793-13 MS	WAN-AP1-FB-16	Total Recoverable	Water	6020B	137870
705-67793-13 MSD	WAN-AP1-FB-16	Total Recoverable	Water	6020B	137870

Analysis Batch: 138529

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-67793-1	WAN-WGWC-8A	Total Recoverable	Water	6020B	137861
705-67793-2	WAN-WGWC-35S	Total Recoverable	Water	6020B	137861
705-67793-3	WAN-WGWC-37D	Total Recoverable	Water	6020B	137861
705-67793-4	WAN-WGWC-38S	Total Recoverable	Water	6020B	137861
705-67793-5	WAN-AP1-EB-10	Total Recoverable	Water	6020B	137861
705-67793-6	WAN-AP1-FD-10	Total Recoverable	Water	6020B	137861
705-67793-7	WAN-WGWC-30	Total Recoverable	Water	6020B	137861
MB 705-137861/1-A	Method Blank	Total Recoverable	Water	6020B	137861
LCS 705-137861/2-A	Lab Control Sample	Total Recoverable	Water	6020B	137861
705-67793-1 MS	WAN-WGWC-8A	Total Recoverable	Water	6020B	137861
705-67793-1 MSD	WAN-WGWC-8A	Total Recoverable	Water	6020B	137861

Analysis Batch: 138706

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-67465-3	WAN-WGWC-38D	Total/NA	Water	6010D	137089

Analysis Batch: 138780

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-67793-7	WAN-WGWC-30	Total/NA	Water	6010D	138121
705-67793-8	WAN-WGWC-34S	Total/NA	Water	6010D	138121
705-67793-9	WAN-WGWC-36D	Total/NA	Water	6010D	138121
705-67793-10	WAN-WGWC-31D	Total/NA	Water	6010D	138121
705-67793-11	WAN-WGWC-39	Total/NA	Water	6010D	138121
705-67793-12	WAN-WGWC-35D	Total/NA	Water	6010D	138121
705-67793-13	WAN-AP1-FB-16	Total/NA	Water	6010D	138121
705-67793-14	WAN-WGWC-36S	Total/NA	Water	6010D	138121
705-67793-15	WAN-WGWC-34D	Total/NA	Water	6010D	138121
MB 705-138121/1-A	Method Blank	Total/NA	Water	6010D	138121
LCS 705-138121/2-A	Lab Control Sample	Total/NA	Water	6010D	138121
705-67789-A-46-B MS	Matrix Spike	Total/NA	Water	6010D	138121
705-67789-A-46-C MSD	Matrix Spike Duplicate	Total/NA	Water	6010D	138121

Analysis Batch: 138843

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-67793-1	WAN-WGWC-8A	Total Recoverable	Water	6020B	137861
705-67793-3	WAN-WGWC-37D	Total Recoverable	Water	6020B	137861
705-67793-8	WAN-WGWC-34S	Total Recoverable	Water	6020B	137870

Metals (Continued)

Analysis Batch: 138843 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-67793-9	WAN-WGWC-36D	Total Recoverable	Water	6020B	137870
705-67793-11	WAN-WGWC-39	Total Recoverable	Water	6020B	137870
705-67793-12	WAN-WGWC-35D	Total Recoverable	Water	6020B	137870
705-67793-14	WAN-WGWC-36S	Total Recoverable	Water	6020B	137870
705-67793-15	WAN-WGWC-34D	Total Recoverable	Water	6020B	137870
MB 705-137861/1-A	Method Blank	Total Recoverable	Water	6020B	137861
MB 705-137870/1-A	Method Blank	Total Recoverable	Water	6020B	137870

Analysis Batch: 138959

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-67793-1	WAN-WGWC-8A	Total/NA	Water	7470A	138226
705-67793-2	WAN-WGWC-35S	Total/NA	Water	7470A	138226
705-67793-3	WAN-WGWC-37D	Total/NA	Water	7470A	138226
705-67793-4	WAN-WGWC-38S	Total/NA	Water	7470A	138226
705-67793-5	WAN-AP1-EB-10	Total/NA	Water	7470A	138226
705-67793-6	WAN-AP1-FD-10	Total/NA	Water	7470A	138226
705-67793-7	WAN-WGWC-30	Total/NA	Water	7470A	138226
705-67793-8	WAN-WGWC-34S	Total/NA	Water	7470A	138226
705-67793-9	WAN-WGWC-36D	Total/NA	Water	7470A	138226
705-67793-10	WAN-WGWC-31D	Total/NA	Water	7470A	138226
705-67793-11	WAN-WGWC-39	Total/NA	Water	7470A	138226
705-67793-12	WAN-WGWC-35D	Total/NA	Water	7470A	138226
705-67793-13	WAN-AP1-FB-16	Total/NA	Water	7470A	138226
705-67793-14	WAN-WGWC-36S	Total/NA	Water	7470A	138226
705-67793-15	WAN-WGWC-34D	Total/NA	Water	7470A	138226
MB 705-138226/1-A	Method Blank	Total/NA	Water	7470A	138226
MB 705-138229/1-A	Method Blank	Total/NA	Water	7470A	138229
LCS 705-138226/2-A	Lab Control Sample	Total/NA	Water	7470A	138226
LCS 705-138229/2-A	Lab Control Sample	Total/NA	Water	7470A	138229
180-205453-D-4-B MS	Matrix Spike	Total/NA	Water	7470A	138229
180-205453-D-4-C MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	138229
705-67792-G-2-C MS	Matrix Spike	Total/NA	Water	7470A	138226
705-67792-G-2-D MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	138226

Analysis Batch: 138962

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-67465-1	WAN-WGWC-33	Total/NA	Water	7470A	138229
705-67465-2	WAN-WGWC-37S	Total/NA	Water	7470A	138229
705-67465-3	WAN-WGWC-38D	Total/NA	Water	7470A	138229
705-67465-4	WAN-AP1-FB-15	Total/NA	Water	7470A	138229
705-67465-5	WAN-WGWC-40	Total/NA	Water	7470A	138229
705-67465-6	WAN-WGWC-31S	Total/NA	Water	7470A	138229
705-67465-7	WAN-AP1-EB-09	Total/NA	Water	7470A	138229
705-67465-8	WAN-WGWC-32	Total/NA	Water	7470A	138229
705-67465-9	WAN-AP1-FD-09	Total/NA	Water	7470A	138229

General Chemistry

Analysis Batch: 137564

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-67465-1	WAN-WGWC-33	Total/NA	Water	2540C - 2015	

General Chemistry (Continued)

Analysis Batch: 137564 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-67465-2	WAN-WGWC-37S	Total/NA	Water	2540C - 2015	
705-67465-3	WAN-WGWC-38D	Total/NA	Water	2540C - 2015	
705-67465-4	WAN-AP1-FB-15	Total/NA	Water	2540C - 2015	
705-67465-5	WAN-WGWC-40	Total/NA	Water	2540C - 2015	
705-67465-6	WAN-WGWC-31S	Total/NA	Water	2540C - 2015	
705-67465-7	WAN-AP1-EB-09	Total/NA	Water	2540C - 2015	
705-67465-8	WAN-WGWC-32	Total/NA	Water	2540C - 2015	
705-67465-9	WAN-AP1-FD-09	Total/NA	Water	2540C - 2015	
MB 705-137564/1	Method Blank	Total/NA	Water	2540C - 2015	
LCS 705-137564/2	Lab Control Sample	Total/NA	Water	2540C - 2015	
705-67598-B-1 DU	Duplicate	Total/NA	Water	2540C - 2015	

Analysis Batch: 138029

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-67793-1	WAN-WGWC-8A	Total/NA	Water	2540C - 2015	
705-67793-2	WAN-WGWC-35S	Total/NA	Water	2540C - 2015	
705-67793-3	WAN-WGWC-37D	Total/NA	Water	2540C - 2015	
MB 705-138029/1	Method Blank	Total/NA	Water	2540C - 2015	
LCS 705-138029/2	Lab Control Sample	Total/NA	Water	2540C - 2015	
705-67705-B-1 DU	Duplicate	Total/NA	Water	2540C - 2015	

Analysis Batch: 138401

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-67793-4	WAN-WGWC-38S	Total/NA	Water	2540C - 2015	
705-67793-5	WAN-AP1-EB-10	Total/NA	Water	2540C - 2015	
705-67793-6	WAN-AP1-FD-10	Total/NA	Water	2540C - 2015	
705-67793-7	WAN-WGWC-30	Total/NA	Water	2540C - 2015	
705-67793-8	WAN-WGWC-34S	Total/NA	Water	2540C - 2015	
705-67793-9	WAN-WGWC-36D	Total/NA	Water	2540C - 2015	
705-67793-10	WAN-WGWC-31D	Total/NA	Water	2540C - 2015	
705-67793-11	WAN-WGWC-39	Total/NA	Water	2540C - 2015	
705-67793-12	WAN-WGWC-35D	Total/NA	Water	2540C - 2015	
705-67793-13	WAN-AP1-FB-16	Total/NA	Water	2540C - 2015	
705-67793-14	WAN-WGWC-36S	Total/NA	Water	2540C - 2015	
705-67793-15	WAN-WGWC-34D	Total/NA	Water	2540C - 2015	
MB 705-138401/1	Method Blank	Total/NA	Water	2540C - 2015	
LCS 705-138401/2	Lab Control Sample	Total/NA	Water	2540C - 2015	
705-67885-D-1 DU	Duplicate	Total/NA	Water	2540C - 2015	

Lab Chronicle

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-67465-1

Client Sample ID: WAN-WGWC-33

Lab Sample ID: 705-67465-1
Date Collected: 05/18/26 16:23
Matrix: Water
Date Received: 05/20/26 17:41

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	138861	MS	EET ATL 2	05/29/26 20:10
Total/NA	Analysis	300.0		10	139040	MS	EET ATL 2	05/30/26 12:31
Total/NA	Prep	3010A			137089	TR	EET ATL	05/21/26 10:45
Total/NA	Analysis	6010D		1	137737	DS	EET ATL	05/22/26 14:09
Total Recoverable	Prep	3005A			137111	TR	EET ATL	05/21/26 11:45
Total Recoverable	Analysis	6020B		1	137641	TT	EET ATL	05/23/26 01:34
Total/NA	Prep	7470A			138229	GR	EET ATL	05/27/26 12:02
Total/NA	Analysis	7470A		1	138962	GR	EET ATL	05/29/26 12:27
Total/NA	Analysis	2540C - 2015		1	137564	SKS	EET ATL	05/22/26 16:13

Client Sample ID: WAN-WGWC-37S

Lab Sample ID: 705-67465-2
Date Collected: 05/18/26 14:58
Matrix: Water
Date Received: 05/20/26 17:41

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	138861	MS	EET ATL 2	05/29/26 20:21
Total/NA	Analysis	300.0		10	139040	MS	EET ATL 2	05/30/26 12:43
Total/NA	Prep	3010A			137089	TR	EET ATL	05/21/26 10:45
Total/NA	Analysis	6010D		1	137737	DS	EET ATL	05/22/26 14:12
Total Recoverable	Prep	3005A			137111	TR	EET ATL	05/21/26 11:45
Total Recoverable	Analysis	6020B		1	137641	TT	EET ATL	05/23/26 01:37
Total/NA	Prep	7470A			138229	GR	EET ATL	05/27/26 12:02
Total/NA	Analysis	7470A		1	138962	GR	EET ATL	05/29/26 12:39
Total/NA	Analysis	2540C - 2015		1	137564	SKS	EET ATL	05/22/26 16:13

Client Sample ID: WAN-WGWC-38D

Lab Sample ID: 705-67465-3
Date Collected: 05/18/26 13:30
Matrix: Water
Date Received: 05/20/26 17:41

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	138861	MS	EET ATL 2	05/29/26 20:33
Total/NA	Analysis	300.0		20	139040	MS	EET ATL 2	05/30/26 12:55
Total/NA	Analysis	300.0		40	139040	MS	EET ATL 2	05/30/26 13:41
Total/NA	Prep	3010A			137089	TR	EET ATL	05/21/26 10:45
Total/NA	Analysis	6010D		10	138706	MT	EET ATL	05/28/26 17:42
Total/NA	Prep	3010A			137089	TR	EET ATL	05/21/26 10:45
Total/NA	Analysis	6010D		1	137737	DS	EET ATL	05/22/26 14:15
Total Recoverable	Prep	3005A			137111	TR	EET ATL	05/21/26 11:45
Total Recoverable	Analysis	6020B		1	137641	TT	EET ATL	05/23/26 01:40
Total Recoverable	Prep	3005A			137111	TR	EET ATL	05/21/26 11:45
Total Recoverable	Analysis	6020B		2	137673	TT	EET ATL	05/23/26 11:58
Total/NA	Prep	7470A			138229	GR	EET ATL	05/27/26 12:02
Total/NA	Analysis	7470A		1	138962	GR	EET ATL	05/29/26 12:43
Total/NA	Analysis	2540C - 2015		1	137564	SKS	EET ATL	05/22/26 16:13

Lab Chronicle

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-67465-1

Client Sample ID: WAN-AP1-FB-15

Lab Sample ID: 705-67465-4
Date Collected: 05/19/26 13:20
Matrix: Water
Date Received: 05/20/26 17:41

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	138861	MS	EET ATL 2	05/29/26 20:44
Total/NA	Prep	3010A			137089	TR	EET ATL	05/21/26 10:45
Total/NA	Analysis	6010D		1	137737	DS	EET ATL	05/22/26 14:18
Total Recoverable	Prep	3005A			137048	BR	EET ATL	05/21/26 09:16
Total Recoverable	Analysis	6020B		1	137639	TT	EET ATL	05/22/26 22:26
Total/NA	Prep	7470A			138229	GR	EET ATL	05/27/26 12:02
Total/NA	Analysis	7470A		1	138962	GR	EET ATL	05/29/26 12:59
Total/NA	Analysis	2540C - 2015		1	137564	SKS	EET ATL	05/22/26 16:13

Client Sample ID: WAN-WGWC-40

Lab Sample ID: 705-67465-5
Date Collected: 05/19/26 14:47
Matrix: Water
Date Received: 05/20/26 17:41

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	138861	MS	EET ATL 2	05/29/26 21:30
Total/NA	Prep	3010A			137089	TR	EET ATL	05/21/26 10:45
Total/NA	Analysis	6010D		1	137737	DS	EET ATL	05/22/26 14:24
Total Recoverable	Prep	3005A			137048	BR	EET ATL	05/21/26 09:16
Total Recoverable	Analysis	6020B		1	137639	TT	EET ATL	05/22/26 22:29
Total/NA	Prep	7470A			138229	GR	EET ATL	05/27/26 12:02
Total/NA	Analysis	7470A		1	138962	GR	EET ATL	05/29/26 13:03
Total/NA	Analysis	2540C - 2015		1	137564	SKS	EET ATL	05/22/26 16:13

Client Sample ID: WAN-WGWC-31S

Lab Sample ID: 705-67465-6
Date Collected: 05/19/26 15:59
Matrix: Water
Date Received: 05/20/26 17:41

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	138861	MS	EET ATL 2	05/29/26 21:42
Total/NA	Prep	3010A			137089	TR	EET ATL	05/21/26 10:45
Total/NA	Analysis	6010D		1	137737	DS	EET ATL	05/22/26 14:27
Total Recoverable	Prep	3005A			137048	BR	EET ATL	05/21/26 09:16
Total Recoverable	Analysis	6020B		1	137639	TT	EET ATL	05/22/26 22:31
Total/NA	Prep	7470A			138229	GR	EET ATL	05/27/26 12:02
Total/NA	Analysis	7470A		1	138962	GR	EET ATL	05/29/26 13:07
Total/NA	Analysis	2540C - 2015		1	137564	SKS	EET ATL	05/22/26 16:13

Client Sample ID: WAN-AP1-EB-09

Lab Sample ID: 705-67465-7
Date Collected: 05/19/26 15:00
Matrix: Water
Date Received: 05/20/26 17:41

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	138861	MS	EET ATL 2	05/29/26 21:53
Total/NA	Prep	3010A			137089	TR	EET ATL	05/21/26 10:45
Total/NA	Analysis	6010D		1	137737	DS	EET ATL	05/22/26 14:36

Lab Chronicle

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-67465-1

Client Sample ID: WAN-AP1-EB-09

Lab Sample ID: 705-67465-7
Date Collected: 05/19/26 15:00
Matrix: Water
Date Received: 05/20/26 17:41

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			137048	BR	EET ATL	05/21/26 09:16
Total Recoverable	Analysis	6020B		1	137639	TT	EET ATL	05/22/26 22:34
Total/NA	Prep	7470A			138229	GR	EET ATL	05/27/26 12:02
Total/NA	Analysis	7470A		1	138962	GR	EET ATL	05/29/26 13:11
Total/NA	Analysis	2540C - 2015		1	137564	SKS	EET ATL	05/22/26 16:13

Client Sample ID: WAN-WGWC-32

Lab Sample ID: 705-67465-8
Date Collected: 05/19/26 16:34
Matrix: Water
Date Received: 05/20/26 17:41

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	138861	MS	EET ATL 2	05/29/26 22:05
Total/NA	Prep	3010A			137089	TR	EET ATL	05/21/26 10:45
Total/NA	Analysis	6010D		1	137737	DS	EET ATL	05/22/26 14:21
Total Recoverable	Prep	3005A			137048	BR	EET ATL	05/21/26 09:16
Total Recoverable	Analysis	6020B		1	137639	TT	EET ATL	05/22/26 22:37
Total/NA	Prep	7470A			138229	GR	EET ATL	05/27/26 12:02
Total/NA	Analysis	7470A		1	138962	GR	EET ATL	05/29/26 13:15
Total/NA	Analysis	2540C - 2015		1	137564	SKS	EET ATL	05/22/26 16:13

Client Sample ID: WAN-AP1-FD-09

Lab Sample ID: 705-67465-9
Date Collected: 05/19/26 00:00
Matrix: Water
Date Received: 05/20/26 17:41

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	138861	MS	EET ATL 2	05/29/26 22:17
Total/NA	Prep	3010A			137089	TR	EET ATL	05/21/26 10:45
Total/NA	Analysis	6010D		1	137737	DS	EET ATL	05/22/26 14:39
Total Recoverable	Prep	3005A			137048	BR	EET ATL	05/21/26 09:16
Total Recoverable	Analysis	6020B		1	137639	TT	EET ATL	05/22/26 21:56
Total/NA	Prep	7470A			138229	GR	EET ATL	05/27/26 12:02
Total/NA	Analysis	7470A		1	138962	GR	EET ATL	05/29/26 13:18
Total/NA	Analysis	2540C - 2015		1	137564	SKS	EET ATL	05/22/26 16:13

Client Sample ID: WAN-WGWC-8A

Lab Sample ID: 705-67793-1
Date Collected: 05/20/26 11:32
Matrix: Water
Date Received: 05/22/26 17:43

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	140023	MS	EET ATL 2	06/04/26 15:15
Total/NA	Analysis	300.0		10	140023	MS	EET ATL 2	06/04/26 18:20
Total/NA	Prep	3010A			137999	BR	EET ATL	05/26/26 14:55
Total/NA	Analysis	6010D		1	138281	DS	EET ATL	05/27/26 13:27
Total Recoverable	Prep	3005A			137861	BR	EET ATL	05/26/26 10:10
Total Recoverable	Analysis	6020B		1	138529	IF	EET ATL	05/28/26 02:43

Lab Chronicle

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-67465-1

Client Sample ID: WAN-WGWC-8A

Lab Sample ID: 705-67793-1

Date Collected: 05/20/26 11:32
Date Received: 05/22/26 17:43

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			137861	BR	EET ATL	05/26/26 10:10
Total Recoverable	Analysis	6020B		1	138843	IF	EET ATL	05/28/26 17:11
Total/NA	Prep	7470A			138226	GR	EET ATL	05/28/26 16:55
Total/NA	Analysis	7470A		1	138959	GR	EET ATL	05/29/26 09:40
Total/NA	Analysis	2540C - 2015		1	138029	SKS	EET ATL	05/26/26 16:00

Client Sample ID: WAN-WGWC-35S

Lab Sample ID: 705-67793-2

Date Collected: 05/20/26 14:18
Date Received: 05/22/26 17:43

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	140023	MS	EET ATL 2	06/04/26 15:26
Total/NA	Prep	3010A			137999	BR	EET ATL	05/26/26 14:55
Total/NA	Analysis	6010D		1	138281	DS	EET ATL	05/27/26 13:30
Total Recoverable	Prep	3005A			137861	BR	EET ATL	05/26/26 10:10
Total Recoverable	Analysis	6020B		1	138529	IF	EET ATL	05/28/26 04:35
Total/NA	Prep	7470A			138226	GR	EET ATL	05/28/26 16:55
Total/NA	Analysis	7470A		1	138959	GR	EET ATL	05/29/26 09:43
Total/NA	Analysis	2540C - 2015		1	138029	SKS	EET ATL	05/26/26 16:00

Client Sample ID: WAN-WGWC-37D

Lab Sample ID: 705-67793-3

Date Collected: 05/20/26 13:52
Date Received: 05/22/26 17:43

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	140341	MS	EET ATL 2	06/05/26 09:55
Total/NA	Prep	3010A			137999	BR	EET ATL	05/26/26 14:55
Total/NA	Analysis	6010D		1	138281	DS	EET ATL	05/27/26 13:39
Total Recoverable	Prep	3005A			137861	BR	EET ATL	05/26/26 10:10
Total Recoverable	Analysis	6020B		1	138529	IF	EET ATL	05/28/26 04:38
Total Recoverable	Prep	3005A			137861	BR	EET ATL	05/26/26 10:10
Total Recoverable	Analysis	6020B		1	138843	IF	EET ATL	05/28/26 17:13
Total/NA	Prep	7470A			138226	GR	EET ATL	05/28/26 16:55
Total/NA	Analysis	7470A		1	138959	GR	EET ATL	05/29/26 09:46
Total/NA	Analysis	2540C - 2015		1	138029	SKS	EET ATL	05/26/26 16:00

Client Sample ID: WAN-WGWC-38S

Lab Sample ID: 705-67793-4

Date Collected: 05/20/26 14:04
Date Received: 05/22/26 17:43

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	140341	MS	EET ATL 2	06/05/26 10:06
Total/NA	Prep	3010A			137999	BR	EET ATL	05/26/26 14:55
Total/NA	Analysis	6010D		1	138281	DS	EET ATL	05/27/26 13:42

Lab Chronicle

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-67465-1

Client Sample ID: WAN-WGWC-38S

Lab Sample ID: 705-67793-4
Date Collected: 05/20/26 14:04
Matrix: Water
Date Received: 05/22/26 17:43

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			137861	BR	EET ATL	05/26/26 10:10
Total Recoverable	Analysis	6020B		1	138529	IF	EET ATL	05/28/26 04:40
Total/NA	Prep	7470A			138226	GR	EET ATL	05/28/26 16:55
Total/NA	Analysis	7470A		1	138959	GR	EET ATL	05/29/26 09:50
Total/NA	Analysis	2540C - 2015		1	138401	SKS	EET ATL	05/27/26 18:00

Client Sample ID: WAN-AP1-EB-10

Lab Sample ID: 705-67793-5
Date Collected: 05/20/26 11:40
Matrix: Water
Date Received: 05/22/26 17:43

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	139040	MS	EET ATL 2	05/30/26 14:27
Total/NA	Prep	3010A			137999	BR	EET ATL	05/26/26 14:55
Total/NA	Analysis	6010D		1	138281	DS	EET ATL	05/27/26 13:22
Total Recoverable	Prep	3005A			137861	BR	EET ATL	05/26/26 10:10
Total Recoverable	Analysis	6020B		1	138529	IF	EET ATL	05/28/26 04:43
Total/NA	Prep	7470A			138226	GR	EET ATL	05/28/26 16:55
Total/NA	Analysis	7470A		1	138959	GR	EET ATL	05/29/26 09:53
Total/NA	Analysis	2540C - 2015		1	138401	SKS	EET ATL	05/27/26 18:00

Client Sample ID: WAN-AP1-FD-10

Lab Sample ID: 705-67793-6
Date Collected: 05/21/26 00:00
Matrix: Water
Date Received: 05/22/26 17:43

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	139745	MS	EET ATL 2	06/03/26 08:24
Total/NA	Prep	3010A			137999	BR	EET ATL	05/26/26 14:55
Total/NA	Analysis	6010D		1	138281	DS	EET ATL	05/27/26 13:25
Total Recoverable	Prep	3005A			137861	BR	EET ATL	05/26/26 10:10
Total Recoverable	Analysis	6020B		1	138529	IF	EET ATL	05/28/26 04:46
Total/NA	Prep	7470A			138226	GR	EET ATL	05/28/26 16:55
Total/NA	Analysis	7470A		1	138959	GR	EET ATL	05/29/26 10:10
Total/NA	Analysis	2540C - 2015		1	138401	SKS	EET ATL	05/27/26 18:00

Client Sample ID: WAN-WGWC-30

Lab Sample ID: 705-67793-7
Date Collected: 05/21/26 12:25
Matrix: Water
Date Received: 05/22/26 17:43

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	139040	MS	EET ATL 2	05/30/26 14:39
Total/NA	Prep	3010A			138121	BR	EET ATL	05/27/26 10:05
Total/NA	Analysis	6010D		1	138780	DS	EET ATL	05/28/26 16:44
Total Recoverable	Prep	3005A			137861	BR	EET ATL	05/26/26 10:10
Total Recoverable	Analysis	6020B		1	138529	IF	EET ATL	05/28/26 04:48

Lab Chronicle

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-67465-1

Client Sample ID: WAN-WGWC-30

Lab Sample ID: 705-67793-7
Date Collected: 05/21/26 12:25
Matrix: Water
Date Received: 05/22/26 17:43

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	7470A			138226	GR	EET ATL	05/28/26 16:55
Total/NA	Analysis	7470A		1	138959	GR	EET ATL	05/29/26 10:14
Total/NA	Analysis	2540C - 2015		1	138401	SKS	EET ATL	05/27/26 18:00

Client Sample ID: WAN-WGWC-34S

Lab Sample ID: 705-67793-8
Date Collected: 05/21/26 11:11
Matrix: Water
Date Received: 05/22/26 17:43

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	140341	MS	EET ATL 2	06/05/26 10:18
Total/NA	Prep	3010A			138121	BR	EET ATL	05/27/26 10:05
Total/NA	Analysis	6010D		1	138780	DS	EET ATL	05/28/26 16:47
Total Recoverable	Prep	3005A			137870	BR	EET ATL	05/26/26 12:00
Total Recoverable	Analysis	6020B		1	138525	IF	EET ATL	05/27/26 19:33
Total Recoverable	Prep	3005A			137870	BR	EET ATL	05/26/26 12:00
Total Recoverable	Analysis	6020B		1	138843	IF	EET ATL	05/28/26 18:24
Total/NA	Prep	7470A			138226	GR	EET ATL	05/28/26 16:55
Total/NA	Analysis	7470A		1	138959	GR	EET ATL	05/29/26 10:18
Total/NA	Analysis	2540C - 2015		1	138401	SKS	EET ATL	05/27/26 18:00

Client Sample ID: WAN-WGWC-36D

Lab Sample ID: 705-67793-9
Date Collected: 05/21/26 13:27
Matrix: Water
Date Received: 05/22/26 17:43

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	139040	MS	EET ATL 2	05/30/26 14:50
Total/NA	Prep	3010A			138121	BR	EET ATL	05/27/26 10:05
Total/NA	Analysis	6010D		1	138780	DS	EET ATL	05/28/26 16:51
Total Recoverable	Prep	3005A			137870	BR	EET ATL	05/26/26 12:00
Total Recoverable	Analysis	6020B		1	138525	IF	EET ATL	05/27/26 19:43
Total Recoverable	Prep	3005A			137870	BR	EET ATL	05/26/26 12:00
Total Recoverable	Analysis	6020B		1	138843	IF	EET ATL	05/28/26 18:26
Total/NA	Prep	7470A			138226	GR	EET ATL	05/28/26 16:55
Total/NA	Analysis	7470A		1	138959	GR	EET ATL	05/29/26 10:22
Total/NA	Analysis	2540C - 2015		1	138401	SKS	EET ATL	05/27/26 18:00

Client Sample ID: WAN-WGWC-31D

Lab Sample ID: 705-67793-10
Date Collected: 05/21/26 10:23
Matrix: Water
Date Received: 05/22/26 17:43

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	139040	MS	EET ATL 2	05/30/26 15:02
Total/NA	Prep	3010A			138121	BR	EET ATL	05/27/26 10:05
Total/NA	Analysis	6010D		1	138780	DS	EET ATL	05/28/26 16:54

Lab Chronicle

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-67465-1

Client Sample ID: WAN-WGWC-31D

Lab Sample ID: 705-67793-10

Date Collected: 05/21/26 10:23
Date Received: 05/22/26 17:43

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			137870	BR	EET ATL	05/26/26 12:00
Total Recoverable	Analysis	6020B		1	138525	IF	EET ATL	05/27/26 19:46
Total/NA	Prep	7470A			138226	GR	EET ATL	05/28/26 16:55
Total/NA	Analysis	7470A		1	138959	GR	EET ATL	05/29/26 10:26
Total/NA	Analysis	2540C - 2015		1	138401	SKS	EET ATL	05/27/26 18:00

Client Sample ID: WAN-WGWC-39

Lab Sample ID: 705-67793-11

Date Collected: 05/22/26 09:59
Date Received: 05/22/26 17:43

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	139040	MS	EET ATL 2	05/30/26 15:13
Total/NA	Prep	3010A			138121	BR	EET ATL	05/27/26 10:05
Total/NA	Analysis	6010D		1	138780	DS	EET ATL	05/28/26 16:57
Total Recoverable	Prep	3005A			137870	BR	EET ATL	05/26/26 12:00
Total Recoverable	Analysis	6020B		1	138525	IF	EET ATL	05/27/26 19:49
Total Recoverable	Prep	3005A			137870	BR	EET ATL	05/26/26 12:00
Total Recoverable	Analysis	6020B		1	138843	IF	EET ATL	05/28/26 18:29
Total/NA	Prep	7470A			138226	GR	EET ATL	05/28/26 16:55
Total/NA	Analysis	7470A		1	138959	GR	EET ATL	05/29/26 10:30
Total/NA	Analysis	2540C - 2015		1	138401	SKS	EET ATL	05/27/26 18:00

Client Sample ID: WAN-WGWC-35D

Lab Sample ID: 705-67793-12

Date Collected: 05/22/26 10:36
Date Received: 05/22/26 17:43

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	140341	MS	EET ATL 2	06/05/26 11:04
Total/NA	Prep	3010A			138121	BR	EET ATL	05/27/26 10:05
Total/NA	Analysis	6010D		1	138780	DS	EET ATL	05/28/26 17:00
Total Recoverable	Prep	3005A			137870	BR	EET ATL	05/26/26 12:00
Total Recoverable	Analysis	6020B		1	138525	IF	EET ATL	05/27/26 19:51
Total Recoverable	Prep	3005A			137870	BR	EET ATL	05/26/26 12:00
Total Recoverable	Analysis	6020B		1	138843	IF	EET ATL	05/28/26 18:32
Total/NA	Prep	7470A			138226	GR	EET ATL	05/28/26 16:55
Total/NA	Analysis	7470A		1	138959	GR	EET ATL	05/29/26 10:33
Total/NA	Analysis	2540C - 2015		1	138401	SKS	EET ATL	05/27/26 18:00

Client Sample ID: WAN-AP1-FB-16

Lab Sample ID: 705-67793-13

Date Collected: 05/22/26 10:50
Date Received: 05/22/26 17:43

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	139040	MS	EET ATL 2	05/30/26 15:25

Lab Chronicle

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-67465-1

Client Sample ID: WAN-AP1-FB-16

Lab Sample ID: 705-67793-13

Date Collected: 05/22/26 10:50
Date Received: 05/22/26 17:43

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3010A			138121	BR	EET ATL	05/27/26 10:05
Total/NA	Analysis	6010D		1	138780	DS	EET ATL	05/28/26 17:03
Total Recoverable	Prep	3005A			137870	BR	EET ATL	05/26/26 12:00
Total Recoverable	Analysis	6020B		1	138525	IF	EET ATL	05/27/26 18:23
Total/NA	Prep	7470A			138226	GR	EET ATL	05/28/26 16:55
Total/NA	Analysis	7470A		1	138959	GR	EET ATL	05/29/26 10:37
Total/NA	Analysis	2540C - 2015		1	138401	SKS	EET ATL	05/27/26 18:00

Client Sample ID: WAN-WGWC-36S

Lab Sample ID: 705-67793-14

Date Collected: 05/22/26 13:44
Date Received: 05/22/26 17:43

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	139040	MS	EET ATL 2	05/30/26 15:36
Total/NA	Prep	3010A			138121	BR	EET ATL	05/27/26 10:05
Total/NA	Analysis	6010D		1	138780	DS	EET ATL	05/28/26 17:06
Total Recoverable	Prep	3005A			137870	BR	EET ATL	05/26/26 12:00
Total Recoverable	Analysis	6020B		1	138525	IF	EET ATL	05/27/26 19:54
Total Recoverable	Prep	3005A			137870	BR	EET ATL	05/26/26 12:00
Total Recoverable	Analysis	6020B		1	138843	IF	EET ATL	05/28/26 18:34
Total/NA	Prep	7470A			138226	GR	EET ATL	05/28/26 16:55
Total/NA	Analysis	7470A		1	138959	GR	EET ATL	05/29/26 10:41
Total/NA	Analysis	2540C - 2015		1	138401	SKS	EET ATL	05/27/26 18:00

Client Sample ID: WAN-WGWC-34D

Lab Sample ID: 705-67793-15

Date Collected: 05/22/26 13:53
Date Received: 05/22/26 17:43

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	300.0		1	140341	MS	EET ATL 2	06/05/26 11:16
Total/NA	Analysis	300.0		20	140341	MS	EET ATL 2	06/05/26 14:32
Total/NA	Prep	3010A			138121	BR	EET ATL	05/27/26 10:05
Total/NA	Analysis	6010D		1	138780	DS	EET ATL	05/28/26 17:09
Total Recoverable	Prep	3005A			137870	BR	EET ATL	05/26/26 12:00
Total Recoverable	Analysis	6020B		1	138525	IF	EET ATL	05/27/26 19:57
Total Recoverable	Prep	3005A			137870	BR	EET ATL	05/26/26 12:00
Total Recoverable	Analysis	6020B		1	138843	IF	EET ATL	05/28/26 19:04
Total/NA	Prep	7470A			138226	GR	EET ATL	05/28/26 16:55
Total/NA	Analysis	7470A		1	138959	GR	EET ATL	05/29/26 10:45
Total/NA	Analysis	2540C - 2015		1	138401	SKS	EET ATL	05/27/26 18:00

Laboratory References:

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

EET ATL 2 = Eurofins Atlanta Building A, 3080 Presidential Pkwy, Atlanta, GA 30340, TEL (770)457-8177

Accreditation/Certification Summary

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-67465-1

Laboratory: Eurofins Atlanta

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

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

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ANALYTICAL REPORT

PREPARED FOR

Attn: Robert (Trey) Singleton
Southern Company
3535 Colonnade Parkway
Bin S 530 EC
Birmingham, Alabama 35243

Generated 6/30/2026 1:18:58 PM

JOB DESCRIPTION

Plant Wansley - Ash Pond

JOB NUMBER

705-67465-2

Eurofins Atlanta
3080 Presidential Dr
Atlanta GA 30340

See page two for job notes and contact information.

my EOL

Eurofins Atlanta

Job Notes

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

Authorization

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

Sample Summary

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-67465-2

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
705-67465-1	WAN-WGWC-33	Water	05/18/26 16:23	05/20/26 17:41	Georgia (St)
705-67465-2	WAN-WGWC-37S	Water	05/18/26 14:58	05/20/26 17:41	Georgia (St)
705-67465-3	WAN-WGWC-38D	Water	05/18/26 13:30	05/20/26 17:41	Georgia (St)
705-67465-4	WAN-AP1-FB-15	Water	05/19/26 13:20	05/20/26 17:41	Georgia (St)
705-67465-5	WAN-WGWC-40	Water	05/19/26 14:47	05/20/26 17:41	Georgia (St)
705-67465-6	WAN-WGWC-31S	Water	05/19/26 15:59	05/20/26 17:41	Georgia (St)
705-67465-7	WAN-AP1-EB-09	Water	05/19/26 15:00	05/20/26 17:41	Georgia (St)
705-67465-8	WAN-WGWC-32	Water	05/19/26 16:34	05/20/26 17:41	Georgia (St)
705-67465-9	WAN-AP1-FD-09	Water	05/19/26 00:00	05/20/26 17:41	Georgia (St)
705-67793-1	WAN-WGWC-8A	Water	05/20/26 11:32	05/22/26 17:43	Georgia (St)
705-67793-2	WAN-WGWC-35S	Water	05/20/26 14:18	05/22/26 17:43	Georgia (St)
705-67793-3	WAN-WGWC-37D	Water	05/20/26 13:52	05/22/26 17:43	Georgia (St)
705-67793-4	WAN-WGWC-38S	Water	05/20/26 14:04	05/22/26 17:43	Georgia (St)
705-67793-5	WAN-AP1-EB-10	Water	05/20/26 11:40	05/22/26 17:43	Georgia (St)
705-67793-6	WAN-AP1-FD-10	Water	05/21/26 00:00	05/22/26 17:43	Georgia (St)
705-67793-7	WAN-WGWC-30	Water	05/21/26 12:25	05/22/26 17:43	Georgia (St)
705-67793-8	WAN-WGWC-34S	Water	05/21/26 11:11	05/22/26 17:43	Georgia (St)
705-67793-9	WAN-WGWC-36D	Water	05/21/26 13:27	05/22/26 17:43	Georgia (St)
705-67793-10	WAN-WGWC-31D	Water	05/21/26 10:23	05/22/26 17:43	Georgia (St)
705-67793-11	WAN-WGWC-39	Water	05/22/26 09:59	05/22/26 17:43	Georgia (St)
705-67793-12	WAN-WGWC-35D	Water	05/22/26 10:36	05/22/26 17:43	Georgia (St)
705-67793-13	WAN-AP1-FB-16	Water	05/22/26 10:50	05/22/26 17:43	Georgia (St)
705-67793-14	WAN-WGWC-36S	Water	05/22/26 13:44	05/22/26 17:43	Georgia (St)
705-67793-15	WAN-WGWC-34D	Water	05/22/26 13:53	05/22/26 17:43	Georgia (St)

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

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: D. Johnson, ACC N. Nance	Lab PM: David Fuller / Phone: 770-344-8986	Carrier Tracking No(s):	COC No:
Client Contact: SCS Contacts	Phone:	E-Mail: David.Fuller@ET.EurofinsUS.com		Page: 1 of 1
Company: GA Power				Job #:
Address: 241 Ralph McGill Blvd SE	Due Date Requested:			
City: Atlanta	TAT Requested (days):			
State, Zip: GA, 30308				
Phone: 404-506-7116(Tel)	Lab Project #: 70504536			
Email: SCS Contacts / Geosyntec Contacts	PO #: GPC82130-0004 / PO Line #1			
Project Name: Plant Wansley Ash Pond Quarterly 4	Project #:			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

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

Other:

Task_Code: WAN-CCR-OTH-2026 05 18

Special Instructions/Note:

Sample Identification	Sample Date (mm/dd/yy)	Sample Time (hhmm)	Sample Type (C=comp, G=grab)	Matrix (WG=ground water, WS=surface water, WQ=quality control)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D - Chloride, Fluoride, Sulfate	2540C_Calcd - Total Dissolved Solids (TDS)	6010D - App III Metals: B, Ca	6020B - App IV Metals: Sb,As,Ba,Be,Cd,Cr,Co,Pb,Mo,Se,Tl	6010D - Lithium	7470A - App IV Mercury	9315_Ra226 - Radium-226 (GFPC) - 21 day decay	9320_Ra228 - Radium-228 (GFPC) - 21 day decay	Ra226Ra228_GFPC - Combined Radium 226 and 228	Total Number of containers
			Preservation Code:				I	I	D	D	D	D	D	D	D	
WAN- WGWC-33	05/18/26	1623	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	5
WAN- WGWC-37S	05/18/26	1458	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	5
WAN- WGWC-38D	05/18/26	1330	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	5
WAN- API-FB-15	05/19/26	1320	G	WQ	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	5
WAN- WGWC-40	05/19/26	1447	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	5
WAN- WGWC-31S	05/19/26	1559	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	5
WAN- API-EB-09	05/19/26	1500	G	WQ	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	5
WAN- WGWC-32	05/19/26	1634	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	5
WAN- API-FD-09	05/19/26	—	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	5
WAN-			G		N	N										
WAN-			G		N	N										

705-67465 COC

705-67465 Chain of Custody

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

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

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

Special Instructions/QC Requirements:

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

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
N Nance	5/20/26 1741	ACC		5/20/26 1741	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 0.1, 0.3, 1.2 #2665

Ver: 01/16/2019 6/30/2026

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

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: D. Johnson, J. May (ACC)	Lab PM: David Fuller / Phone: 770-344-8986	Carrier Tracking No(s):	COC No:
Client Contact: SCS Contacts	Phone:	E-Mail: David.Fuller@ET.EurofinsUS.com		Page: 1 of 2
Company: GA Power				Job #:
Address: 241 Ralph McGill Blvd SE	Due Date Requested:			
City: Atlanta	TAT Requested (days):			
State, Zip: GA, 30308				
Phone: 404-506-7116(Tel)	Lab Project #: 70504536			
Email: SCS Contacts / Geosyntec Contacts	PO #: GPC82130-0004 / PO Line #1			
Project Name: Plant Wansley Ash Pond Quarterly 4	Project #:			
Site:	SSOW#:			

Analysis Requested

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

Task_Code: WAN-CCR-OTH-2026 0518

Special Instructions/Note:

705-67793 COC

Sample Identification	Sample Date (mm/dd/yy)	Sample Time (hhmm)	Sample Type (C=comp, G=grab)	Matrix (WG=ground water, WS=surface water, WQ=quality control)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D - Chloride, Fluoride, Sulfate	2540C_Calcd - Total Dissolved Solids (TDS)	6010D - App III Metals: B, Ca	6020B - App IV Metals: Sb,As,Ba,Be,Cd,Cr,Co,Pb,Mo,Se,Tl	6010D - Lithium	7470A - App IV Mercury	9315_Ra226 - Radium-226 (GFPC) - 21 day decay	9320_Ra228 - Radium-228 (GFPC) - 21 day decay	Ra226Ra228_GFPC - Combined Radium 226 and 228	Total Number of containers
			Preservation Code:				I	I	D	D	D	D	D	D	D	
WAN- WGWC-8A	05-20-26	1132	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	5
WAN- WGWC-35S	05-20-26	1418	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	5
WAN- WGWC-37D	05-20-26	1352	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	5
WAN- WGWC-38S	05-20-26	1404	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	5
WAN- API-EB-10	05-20-26	1140	G	WQ	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	5
WAN- API-FD-10	05-21-26	—	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	5
WAN- WGWC-30	05-21-26	1225	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	5
WAN- WGWC-34S	05-21-26	1111	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	5
WAN- WGWC-36D	05-21-26	1327	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	5
WAN- WGWC-31D	05-21-26	1023	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	5
WAN- WGWC-39	05-22-26	0959	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	5

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

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

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

Special Instructions/QC Requirements:

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

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
[signature]	5/22/26 1740	ACC	[signature]	5/22/26 543	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 2.6 5 0.3 0.3 2.6 2.4

705-67793 Chain of Custody

Ver: 01/16/2019

6/30/2026

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

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: D. Johnson, J. May (ACC)	Lab PM: David Fuller / Phone: 770-344-8986	Carrier Tracking No(s):	COC No:
Client Contact: SCS Contacts	Phone:	E-Mail: David.Fuller@ET.EurofinsUS.com		Page: 2 of 2
Company: GA Power				Job #:
Address: 241 Ralph McGill Blvd SE	Due Date Requested:			
City: Atlanta	TAT Requested (days):			
State, Zip: GA, 30308				
Phone: 404-506-7116(Tel)	Lab Project #: 70504536			
Email: SCS Contacts / Geosyntec Contacts	PO #: GPC82130-0004 / PO Line #1			
Project Name: Plant Wansley Ash Pond Quarterly 4	Project #:			
Site:	SSOW#:			

Analysis Requested

Sample Identification	Sample Date (mm/dd/yy)	Sample Time (hhmm)	Sample Type (C=Comp, G=grab)	Matrix (WG=ground water, WS=surface water, WQ=quality control)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300_ORGFM_28D - Chloride, Fluoride, Sulfate	2540C_Calcd - Total Dissolved Solids (TDS)	6010D- App III Metals: B, Ca	6020B - App IV Metals: Sb,As,Ba,Be,Cd,Cr,Co,Pb,Mo,Se,Tl	6010D - Lithium	7470A - App IV Mercury	9315_Ra226 - Radium-226 (GFPC) - 21 day decay	9320_Ra228 - Radium-228 (GFPC) - 21 day decay	Ra226Ra228_GFPC - Combined Radium 226 and 228					Total Number of containers	Special Instructions/Note:
			Preservation Code:				I	I	D	D	D	D	D	D	D						
WAN- WGWC-35 D	05-22-26	1036	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓					5	
WAN- API-FB-16	05-22-26	1050	G	WQ	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓					5	
WAN- WGWC-36 S	05-22-26	1344	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓					5	
WAN- WGWC-34 D	05-22-26	1353	G	WG	N	N	✓	✓	✓	✓	✓	✓	✓	✓	✓					5	
WAN-			G		N	N															
WAN-			G		N	N															
WAN-			G		N	N															
WAN-			G		N	N															
WAN-			G		N	N															
WAN-			G		N	N															
WAN-			G		N	N															

Preservation Codes:

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

Other:

Task_Code: WAN-CCR-OTH-2026 0518

Special Instructions/Note:

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

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

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

Special Instructions/QC Requirements:

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

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
[signature]	5/22/26 1740	ACC	[signature]	5/22/26 543	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks: Heat 0.3 0.3 0.6 0.4

Ver: 01/16/2019

6/30/2026

Eurofins Atlanta
3080 Presidential Dr
Atlanta, GA 30340
Phone: 770-457-8177 Fax: 770-457-8188

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Fuller, David	Carrier Tracking No(s): N/A	COC No: 705-126495.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: David.Fuller@et.eurofinsus.com	State of Origin: Georgia (St)	Page: Page 1 of 1
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note): NELAP - Florida; State - Georgia		Job #: 705-67465-2
Address: 13715 Rider Trail North, ,	Due Date Requested: 6/23/2026			Preservation Codes: -
City: Earth City	TAT Requested (days): N/A			
State, Zip: MO, 63045				
Phone: 314-298-8566(Tel) 314-298-8757(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Plant Wansley - Ash Pond	Project #: 70504536			
Site: N/A	SSOW#: N/A			Other: N/A

Analysis Requested

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	9315_Ra226/PrecSep_21Radium-226 (GFPC) - 21 day decay	9320_Ra228/PrecSep_0Radium-228 (GFPC) - 21 day decay	Ra226Ra228_GFPCCombined Radium-226 and Radium-228	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
WAN-WGWC-33 (705-67465-1)	5/18/26	16:23 Eastern	G	Water			X	X	X	2	
WAN-WGWC-37S (705-67465-2)	5/18/26	14:58 Eastern	G	Water			X	X	X	2	
WAN-WGWC-38D (705-67465-3)	5/18/26	13:30 Eastern	G	Water			X	X	X	2	
WAN-AP1-FB-15 (705-67465-4)	5/19/26	13:20 Eastern	G	Water			X	X	X	2	
WAN-WGWC-40 (705-67465-5)	5/19/26	14:47 Eastern	G	Water			X	X	X	2	
WAN-WGWC-31S (705-67465-6)	5/19/26	15:59 Eastern	G	Water			X	X	X	2	
WAN-AP1-EB-09 (705-67465-7)	5/19/26	15:00 Eastern	G	Water			X	X	X	2	
WAN-WGWC-32 (705-67465-8)	5/19/26	16:34 Eastern	G	Water			X	X	X	2	
WAN-AP1-FD-09 (705-67465-9)	5/19/26	Eastern	G	Water			X	X	X	2	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Southeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Southeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Southeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Southeast, LLC.

Possible Hazard Identification *Unconfirmed*	***Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*** ☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

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

Relinquished by: RT	Date/Time: 05/21/26 1700	Company	Received by: M. Pinette	Date/Time: MAY 22 2026 0830	Company
Relinquished by:	Date/Time:	Company	Received by: Meadow Pinette	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

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

Ver: 03/20/2026

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 705-67465-2

Login Number: 67465
List Number: 1
Creator: Jeremiah, Mortley

List Source: Eurofins Atlanta

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

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

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 705-67465-2

Login Number: 67465
List Number: 2
Creator: Pinette, Meadow L

List Source: Eurofins St. Louis
List Creation: 05/22/26 11:33 AM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
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.	N/A	
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?	N/A	
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").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 705-67465-2

Login Number: 67793
List Number: 1
Creator: Jeremiah, Mortley

List Source: Eurofins Atlanta

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

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

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 705-67465-2

Login Number: 67793
List Number: 2
Creator: Forrest, Cheyenne L

List Source: Eurofins St. Louis
List Creation: 05/27/26 12:43 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
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.	N/A	
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?	N/A	
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").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

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

Definitions/Glossary

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-67465-2

Qualifiers

Rad

Qualifier	Qualifier Description
G	The Sample MDC is greater than the requested RL.
U	Result is less than the sample detection limit.

Glossary

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

Job Narrative
705-67465-2

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

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

Receipt
The samples were received on 5/20/2026 5:41 PM and 5/22/2026 5:43 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 6 coolers at receipt time were 0.1°C, 0.3°C, 0.3°C, 0.4°C, 0.6°C and 1.2°C.

Gas Flow Proportional Counter
Method 9320: Radium 228 Batch 773860
The Radium-228 laboratory control sample (LCS) associated with the following samples recovered at 131%: (LCS 160-773860/2-A). The limits in our LIMS system at 75-125% reflect the requirements of a regulatory agency that represents a large amount of our work. However the samples associated with this LCS are not from this agency and are therefore held to our in-house statistical limits of 72-154%. The LCS is within criteria and no further action is required.

Method 9320: Radium 228 Batch 773860
The MDC for the following sample(s) is flagged as failing; The laboratory considers the detection goal (requested limit) met when rounding to the appropriate place value. (240-251440-F-1-B) and (240-251440-E-1-B DU)

Method 9320: Radium 228 Batch 773860
The detection goal was not met for the following sample due to a reduced sample volume used in prep attributed to the presence of matrix interferences. WAN-AP1-FD-09 (705-67465-9)

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

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

Detection Summary

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-67465-2

Client Sample ID: WAN-WGWC-33 — Lab Sample ID: 705-67465-1

No Detections.

Client Sample ID: WAN-WGWC-37S — Lab Sample ID: 705-67465-2

No Detections.

Client Sample ID: WAN-WGWC-38D — Lab Sample ID: 705-67465-3

No Detections.

Client Sample ID: WAN-AP1-FB-15 — Lab Sample ID: 705-67465-4

No Detections.

Client Sample ID: WAN-WGWC-40 — Lab Sample ID: 705-67465-5

No Detections.

Client Sample ID: WAN-WGWC-31S — Lab Sample ID: 705-67465-6

No Detections.

Client Sample ID: WAN-AP1-EB-09 — Lab Sample ID: 705-67465-7

No Detections.

Client Sample ID: WAN-WGWC-32 — Lab Sample ID: 705-67465-8

No Detections.

Client Sample ID: WAN-AP1-FD-09 — Lab Sample ID: 705-67465-9

No Detections.

Client Sample ID: WAN-WGWC-8A — Lab Sample ID: 705-67793-1

No Detections.

Client Sample ID: WAN-WGWC-35S — Lab Sample ID: 705-67793-2

No Detections.

Client Sample ID: WAN-WGWC-37D — Lab Sample ID: 705-67793-3

No Detections.

Client Sample ID: WAN-WGWC-38S — Lab Sample ID: 705-67793-4

No Detections.

Client Sample ID: WAN-AP1-EB-10 — Lab Sample ID: 705-67793-5

No Detections.

Client Sample ID: WAN-AP1-FD-10 — Lab Sample ID: 705-67793-6

No Detections.

Client Sample ID: WAN-WGWC-30 — Lab Sample ID: 705-67793-7

No Detections.

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-67465-2

Client Sample ID: WAN-WGWC-34S — Lab Sample ID: 705-67793-8

No Detections.

Client Sample ID: WAN-WGWC-36D — Lab Sample ID: 705-67793-9

No Detections.

Client Sample ID: WAN-WGWC-31D — Lab Sample ID: 705-67793-10

No Detections.

Client Sample ID: WAN-WGWC-39 — Lab Sample ID: 705-67793-11

No Detections.

Client Sample ID: WAN-WGWC-35D — Lab Sample ID: 705-67793-12

No Detections.

Client Sample ID: WAN-AP1-FB-16 — Lab Sample ID: 705-67793-13

No Detections.

Client Sample ID: WAN-WGWC-36S — Lab Sample ID: 705-67793-14

No Detections.

Client Sample ID: WAN-WGWC-34D — Lab Sample ID: 705-67793-15

No Detections.

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-67465-2

Client Sample ID: WAN-WGWC-33

Lab Sample ID: 705-67465-1
Matrix: Water

Date Collected: 05/18/26 16:23
Date Received: 05/20/26 17:41

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	3.56		0.480	0.577	1.00	0.179	pCi/L	05/29/26 08:20	06/24/26 15:01	1

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	74.4		30 - 110	05/29/26 08:20	06/24/26 15:01	1

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	14.5		1.37	1.91	1.00	0.810	pCi/L	05/29/26 08:37	06/23/26 13:51	1

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	74.4		30 - 110	05/29/26 08:37	06/23/26 13:51	1
Y Carrier	80.7		30 - 110	05/29/26 08:37	06/23/26 13:51	1

Method: Lab SOP Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	18.1		1.45	2.00	5.00	0.810	pCi/L		06/30/26 11:58	1

Client Sample ID: WAN-WGWC-37S

Lab Sample ID: 705-67465-2
Matrix: Water

Date Collected: 05/18/26 14:58
Date Received: 05/20/26 17:41

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	2.62		0.471	0.526	1.00	0.247	pCi/L	05/29/26 08:20	06/24/26 15:01	1

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	84.5		30 - 110	05/29/26 08:20	06/24/26 15:01	1

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	6.68		1.11	1.27	1.00	0.994	pCi/L	05/29/26 08:37	06/23/26 13:51	1

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	84.5		30 - 110	05/29/26 08:37	06/23/26 13:51	1
Y Carrier	78.5		30 - 110	05/29/26 08:37	06/23/26 13:51	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-67465-2

Client Sample ID: WAN-WGWC-37S

Lab Sample ID: 705-67465-2
Matrix: Water

Date Collected: 05/18/26 14:58
Date Received: 05/20/26 17:41

Method: Lab SOP Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	9.30		1.21	1.37	5.00	0.994	pCi/L		06/30/26 11:58	1

Client Sample ID: WAN-WGWC-38D

Lab Sample ID: 705-67465-3
Matrix: Water

Date Collected: 05/18/26 13:30
Date Received: 05/20/26 17:41

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	1.42		0.326	0.350	1.00	0.204	pCi/L	05/29/26 08:20	06/24/26 15:00	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*67.2*		*30 - 110*	*05/29/26 08:20*	*06/24/26 15:00*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	13.2		1.38	1.84	1.00	0.886	pCi/L	05/29/26 08:37	06/23/26 13:51	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*67.2*		*30 - 110*	*05/29/26 08:37*	*06/23/26 13:51*	*1*
Y Carrier	*82.6*		*30 - 110*	*05/29/26 08:37*	*06/23/26 13:51*	*1*

Method: Lab SOP Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	14.6		1.42	1.87	5.00	0.886	pCi/L		06/30/26 11:58	1

Client Sample ID: WAN-AP1-FB-15

Lab Sample ID: 705-67465-4
Matrix: Water

Date Collected: 05/19/26 13:20
Date Received: 05/20/26 17:41

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0147	U	0.108	0.108	1.00	0.219	pCi/L	05/29/26 08:20	06/24/26 15:01	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*71.6*		*30 - 110*	*05/29/26 08:20*	*06/24/26 15:01*	*1*

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-67465-2

Client Sample ID: WAN-AP1-FB-15

Lab Sample ID: 705-67465-4
Matrix: Water

Date Collected: 05/19/26 13:20
Date Received: 05/20/26 17:41

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.0704	U	0.480	0.480	1.00	0.866	pCi/L	05/29/26 08:37	06/23/26 13:50	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*71.6*		*30 - 110*	*05/29/26 08:37*	*06/23/26 13:50*	*1*
Y Carrier	*79.6*		*30 - 110*	*05/29/26 08:37*	*06/23/26 13:50*	*1*

Method: Lab SOP Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.0851	U	0.492	0.492	5.00	0.866	pCi/L		06/30/26 11:58	1

Client Sample ID: WAN-WGWC-40

Lab Sample ID: 705-67465-5
Matrix: Water

Date Collected: 05/19/26 14:47
Date Received: 05/20/26 17:41

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**0.893**		0.321	0.331	1.00	0.263	pCi/L	06/01/26 08:29	06/24/26 17:16	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*66.1*		*30 - 110*	*06/01/26 08:29*	*06/24/26 17:16*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**2.40**		0.760	0.791	1.00	0.922	pCi/L	06/01/26 08:37	06/24/26 12:53	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*66.1*		*30 - 110*	*06/01/26 08:37*	*06/24/26 12:53*	*1*
Y Carrier	*78.1*		*30 - 110*	*06/01/26 08:37*	*06/24/26 12:53*	*1*

Method: Lab SOP Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	**3.29**		0.825	0.857	5.00	0.922	pCi/L		06/30/26 11:58	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-67465-2

Client Sample ID: WAN-WGWC-31S

Lab Sample ID: 705-67465-6
Matrix: Water

Date Collected: 05/19/26 15:59
Date Received: 05/20/26 17:41

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.242	U	0.189	0.190	1.00	0.271	pCi/L	06/01/26 08:29	06/24/26 18:42	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*80.7*		*30 - 110*	*06/01/26 08:29*	*06/24/26 18:42*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.725	U	0.547	0.551	1.00	0.852	pCi/L	06/01/26 08:37	06/24/26 12:54	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*80.7*		*30 - 110*	*06/01/26 08:37*	*06/24/26 12:54*	*1*
Y Carrier	*78.1*		*30 - 110*	*06/01/26 08:37*	*06/24/26 12:54*	*1*

Method: Lab SOP Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	**0.968**		0.579	0.583	5.00	0.852	pCi/L		06/30/26 11:58	1

Client Sample ID: WAN-AP1-EB-09

Lab Sample ID: 705-67465-7
Matrix: Water

Date Collected: 05/19/26 15:00
Date Received: 05/20/26 17:41

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.0302	U	0.137	0.137	1.00	0.305	pCi/L	06/01/26 08:29	06/24/26 18:42	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*73.3*		*30 - 110*	*06/01/26 08:29*	*06/24/26 18:42*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	-0.263	U	0.470	0.470	1.00	0.926	pCi/L	06/01/26 08:37	06/24/26 13:03	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*73.3*		*30 - 110*	*06/01/26 08:37*	*06/24/26 13:03*	*1*
Y Carrier	*75.1*		*30 - 110*	*06/01/26 08:37*	*06/24/26 13:03*	*1*

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-67465-2

Client Sample ID: WAN-AP1-EB-09

Lab Sample ID: 705-67465-7
Date Collected: 05/19/26 15:00
Matrix: Water
Date Received: 05/20/26 17:41

Method: Lab SOP Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	-0.293	U	0.490	0.490	5.00	0.926	pCi/L		06/30/26 11:58	1

Client Sample ID: WAN-WGWC-32

Lab Sample ID: 705-67465-8
Date Collected: 05/19/26 16:34
Matrix: Water
Date Received: 05/20/26 17:41

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**1.76**		0.389	0.420	1.00	0.241	pCi/L	06/01/26 08:29	06/24/26 18:41	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*80.2*		*30 - 110*	*06/01/26 08:29*	*06/24/26 18:41*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**2.39**		0.667	0.703	1.00	0.770	pCi/L	06/01/26 08:37	06/24/26 13:03	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*80.2*		*30 - 110*	*06/01/26 08:37*	*06/24/26 13:03*	*1*
Y Carrier	*77.4*		*30 - 110*	*06/01/26 08:37*	*06/24/26 13:03*	*1*

Method: Lab SOP Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	**4.15**		0.772	0.819	5.00	0.770	pCi/L		06/30/26 11:58	1

Client Sample ID: WAN-AP1-FD-09

Lab Sample ID: 705-67465-9
Date Collected: 05/19/26 00:00
Matrix: Water
Date Received: 05/20/26 17:41

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**1.95**		0.502	0.532	1.00	0.379	pCi/L	06/01/26 08:29	06/24/26 18:42	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*74.4*		*30 - 110*	*06/01/26 08:29*	*06/24/26 18:42*	*1*

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-67465-2

Client Sample ID: WAN-AP1-FD-09

Lab Sample ID: 705-67465-9
Matrix: Water

Date Collected: 05/19/26 00:00
Date Received: 05/20/26 17:41

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	1.79	G	0.805	0.821	1.00	1.11	pCi/L	06/01/26 08:37	06/24/26 13:02	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*74.4*		*30 - 110*	*06/01/26 08:37*	*06/24/26 13:02*	*1*
Y Carrier	*79.6*		*30 - 110*	*06/01/26 08:37*	*06/24/26 13:02*	*1*

Method: Lab SOP Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	3.73		0.949	0.978	5.00	1.11	pCi/L		06/30/26 11:58	1

Client Sample ID: WAN-WGWC-8A

Lab Sample ID: 705-67793-1
Matrix: Water

Date Collected: 05/20/26 11:32
Date Received: 05/22/26 17:43

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.724		0.254	0.262	1.00	0.256	pCi/L	06/02/26 12:27	06/27/26 07:36	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*73.9*		*30 - 110*	*06/02/26 12:27*	*06/27/26 07:36*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	1.25		0.594	0.605	1.00	0.834	pCi/L	06/02/26 12:32	06/26/26 11:37	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*73.9*		*30 - 110*	*06/02/26 12:32*	*06/26/26 11:37*	*1*
Y Carrier	*75.9*		*30 - 110*	*06/02/26 12:32*	*06/26/26 11:37*	*1*

Method: Lab SOP Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	1.97		0.646	0.659	5.00	0.834	pCi/L		06/30/26 11:58	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-67465-2

Client Sample ID: WAN-WGWC-35S

Lab Sample ID: 705-67793-2
Matrix: Water
Date Collected: 05/20/26 14:18
Date Received: 05/22/26 17:43

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0613	U	0.118	0.118	1.00	0.214	pCi/L	06/02/26 12:27	06/27/26 07:36	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*70.4*		*30 - 110*	*06/02/26 12:27*	*06/27/26 07:36*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.276	U	0.487	0.487	1.00	0.833	pCi/L	06/02/26 12:32	06/26/26 11:37	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*70.4*		*30 - 110*	*06/02/26 12:32*	*06/26/26 11:37*	*1*
Y Carrier	*76.6*		*30 - 110*	*06/02/26 12:32*	*06/26/26 11:37*	*1*

Method: Lab SOP Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.338	U	0.501	0.501	5.00	0.833	pCi/L		06/30/26 11:58	1

Client Sample ID: WAN-WGWC-37D

Lab Sample ID: 705-67793-3
Matrix: Water
Date Collected: 05/20/26 13:52
Date Received: 05/22/26 17:43

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**0.402**		0.193	0.196	1.00	0.210	pCi/L	06/02/26 12:27	06/27/26 07:36	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*73.3*		*30 - 110*	*06/02/26 12:27*	*06/27/26 07:36*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**0.887**		0.541	0.547	1.00	0.804	pCi/L	06/02/26 12:32	06/26/26 11:37	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*73.3*		*30 - 110*	*06/02/26 12:32*	*06/26/26 11:37*	*1*
Y Carrier	*80.0*		*30 - 110*	*06/02/26 12:32*	*06/26/26 11:37*	*1*

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-67465-2

Client Sample ID: WAN-WGWC-37D

Lab Sample ID: 705-67793-3
Date Collected: 05/20/26 13:52
Matrix: Water
Date Received: 05/22/26 17:43

Method: Lab SOP Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	1.29		0.574	0.581	5.00	0.804	pCi/L		06/30/26 11:58	1

Client Sample ID: WAN-WGWC-38S

Lab Sample ID: 705-67793-4
Date Collected: 05/20/26 14:04
Matrix: Water
Date Received: 05/22/26 17:43

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.665		0.263	0.269	1.00	0.254	pCi/L	06/02/26 12:27	06/27/26 07:36	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*83.0*		*30 - 110*	*06/02/26 12:27*	*06/27/26 07:36*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	2.05		0.691	0.717	1.00	0.851	pCi/L	06/02/26 12:32	06/26/26 11:37	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*83.0*		*30 - 110*	*06/02/26 12:32*	*06/26/26 11:37*	*1*
Y Carrier	*81.1*		*30 - 110*	*06/02/26 12:32*	*06/26/26 11:37*	*1*

Method: Lab SOP Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	2.71		0.739	0.766	5.00	0.851	pCi/L		06/30/26 11:58	1

Client Sample ID: WAN-AP1-EB-10

Lab Sample ID: 705-67793-5
Date Collected: 05/20/26 11:40
Matrix: Water
Date Received: 05/22/26 17:43

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0336	U	0.0939	0.0939	1.00	0.182	pCi/L	06/02/26 12:27	06/27/26 07:36	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*79.9*		*30 - 110*	*06/02/26 12:27*	*06/27/26 07:36*	*1*

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-67465-2

Client Sample ID: WAN-AP1-EB-10

Lab Sample ID: 705-67793-5
Date Collected: 05/20/26 11:40
Matrix: Water
Date Received: 05/22/26 17:43

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.542	U	0.431	0.434	1.00	0.672	pCi/L	06/02/26 12:32	06/26/26 11:37	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*79.9*		*30 - 110*	*06/02/26 12:32*	*06/26/26 11:37*	*1*
Y Carrier	*80.7*		*30 - 110*	*06/02/26 12:32*	*06/26/26 11:37*	*1*

Method: Lab SOP Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.575	U	0.441	0.444	5.00	0.672	pCi/L		06/30/26 11:58	1

Client Sample ID: WAN-AP1-FD-10

Lab Sample ID: 705-67793-6
Date Collected: 05/21/26 00:00
Matrix: Water
Date Received: 05/22/26 17:43

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0263	U	0.102	0.102	1.00	0.203	pCi/L	06/02/26 12:27	06/27/26 07:36	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*82.5*		*30 - 110*	*06/02/26 12:27*	*06/27/26 07:36*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**1.03**		0.502	0.510	1.00	0.710	pCi/L	06/02/26 12:32	06/26/26 11:37	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*82.5*		*30 - 110*	*06/02/26 12:32*	*06/26/26 11:37*	*1*
Y Carrier	*79.6*		*30 - 110*	*06/02/26 12:32*	*06/26/26 11:37*	*1*

Method: Lab SOP Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	**1.05**		0.512	0.520	5.00	0.710	pCi/L		06/30/26 11:58	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-67465-2

Client Sample ID: WAN-WGWC-30

Lab Sample ID: 705-67793-7
Matrix: Water

Date Collected: 05/21/26 12:25
Date Received: 05/22/26 17:43

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.118	U	0.122	0.122	1.00	0.189	pCi/L	06/02/26 12:27	06/27/26 07:35	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*80.2*		*30 - 110*	*06/02/26 12:27*	*06/27/26 07:35*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**0.817**		0.457	0.464	1.00	0.659	pCi/L	06/02/26 12:32	06/26/26 11:37	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*80.2*		*30 - 110*	*06/02/26 12:32*	*06/26/26 11:37*	*1*
Y Carrier	*78.5*		*30 - 110*	*06/02/26 12:32*	*06/26/26 11:37*	*1*

Method: Lab SOP Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	**0.935**		0.473	0.480	5.00	0.659	pCi/L		06/30/26 11:58	1

Client Sample ID: WAN-WGWC-34S

Lab Sample ID: 705-67793-8
Matrix: Water

Date Collected: 05/21/26 11:11
Date Received: 05/22/26 17:43

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.0732	U	0.0869	0.0871	1.00	0.240	pCi/L	06/02/26 12:27	06/27/26 07:36	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*70.7*		*30 - 110*	*06/02/26 12:27*	*06/27/26 07:36*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**0.865**		0.529	0.535	1.00	0.782	pCi/L	06/02/26 12:32	06/26/26 11:37	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*70.7*		*30 - 110*	*06/02/26 12:32*	*06/26/26 11:37*	*1*
Y Carrier	*80.0*		*30 - 110*	*06/02/26 12:32*	*06/26/26 11:37*	*1*

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-67465-2

Client Sample ID: WAN-WGWC-34S

Lab Sample ID: 705-67793-8
Date Collected: 05/21/26 11:11
Matrix: Water
Date Received: 05/22/26 17:43

Method: Lab SOP Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.792		0.536	0.542	5.00	0.782	pCi/L		06/30/26 11:58	1

Client Sample ID: WAN-WGWC-36D

Lab Sample ID: 705-67793-9
Date Collected: 05/21/26 13:27
Matrix: Water
Date Received: 05/22/26 17:43

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.0522	U	0.0928	0.0929	1.00	0.243	pCi/L	06/02/26 12:27	06/27/26 09:59	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*62.9*		*30 - 110*	*06/02/26 12:27*	*06/27/26 09:59*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	1.43		0.613	0.627	1.00	0.825	pCi/L	06/02/26 12:32	06/26/26 11:37	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*62.9*		*30 - 110*	*06/02/26 12:32*	*06/26/26 11:37*	*1*
Y Carrier	*82.6*		*30 - 110*	*06/02/26 12:32*	*06/26/26 11:37*	*1*

Method: Lab SOP Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	1.38		0.620	0.634	5.00	0.825	pCi/L		06/30/26 11:58	1

Client Sample ID: WAN-WGWC-31D

Lab Sample ID: 705-67793-10
Date Collected: 05/21/26 10:23
Matrix: Water
Date Received: 05/22/26 17:43

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.00913	U	0.126	0.126	1.00	0.271	pCi/L	06/02/26 12:27	06/27/26 10:00	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*72.1*		*30 - 110*	*06/02/26 12:27*	*06/27/26 10:00*	*1*

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-67465-2

Client Sample ID: WAN-WGWC-31D

Lab Sample ID: 705-67793-10
Date Collected: 05/21/26 10:23
Matrix: Water
Date Received: 05/22/26 17:43

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	1.13		0.680	0.688	1.00	1.00	pCi/L	06/02/26 12:32	06/26/26 11:37	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*72.1*		*30 - 110*	*06/02/26 12:32*	*06/26/26 11:37*	*1*
Y Carrier	*82.2*		*30 - 110*	*06/02/26 12:32*	*06/26/26 11:37*	*1*

Method: Lab SOP Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	1.14		0.692	0.699	5.00	1.00	pCi/L		06/30/26 11:58	1

Client Sample ID: WAN-WGWC-39

Lab Sample ID: 705-67793-11
Date Collected: 05/22/26 09:59
Matrix: Water
Date Received: 05/22/26 17:43

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.358		0.163	0.166	1.00	0.172	pCi/L	06/02/26 12:27	06/27/26 09:59	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*88.5*		*30 - 110*	*06/02/26 12:27*	*06/27/26 09:59*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	1.24		0.475	0.488	1.00	0.618	pCi/L	06/02/26 12:32	06/26/26 11:37	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*88.5*		*30 - 110*	*06/02/26 12:32*	*06/26/26 11:37*	*1*
Y Carrier	*80.7*		*30 - 110*	*06/02/26 12:32*	*06/26/26 11:37*	*1*

Method: Lab SOP Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	1.60		0.502	0.515	5.00	0.618	pCi/L		06/30/26 11:58	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-67465-2

Client Sample ID: WAN-WGWC-35D

Lab Sample ID: 705-67793-12
Matrix: Water
Date Collected: 05/22/26 10:36
Date Received: 05/22/26 17:43

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0185	U	0.0926	0.0926	1.00	0.191	pCi/L	06/02/26 12:27	06/27/26 10:00	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*72.7*		*30 - 110*	*06/02/26 12:27*	*06/27/26 10:00*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**0.926**		0.524	0.530	1.00	0.756	pCi/L	06/02/26 12:32	06/26/26 11:37	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*72.7*		*30 - 110*	*06/02/26 12:32*	*06/26/26 11:37*	*1*
Y Carrier	*79.6*		*30 - 110*	*06/02/26 12:32*	*06/26/26 11:37*	*1*

Method: Lab SOP Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	**0.945**		0.532	0.538	5.00	0.756	pCi/L		06/30/26 12:00	1

Client Sample ID: WAN-AP1-FB-16

Lab Sample ID: 705-67793-13
Matrix: Water
Date Collected: 05/22/26 10:50
Date Received: 05/22/26 17:43

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0477	U	0.0916	0.0917	1.00	0.167	pCi/L	06/02/26 12:27	06/27/26 09:59	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*89.4*		*30 - 110*	*06/02/26 12:27*	*06/27/26 09:59*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.171	U	0.336	0.337	1.00	0.583	pCi/L	06/02/26 12:32	06/26/26 11:37	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*89.4*		*30 - 110*	*06/02/26 12:32*	*06/26/26 11:37*	*1*
Y Carrier	*81.1*		*30 - 110*	*06/02/26 12:32*	*06/26/26 11:37*	*1*

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-67465-2

Client Sample ID: WAN-AP1-FB-16

Lab Sample ID: 705-67793-13
Date Collected: 05/22/26 10:50
Matrix: Water
Date Received: 05/22/26 17:43

Method: Lab SOP Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.218	U	0.348	0.349	5.00	0.583	pCi/L		06/30/26 12:00	1

Client Sample ID: WAN-WGWC-36S

Lab Sample ID: 705-67793-14
Date Collected: 05/22/26 13:44
Matrix: Water
Date Received: 05/22/26 17:43

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0896	U	0.121	0.121	1.00	0.204	pCi/L	06/02/26 12:27	06/27/26 09:59	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*82.2*		*30 - 110*	*06/02/26 12:27*	*06/27/26 09:59*	*1*

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**0.830**		0.437	0.443	1.00	0.615	pCi/L	06/02/26 12:32	06/26/26 11:36	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*82.2*		*30 - 110*	*06/02/26 12:32*	*06/26/26 11:36*	*1*
Y Carrier	*79.6*		*30 - 110*	*06/02/26 12:32*	*06/26/26 11:36*	*1*

Method: Lab SOP Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	**0.919**		0.453	0.459	5.00	0.615	pCi/L		06/30/26 12:00	1

Client Sample ID: WAN-WGWC-34D

Lab Sample ID: 705-67793-15
Date Collected: 05/22/26 13:53
Matrix: Water
Date Received: 05/22/26 17:43

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**0.136**		0.0982	0.0990	1.00	0.125	pCi/L	06/02/26 12:27	06/28/26 13:49	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*76.7*		*30 - 110*	*06/02/26 12:27*	*06/28/26 13:49*	*1*

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-67465-2

Client Sample ID: WAN-WGWC-34D

Lab Sample ID: 705-67793-15

Date Collected: 05/22/26 13:53
Date Received: 05/22/26 17:43

Matrix: Water

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	1.18		0.581	0.591	1.00	0.836	pCi/L	06/02/26 12:32	06/26/26 11:37	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*76.7*		*30 - 110*	*06/02/26 12:32*	*06/26/26 11:37*	*1*
Y Carrier	*80.0*		*30 - 110*	*06/02/26 12:32*	*06/26/26 11:37*	*1*

Method: Lab SOP Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	1.31		0.589	0.599	5.00	0.836	pCi/L		06/30/26 12:00	1

Tracer/Carrier Summary

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-67465-2

Method: 9315 - Radium-226 (GFPC)

Matrix: Water **Prep Type: Total/NA**

		Percent Yield (Acceptance Limits)						
Lab Sample ID	Client Sample ID	Ba (30-110)						
240-251440-E-1-A DU	Duplicate	71.6						
500-286669-L-6-B DU	Duplicate	82.5						
705-67465-1	WAN-WGWC-33	74.4						
705-67465-2	WAN-WGWC-37S	84.5						
705-67465-3	WAN-WGWC-38D	67.2						
705-67465-4	WAN-AP1-FB-15	71.6						
705-67465-5	WAN-WGWC-40	66.1						
705-67465-6	WAN-WGWC-31S	80.7						
705-67465-7	WAN-AP1-EB-09	73.3						
705-67465-8	WAN-WGWC-32	80.2						
705-67465-9	WAN-AP1-FD-09	74.4						
705-67793-1	WAN-WGWC-8A	73.9						
705-67793-2	WAN-WGWC-35S	70.4						
705-67793-3	WAN-WGWC-37D	73.3						
705-67793-4	WAN-WGWC-38S	83.0						
705-67793-5	WAN-AP1-EB-10	79.9						
705-67793-6	WAN-AP1-FD-10	82.5						
705-67793-7	WAN-WGWC-30	80.2						
705-67793-8	WAN-WGWC-34S	70.7						
705-67793-9	WAN-WGWC-36D	62.9						
705-67793-10	WAN-WGWC-31D	72.1						
705-67793-11	WAN-WGWC-39	88.5						
705-67793-11 DU	WAN-WGWC-39	83.6						
705-67793-12	WAN-WGWC-35D	72.7						
705-67793-13	WAN-AP1-FB-16	89.4						
705-67793-14	WAN-WGWC-36S	82.2						
705-67793-15	WAN-WGWC-34D	76.7						
LCS 160-773303/2-A	Lab Control Sample	80.2						
LCS 160-773859/2-A	Lab Control Sample	73.0						
LCS 160-774092/2-A	Lab Control Sample	81.0						
MB 160-773303/1-A	Method Blank	77.9						
MB 160-773859/1-A	Method Blank	79.3						
MB 160-774092/1-A	Method Blank	81.3						

Tracer/Carrier Legend

Ba = Ba Carrier

Method: 9320 - Radium-228 (GFPC)

Matrix: Water **Prep Type: Total/NA**

		Percent Yield (Acceptance Limits)						
Lab Sample ID	Client Sample ID	Ba (30-110)	Y (30-110)					
240-251440-E-1-B DU	Duplicate	71.6	75.9					
500-286669-L-6-C DU	Duplicate	82.5	83.0					
705-67465-1	WAN-WGWC-33	74.4	80.7					
705-67465-2	WAN-WGWC-37S	84.5	78.5					
705-67465-3	WAN-WGWC-38D	67.2	82.6					
705-67465-4	WAN-AP1-FB-15	71.6	79.6					
705-67465-5	WAN-WGWC-40	66.1	78.1					

Tracer/Carrier Summary

Client: Southern Company
Job ID: 705-67465-2
Project/Site: Plant Wansley - Ash Pond

Method: 9320 - Radium-228 (GFPC) (Continued)

Matrix: Water **Prep Type: Total/NA**

		Percent Yield (Acceptance Limits)									
Lab Sample ID	Client Sample ID	Ba (30-110)	Y (30-110)								
705-67465-6	WAN-WGWC-31S	80.7	78.1								
705-67465-7	WAN-AP1-EB-09	73.3	75.1								
705-67465-8	WAN-WGWC-32	80.2	77.4								
705-67465-9	WAN-AP1-FD-09	74.4	79.6								
705-67793-1	WAN-WGWC-8A	73.9	75.9								
705-67793-2	WAN-WGWC-35S	70.4	76.6								
705-67793-3	WAN-WGWC-37D	73.3	80.0								
705-67793-4	WAN-WGWC-38S	83.0	81.1								
705-67793-5	WAN-AP1-EB-10	79.9	80.7								
705-67793-6	WAN-AP1-FD-10	82.5	79.6								
705-67793-7	WAN-WGWC-30	80.2	78.5								
705-67793-8	WAN-WGWC-34S	70.7	80.0								
705-67793-9	WAN-WGWC-36D	62.9	82.6								
705-67793-10	WAN-WGWC-31D	72.1	82.2								
705-67793-11	WAN-WGWC-39	88.5	80.7								
705-67793-11 DU	WAN-WGWC-39	83.6	84.9								
705-67793-12	WAN-WGWC-35D	72.7	79.6								
705-67793-13	WAN-AP1-FB-16	89.4	81.1								
705-67793-14	WAN-WGWC-36S	82.2	79.6								
705-67793-15	WAN-WGWC-34D	76.7	80.0								
LCS 160-773304/2-A	Lab Control Sample	80.2	82.2								
LCS 160-773860/2-A	Lab Control Sample	73.0	78.9								
LCS 160-774093/2-A	Lab Control Sample	81.0	84.1								
MB 160-773304/1-A	Method Blank	77.9	84.1								
MB 160-773860/1-A	Method Blank	79.3	80.7								
MB 160-774093/1-A	Method Blank	81.3	83.4								

Tracer/Carrier Legend

Ba = Ba Carrier

Y = Y Carrier

Method Summary

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-67465-2

Method	Method Description	Protocol	Laboratory
9315	Radium-226 (GFPC)	SW846	EET SL
9320	Radium-228 (GFPC)	SW846	EET SL
Ra226_Ra228	Combined Radium-226 and Radium-228	Lab SOP	EET SL
PrecSep_0	Preparation, Precipitate Separation	None	EET SL
PrecSep-21	Preparation, Precipitate Separation (21-Day In-Growth)	None	EET SL

Protocol References:

Lab SOP = Laboratory Standard Operating Procedure

None = None

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

Laboratory References:

EET SL = Eurofins St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566

Method: 9315 - Radium-226 (GFPC)

Lab Sample ID: MB 160-773303/1-A
Matrix: Water
Analysis Batch: 777709

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 773303

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.02296	U	0.0852	0.0852	1.00	0.203	pCi/L	05/29/26 08:20	06/24/26 13:14	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*77.9*		*30 - 110*	*05/29/26 08:20*	*06/24/26 13:14*	*1*

Lab Sample ID: LCS 160-773303/2-A
Matrix: Water
Analysis Batch: 777709

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 773303

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-226			9.57	9.596		1.15	1.00	0.179	pCi/L	100	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*80.2*		*30 - 110*

Lab Sample ID: 500-286669-L-6-B DU
Matrix: Water
Analysis Batch: 777709

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 773303

Analyte	Sample Result	Sample Qual		DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit			RER	RER Limit
Radium-226	0.00374	U		0.2391		0.150	1.00	0.194	pCi/L			0.93	1

Carrier	*DU %Yield*	*DU Qualifier*	*Limits*
Ba Carrier	*82.5*		*30 - 110*

Lab Sample ID: MB 160-773859/1-A
Matrix: Water
Analysis Batch: 777556

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 773859

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.06781	U	0.146	0.146	1.00	0.347	pCi/L	06/01/26 08:29	06/24/26 17:12	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*79.3*		*30 - 110*	*06/01/26 08:29*	*06/24/26 17:12*	*1*

Lab Sample ID: LCS 160-773859/2-A
Matrix: Water
Analysis Batch: 777556

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 773859

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-226			9.57	10.60		1.45	1.00	0.371	pCi/L	111	75 - 125		

Method: 9315 - Radium-226 (GFPC) (Continued)

Lab Sample ID: LCS 160-773859/2-A
Matrix: Water
Analysis Batch: 777556

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 773859

Carrier	LCS %Yield	LCS Qualifier	Limits
Ba Carrier	73.0		30 - 110

Lab Sample ID: 240-251440-E-1-A DU
Matrix: Water
Analysis Batch: 777709

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 773859

Analyte	Sample Result	Sample Qual		DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit			RER	RER Limit
Radium-226	0.0470	U		0.04769	U	0.135	1.00	0.260	pCi/L			0	1

Carrier	DU %Yield	DU Qualifier	Limits
Ba Carrier	71.6		30 - 110

Lab Sample ID: MB 160-774092/1-A
Matrix: Water
Analysis Batch: 778171

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 774092

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.04516	U	0.121	0.121	1.00	0.226	pCi/L	06/02/26 12:27	06/27/26 07:35	1

Carrier	MB %Yield	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	81.3		30 - 110	06/02/26 12:27	06/27/26 07:35	1

Lab Sample ID: LCS 160-774092/2-A
Matrix: Water
Analysis Batch: 778171

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 774092

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-226			9.57	8.114		1.03	1.00	0.193	pCi/L	85	75 - 125		

Carrier	LCS %Yield	LCS Qualifier	Limits
Ba Carrier	81.0		30 - 110

Lab Sample ID: 705-67793-11 DU
Matrix: Water
Analysis Batch: 778171

Client Sample ID: WAN-WGWC-39
Prep Type: Total/NA
Prep Batch: 774092

Analyte	Sample Result	Sample Qual		DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit			RER	RER Limit
Radium-226	0.358			0.4061		0.182	1.00	0.184	pCi/L			0.14	1

Carrier	DU %Yield	DU Qualifier	Limits
Ba Carrier	83.6		30 - 110

QC Sample Results

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-67465-2

Method: 9320 - Radium-228 (GFPC)

Lab Sample ID: MB 160-773304/1-A
Matrix: Water
Analysis Batch: 777492

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 773304

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.3616	U	0.383	0.385	1.00	0.623	pCi/L	05/29/26 08:37	06/23/26 13:44	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*77.9*		*30 - 110*	*05/29/26 08:37*	*06/23/26 13:44*	*1*
Y Carrier	*84.1*		*30 - 110*	*05/29/26 08:37*	*06/23/26 13:44*	*1*

Lab Sample ID: LCS 160-773304/2-A
Matrix: Water
Analysis Batch: 777492

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 773304

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-228			9.03	9.573		1.34	1.00	0.563	pCi/L	106	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*80.2*		*30 - 110*
Y Carrier	*82.2*		*30 - 110*

Lab Sample ID: 500-286669-L-6-C DU
Matrix: Water
Analysis Batch: 777492

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 773304

Analyte	Sample Result	Sample Qual		DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit			RER	RER Limit
Radium-228	0.639	U		0.8106		0.410	1.00	0.554	pCi/L			0.19	1

Carrier	*DU %Yield*	*DU Qualifier*	*Limits*
Ba Carrier	*82.5*		*30 - 110*
Y Carrier	*83.0*		*30 - 110*

Lab Sample ID: MB 160-773860/1-A
Matrix: Water
Analysis Batch: 777707

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 773860

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.1540	U	0.430	0.430	1.00	0.756	pCi/L	06/01/26 08:37	06/24/26 12:54	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*79.3*		*30 - 110*	*06/01/26 08:37*	*06/24/26 12:54*	*1*
Y Carrier	*80.7*		*30 - 110*	*06/01/26 08:37*	*06/24/26 12:54*	*1*

Method: 9320 - Radium-228 (GFPC) (Continued)

Lab Sample ID: LCS 160-773860/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 777707 — **Prep Batch: 773860**

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-228			9.03	11.82		1.70	1.00	0.932	pCi/L	131	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*73.0*		*30 - 110*
Y Carrier	*78.9*		*30 - 110*

Lab Sample ID: 240-251440-E-1-B DU — **Client Sample ID: Duplicate**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 777556 — **Prep Batch: 773860**

Analyte	Sample Result	Sample Qual		DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit			RER	RER Limit
Radium-228	-0.370	U G		-0.07087	U G	0.553	1.00	1.07	pCi/L			0.27	1

Carrier	*DU %Yield*	*DU Qualifier*	*Limits*
Ba Carrier	*71.6*		*30 - 110*
Y Carrier	*75.9*		*30 - 110*

Lab Sample ID: MB 160-774093/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 778084 — **Prep Batch: 774093**

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.5527	U	0.446	0.449	1.00	0.700	pCi/L	06/02/26 12:32	06/26/26 11:37	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*81.3*		*30 - 110*	*06/02/26 12:32*	*06/26/26 11:37*	*1*
Y Carrier	*83.4*		*30 - 110*	*06/02/26 12:32*	*06/26/26 11:37*	*1*

Lab Sample ID: LCS 160-774093/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 778084 — **Prep Batch: 774093**

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-228			9.02	9.131		1.31	1.00	0.651	pCi/L	101	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*81.0*		*30 - 110*
Y Carrier	*84.1*		*30 - 110*

Method: 9320 - Radium-228 (GFPC) (Continued)

Lab Sample ID: 705-67793-11 DU
Matrix: Water
Analysis Batch: 778084

Client Sample ID: WAN-WGWC-39
Prep Type: Total/NA
Prep Batch: 774093

Analyte	Sample Result	Sample Qual		DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit			RER	RER Limit
Radium-228	1.24			1.718		0.558	1.00	0.656	pCi/L			0.45	1

Carrier	*DU %Yield*	*DU Qualifier*	*Limits*
Ba Carrier	*83.6*		*30 - 110*
Y Carrier	*84.9*		*30 - 110*

QC Association Summary

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-67465-2

Rad

Prep Batch: 773303

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-67465-1	WAN-WGWC-33	Total/NA	Water	PrecSep-21	
705-67465-2	WAN-WGWC-37S	Total/NA	Water	PrecSep-21	
705-67465-3	WAN-WGWC-38D	Total/NA	Water	PrecSep-21	
705-67465-4	WAN-AP1-FB-15	Total/NA	Water	PrecSep-21	
MB 160-773303/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-773303/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	
500-286669-L-6-B DU	Duplicate	Total/NA	Water	PrecSep-21	

Prep Batch: 773304

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-67465-1	WAN-WGWC-33	Total/NA	Water	PrecSep_0	
705-67465-2	WAN-WGWC-37S	Total/NA	Water	PrecSep_0	
705-67465-3	WAN-WGWC-38D	Total/NA	Water	PrecSep_0	
705-67465-4	WAN-AP1-FB-15	Total/NA	Water	PrecSep_0	
MB 160-773304/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-773304/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	
500-286669-L-6-C DU	Duplicate	Total/NA	Water	PrecSep_0	

Prep Batch: 773859

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-67465-5	WAN-WGWC-40	Total/NA	Water	PrecSep-21	
705-67465-6	WAN-WGWC-31S	Total/NA	Water	PrecSep-21	
705-67465-7	WAN-AP1-EB-09	Total/NA	Water	PrecSep-21	
705-67465-8	WAN-WGWC-32	Total/NA	Water	PrecSep-21	
705-67465-9	WAN-AP1-FD-09	Total/NA	Water	PrecSep-21	
MB 160-773859/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-773859/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	
240-251440-E-1-A DU	Duplicate	Total/NA	Water	PrecSep-21	

Prep Batch: 773860

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-67465-5	WAN-WGWC-40	Total/NA	Water	PrecSep_0	
705-67465-6	WAN-WGWC-31S	Total/NA	Water	PrecSep_0	
705-67465-7	WAN-AP1-EB-09	Total/NA	Water	PrecSep_0	
705-67465-8	WAN-WGWC-32	Total/NA	Water	PrecSep_0	
705-67465-9	WAN-AP1-FD-09	Total/NA	Water	PrecSep_0	
MB 160-773860/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-773860/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	
240-251440-E-1-B DU	Duplicate	Total/NA	Water	PrecSep_0	

Prep Batch: 774092

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-67793-1	WAN-WGWC-8A	Total/NA	Water	PrecSep-21	
705-67793-2	WAN-WGWC-35S	Total/NA	Water	PrecSep-21	
705-67793-3	WAN-WGWC-37D	Total/NA	Water	PrecSep-21	
705-67793-4	WAN-WGWC-38S	Total/NA	Water	PrecSep-21	
705-67793-5	WAN-AP1-EB-10	Total/NA	Water	PrecSep-21	
705-67793-6	WAN-AP1-FD-10	Total/NA	Water	PrecSep-21	
705-67793-7	WAN-WGWC-30	Total/NA	Water	PrecSep-21	
705-67793-8	WAN-WGWC-34S	Total/NA	Water	PrecSep-21	
705-67793-9	WAN-WGWC-36D	Total/NA	Water	PrecSep-21	

Rad (Continued)

Prep Batch: 774092 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-67793-10	WAN-WGWC-31D	Total/NA	Water	PrecSep-21	
705-67793-11	WAN-WGWC-39	Total/NA	Water	PrecSep-21	
705-67793-12	WAN-WGWC-35D	Total/NA	Water	PrecSep-21	
705-67793-13	WAN-AP1-FB-16	Total/NA	Water	PrecSep-21	
705-67793-14	WAN-WGWC-36S	Total/NA	Water	PrecSep-21	
705-67793-15	WAN-WGWC-34D	Total/NA	Water	PrecSep-21	
MB 160-774092/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-774092/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	
705-67793-11 DU	WAN-WGWC-39	Total/NA	Water	PrecSep-21	

Prep Batch: 774093

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-67793-1	WAN-WGWC-8A	Total/NA	Water	PrecSep_0	
705-67793-2	WAN-WGWC-35S	Total/NA	Water	PrecSep_0	
705-67793-3	WAN-WGWC-37D	Total/NA	Water	PrecSep_0	
705-67793-4	WAN-WGWC-38S	Total/NA	Water	PrecSep_0	
705-67793-5	WAN-AP1-EB-10	Total/NA	Water	PrecSep_0	
705-67793-6	WAN-AP1-FD-10	Total/NA	Water	PrecSep_0	
705-67793-7	WAN-WGWC-30	Total/NA	Water	PrecSep_0	
705-67793-8	WAN-WGWC-34S	Total/NA	Water	PrecSep_0	
705-67793-9	WAN-WGWC-36D	Total/NA	Water	PrecSep_0	
705-67793-10	WAN-WGWC-31D	Total/NA	Water	PrecSep_0	
705-67793-11	WAN-WGWC-39	Total/NA	Water	PrecSep_0	
705-67793-12	WAN-WGWC-35D	Total/NA	Water	PrecSep_0	
705-67793-13	WAN-AP1-FB-16	Total/NA	Water	PrecSep_0	
705-67793-14	WAN-WGWC-36S	Total/NA	Water	PrecSep_0	
705-67793-15	WAN-WGWC-34D	Total/NA	Water	PrecSep_0	
MB 160-774093/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-774093/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	
705-67793-11 DU	WAN-WGWC-39	Total/NA	Water	PrecSep_0	

Lab Chronicle

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-67465-2

Client Sample ID: WAN-WGWC-33

Lab Sample ID: 705-67465-1
Date Collected: 05/18/26 16:23
Matrix: Water
Date Received: 05/20/26 17:41

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			773303	ASL	EET SL	05/29/26 08:20
Total/NA	Analysis	9315		1	777709	SWS	EET SL	06/24/26 15:01
Total/NA	Prep	PrecSep_0			773304	ASL	EET SL	05/29/26 08:37
Total/NA	Analysis	9320		1	777478	SWS	EET SL	06/23/26 13:51
Total/NA	Analysis	Ra226_Ra228		1	778814	EMH	EET SL	06/30/26 11:58

Client Sample ID: WAN-WGWC-37S

Lab Sample ID: 705-67465-2
Date Collected: 05/18/26 14:58
Matrix: Water
Date Received: 05/20/26 17:41

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			773303	ASL	EET SL	05/29/26 08:20
Total/NA	Analysis	9315		1	777709	SWS	EET SL	06/24/26 15:01
Total/NA	Prep	PrecSep_0			773304	ASL	EET SL	05/29/26 08:37
Total/NA	Analysis	9320		1	777478	SWS	EET SL	06/23/26 13:51
Total/NA	Analysis	Ra226_Ra228		1	778814	EMH	EET SL	06/30/26 11:58

Client Sample ID: WAN-WGWC-38D

Lab Sample ID: 705-67465-3
Date Collected: 05/18/26 13:30
Matrix: Water
Date Received: 05/20/26 17:41

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			773303	ASL	EET SL	05/29/26 08:20
Total/NA	Analysis	9315		1	777709	SWS	EET SL	06/24/26 15:00
Total/NA	Prep	PrecSep_0			773304	ASL	EET SL	05/29/26 08:37
Total/NA	Analysis	9320		1	777478	SWS	EET SL	06/23/26 13:51
Total/NA	Analysis	Ra226_Ra228		1	778814	EMH	EET SL	06/30/26 11:58

Client Sample ID: WAN-AP1-FB-15

Lab Sample ID: 705-67465-4
Date Collected: 05/19/26 13:20
Matrix: Water
Date Received: 05/20/26 17:41

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			773303	ASL	EET SL	05/29/26 08:20
Total/NA	Analysis	9315		1	777709	SWS	EET SL	06/24/26 15:01
Total/NA	Prep	PrecSep_0			773304	ASL	EET SL	05/29/26 08:37
Total/NA	Analysis	9320		1	777478	SWS	EET SL	06/23/26 13:50
Total/NA	Analysis	Ra226_Ra228		1	778814	EMH	EET SL	06/30/26 11:58

Lab Chronicle

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-67465-2

Client Sample ID: WAN-WGWC-40

Lab Sample ID: 705-67465-5
Date Collected: 05/19/26 14:47
Matrix: Water
Date Received: 05/20/26 17:41

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			773859	ASL	EET SL	06/01/26 08:29
Total/NA	Analysis	9315		1	777707	SWS	EET SL	06/24/26 17:16
Total/NA	Prep	PrecSep_0			773860	ASL	EET SL	06/01/26 08:37
Total/NA	Analysis	9320		1	777707	SWS	EET SL	06/24/26 12:53
Total/NA	Analysis	Ra226_Ra228		1	778814	EMH	EET SL	06/30/26 11:58

Client Sample ID: WAN-WGWC-31S

Lab Sample ID: 705-67465-6
Date Collected: 05/19/26 15:59
Matrix: Water
Date Received: 05/20/26 17:41

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			773859	ASL	EET SL	06/01/26 08:29
Total/NA	Analysis	9315		1	777709	SWS	EET SL	06/24/26 18:42
Total/NA	Prep	PrecSep_0			773860	ASL	EET SL	06/01/26 08:37
Total/NA	Analysis	9320		1	777707	SWS	EET SL	06/24/26 12:54
Total/NA	Analysis	Ra226_Ra228		1	778814	EMH	EET SL	06/30/26 11:58

Client Sample ID: WAN-AP1-EB-09

Lab Sample ID: 705-67465-7
Date Collected: 05/19/26 15:00
Matrix: Water
Date Received: 05/20/26 17:41

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			773859	ASL	EET SL	06/01/26 08:29
Total/NA	Analysis	9315		1	777709	SWS	EET SL	06/24/26 18:42
Total/NA	Prep	PrecSep_0			773860	ASL	EET SL	06/01/26 08:37
Total/NA	Analysis	9320		1	777709	SWS	EET SL	06/24/26 13:03
Total/NA	Analysis	Ra226_Ra228		1	778814	EMH	EET SL	06/30/26 11:58

Client Sample ID: WAN-WGWC-32

Lab Sample ID: 705-67465-8
Date Collected: 05/19/26 16:34
Matrix: Water
Date Received: 05/20/26 17:41

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			773859	ASL	EET SL	06/01/26 08:29
Total/NA	Analysis	9315		1	777709	SWS	EET SL	06/24/26 18:41
Total/NA	Prep	PrecSep_0			773860	ASL	EET SL	06/01/26 08:37
Total/NA	Analysis	9320		1	777709	SWS	EET SL	06/24/26 13:03
Total/NA	Analysis	Ra226_Ra228		1	778814	EMH	EET SL	06/30/26 11:58

Lab Chronicle

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-67465-2

Client Sample ID: WAN-AP1-FD-09

Lab Sample ID: 705-67465-9
Date Collected: 05/19/26 00:00
Matrix: Water
Date Received: 05/20/26 17:41

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			773859	ASL	EET SL	06/01/26 08:29
Total/NA	Analysis	9315		1	777709	SWS	EET SL	06/24/26 18:42
Total/NA	Prep	PrecSep_0			773860	ASL	EET SL	06/01/26 08:37
Total/NA	Analysis	9320		1	777709	SWS	EET SL	06/24/26 13:02
Total/NA	Analysis	Ra226_Ra228		1	778814	EMH	EET SL	06/30/26 11:58

Client Sample ID: WAN-WGWC-8A

Lab Sample ID: 705-67793-1
Date Collected: 05/20/26 11:32
Matrix: Water
Date Received: 05/22/26 17:43

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			774092	VLQ	EET SL	06/02/26 12:27
Total/NA	Analysis	9315		1	778171	SWS	EET SL	06/27/26 07:36
Total/NA	Prep	PrecSep_0			774093	VLQ	EET SL	06/02/26 12:32
Total/NA	Analysis	9320		1	778084	SWS	EET SL	06/26/26 11:37
Total/NA	Analysis	Ra226_Ra228		1	778814	EMH	EET SL	06/30/26 11:58

Client Sample ID: WAN-WGWC-35S

Lab Sample ID: 705-67793-2
Date Collected: 05/20/26 14:18
Matrix: Water
Date Received: 05/22/26 17:43

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			774092	VLQ	EET SL	06/02/26 12:27
Total/NA	Analysis	9315		1	778171	SWS	EET SL	06/27/26 07:36
Total/NA	Prep	PrecSep_0			774093	VLQ	EET SL	06/02/26 12:32
Total/NA	Analysis	9320		1	778084	SWS	EET SL	06/26/26 11:37
Total/NA	Analysis	Ra226_Ra228		1	778814	EMH	EET SL	06/30/26 11:58

Client Sample ID: WAN-WGWC-37D

Lab Sample ID: 705-67793-3
Date Collected: 05/20/26 13:52
Matrix: Water
Date Received: 05/22/26 17:43

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			774092	VLQ	EET SL	06/02/26 12:27
Total/NA	Analysis	9315		1	778171	SWS	EET SL	06/27/26 07:36
Total/NA	Prep	PrecSep_0			774093	VLQ	EET SL	06/02/26 12:32
Total/NA	Analysis	9320		1	778084	SWS	EET SL	06/26/26 11:37
Total/NA	Analysis	Ra226_Ra228		1	778814	EMH	EET SL	06/30/26 11:58

Lab Chronicle

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-67465-2

Client Sample ID: WAN-WGWC-38S
Lab Sample ID: 705-67793-4

Date Collected: 05/20/26 14:04
Matrix: Water
Date Received: 05/22/26 17:43

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			774092	VLQ	EET SL	06/02/26 12:27
Total/NA	Analysis	9315		1	778171	SWS	EET SL	06/27/26 07:36
Total/NA	Prep	PrecSep_0			774093	VLQ	EET SL	06/02/26 12:32
Total/NA	Analysis	9320		1	778084	SWS	EET SL	06/26/26 11:37
Total/NA	Analysis	Ra226_Ra228		1	778814	EMH	EET SL	06/30/26 11:58

Client Sample ID: WAN-AP1-EB-10
Lab Sample ID: 705-67793-5

Date Collected: 05/20/26 11:40
Matrix: Water
Date Received: 05/22/26 17:43

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			774092	VLQ	EET SL	06/02/26 12:27
Total/NA	Analysis	9315		1	778171	SWS	EET SL	06/27/26 07:36
Total/NA	Prep	PrecSep_0			774093	VLQ	EET SL	06/02/26 12:32
Total/NA	Analysis	9320		1	778084	SWS	EET SL	06/26/26 11:37
Total/NA	Analysis	Ra226_Ra228		1	778814	EMH	EET SL	06/30/26 11:58

Client Sample ID: WAN-AP1-FD-10
Lab Sample ID: 705-67793-6

Date Collected: 05/21/26 00:00
Matrix: Water
Date Received: 05/22/26 17:43

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			774092	VLQ	EET SL	06/02/26 12:27
Total/NA	Analysis	9315		1	778171	SWS	EET SL	06/27/26 07:36
Total/NA	Prep	PrecSep_0			774093	VLQ	EET SL	06/02/26 12:32
Total/NA	Analysis	9320		1	778084	SWS	EET SL	06/26/26 11:37
Total/NA	Analysis	Ra226_Ra228		1	778814	EMH	EET SL	06/30/26 11:58

Client Sample ID: WAN-WGWC-30
Lab Sample ID: 705-67793-7

Date Collected: 05/21/26 12:25
Matrix: Water
Date Received: 05/22/26 17:43

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			774092	VLQ	EET SL	06/02/26 12:27
Total/NA	Analysis	9315		1	778171	SWS	EET SL	06/27/26 07:35
Total/NA	Prep	PrecSep_0			774093	VLQ	EET SL	06/02/26 12:32
Total/NA	Analysis	9320		1	778084	SWS	EET SL	06/26/26 11:37
Total/NA	Analysis	Ra226_Ra228		1	778814	EMH	EET SL	06/30/26 11:58

Lab Chronicle

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-67465-2

Client Sample ID: WAN-WGWC-34S
Date Collected: 05/21/26 11:11
Date Received: 05/22/26 17:43

Lab Sample ID: 705-67793-8
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			774092	VLQ	EET SL	06/02/26 12:27
Total/NA	Analysis	9315		1	778171	SWS	EET SL	06/27/26 07:36
Total/NA	Prep	PrecSep_0			774093	VLQ	EET SL	06/02/26 12:32
Total/NA	Analysis	9320		1	778084	SWS	EET SL	06/26/26 11:37
Total/NA	Analysis	Ra226_Ra228		1	778814	EMH	EET SL	06/30/26 11:58

Client Sample ID: WAN-WGWC-36D
Date Collected: 05/21/26 13:27
Date Received: 05/22/26 17:43

Lab Sample ID: 705-67793-9
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			774092	VLQ	EET SL	06/02/26 12:27
Total/NA	Analysis	9315		1	778171	SWS	EET SL	06/27/26 09:59
Total/NA	Prep	PrecSep_0			774093	VLQ	EET SL	06/02/26 12:32
Total/NA	Analysis	9320		1	778084	SWS	EET SL	06/26/26 11:37
Total/NA	Analysis	Ra226_Ra228		1	778814	EMH	EET SL	06/30/26 11:58

Client Sample ID: WAN-WGWC-31D
Date Collected: 05/21/26 10:23
Date Received: 05/22/26 17:43

Lab Sample ID: 705-67793-10
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			774092	VLQ	EET SL	06/02/26 12:27
Total/NA	Analysis	9315		1	778171	SWS	EET SL	06/27/26 10:00
Total/NA	Prep	PrecSep_0			774093	VLQ	EET SL	06/02/26 12:32
Total/NA	Analysis	9320		1	778084	SWS	EET SL	06/26/26 11:37
Total/NA	Analysis	Ra226_Ra228		1	778814	EMH	EET SL	06/30/26 11:58

Client Sample ID: WAN-WGWC-39
Date Collected: 05/22/26 09:59
Date Received: 05/22/26 17:43

Lab Sample ID: 705-67793-11
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			774092	VLQ	EET SL	06/02/26 12:27
Total/NA	Analysis	9315		1	778171	SWS	EET SL	06/27/26 09:59
Total/NA	Prep	PrecSep_0			774093	VLQ	EET SL	06/02/26 12:32
Total/NA	Analysis	9320		1	778084	SWS	EET SL	06/26/26 11:37
Total/NA	Analysis	Ra226_Ra228		1	778814	EMH	EET SL	06/30/26 11:58

Lab Chronicle

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-67465-2

Client Sample ID: WAN-WGWC-35D — Lab Sample ID: 705-67793-12

Date Collected: 05/22/26 10:36 — **Matrix: Water**
Date Received: 05/22/26 17:43

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			774092	VLQ	EET SL	06/02/26 12:27
Total/NA	Analysis	9315		1	778171	SWS	EET SL	06/27/26 10:00
Total/NA	Prep	PrecSep_0			774093	VLQ	EET SL	06/02/26 12:32
Total/NA	Analysis	9320		1	778084	SWS	EET SL	06/26/26 11:37
Total/NA	Analysis	Ra226_Ra228		1	778814	EMH	EET SL	06/30/26 12:00

Client Sample ID: WAN-AP1-FB-16 — Lab Sample ID: 705-67793-13

Date Collected: 05/22/26 10:50 — **Matrix: Water**
Date Received: 05/22/26 17:43

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			774092	VLQ	EET SL	06/02/26 12:27
Total/NA	Analysis	9315		1	778171	SWS	EET SL	06/27/26 09:59
Total/NA	Prep	PrecSep_0			774093	VLQ	EET SL	06/02/26 12:32
Total/NA	Analysis	9320		1	778084	SWS	EET SL	06/26/26 11:37
Total/NA	Analysis	Ra226_Ra228		1	778814	EMH	EET SL	06/30/26 12:00

Client Sample ID: WAN-WGWC-36S — Lab Sample ID: 705-67793-14

Date Collected: 05/22/26 13:44 — **Matrix: Water**
Date Received: 05/22/26 17:43

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			774092	VLQ	EET SL	06/02/26 12:27
Total/NA	Analysis	9315		1	778171	SWS	EET SL	06/27/26 09:59
Total/NA	Prep	PrecSep_0			774093	VLQ	EET SL	06/02/26 12:32
Total/NA	Analysis	9320		1	778084	SWS	EET SL	06/26/26 11:36
Total/NA	Analysis	Ra226_Ra228		1	778814	EMH	EET SL	06/30/26 12:00

Client Sample ID: WAN-WGWC-34D — Lab Sample ID: 705-67793-15

Date Collected: 05/22/26 13:53 — **Matrix: Water**
Date Received: 05/22/26 17:43

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			774092	VLQ	EET SL	06/02/26 12:27
Total/NA	Analysis	9315		1	778434	SWS	EET SL	06/28/26 13:49
Total/NA	Prep	PrecSep_0			774093	VLQ	EET SL	06/02/26 12:32
Total/NA	Analysis	9320		1	778084	SWS	EET SL	06/26/26 11:37
Total/NA	Analysis	Ra226_Ra228		1	778814	EMH	EET SL	06/30/26 12:00

Laboratory References:

EET SL = Eurofins St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566

Accreditation/Certification Summary

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-67465-2

Laboratory: Eurofins St. Louis

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

Authority	Program	Identification Number	Expiration Date
Florida	NELAP	E87689	06-30-26

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Robert (Trey) Singleton
Southern Company
3535 Colonnade Parkway
Bin S 530 EC
Birmingham, Alabama 35243

Generated 6/5/2026 2:20:13 PM

JOB DESCRIPTION

Plant Wansley Ash Pond

JOB NUMBER

705-67794-1

Eurofins Atlanta
3080 Presidential Dr
Atlanta GA 30340

See page two for job notes and contact information.

my EOL

Eurofins Atlanta

Job Notes

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

Authorization

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

Sample Summary

Client: Southern Company
Project/Site: Plant Wansley Ash Pond

Job ID: 705-67794-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
705-67794-1	WAN-WGWC-38S	Water	05/20/26 14:04	05/22/26 17:43	Georgia (St)

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

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: D. Johnson, J. May (ACC)	Lab PM: David Fuller / Phone: 770-344-8986	Carrier Tracking No(s):	COC No:
Client Contact: SCS Contacts	Phone:	E-Mail: David.Fuller@ET.EurofinsUS.com		Page: 1 of 1
Company: GA Power				Job #:
Address: 241 Ralph McGill Blvd SE	Due Date Requested:			
City: Atlanta	TAT Requested (days): Standard			
State, Zip: GA, 30308				
Phone: 404-506-7116(Tel)	Lab Project #: 70504536			
Email: SCS Contacts / Geosyntec Contacts	PO #: GPC82130-0004 / PO Line #1			
Project Name: Plant Wansley Ash Pond	Project #:			
Site:	SSOW#:			

Analysis Requested

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

Task_Code: WAN-CCR-OTH-2026 0518

Sample Identification	Sample Date (mm/dd/yy)	Sample Time (hhmm)	Sample Type (C=comp, G=grab)	Matrix (WG=ground water, WS=surface water, WQ=quality control)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6010D Dissolved App III Metals: B, Ca (Field Filtered)	6020B Dissolved App IV Metals: Sb,As,Ba,Be,Cd,Cr,Co,Pb,Mo,Se,Tl (Field Filtered)	6010D - Dissolved Lithium (Field Filtered)	7470A - Dissolved App IV Mercury (Field Filtered)	Total Number of containers	Special Instructions/Note:
			Preservation Code:				D	D	D	D		
WAN- WGWC-38S	05-20-26	1404	G	WG	Y	N	✓	✓	✓	✓	1	

705-67794 COC

705-67794 Chain of Custody

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

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

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

Special Instructions/QC Requirements:

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

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
[signature]	5/22/26 1740	ACC	[signature]	5/22/26 543	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks: Kels 0.3 ~~0.3~~ 0.5 ~~0.4~~ ms

0.3°

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 705-67794-1

Login Number: 67794

List Source: Eurofins Atlanta

List Number: 1

Creator: Jeremiah, Mortley

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

Definitions/Glossary

Client: Southern Company
Project/Site: Plant Wansley Ash Pond

Job ID: 705-67794-1

Qualifiers

Metals

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
^-	Continuing Calibration Verification (CCV) is outside acceptance limits, low biased.
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

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

Job Narrative
705-67794-1

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

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

Receipt
The sample was received on 5/22/2026 5:43 PM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 0.3°C.

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

Detection Summary

Client: Southern Company
Project/Site: Plant Wansley Ash Pond

Job ID: 705-67794-1

Client Sample ID: WAN-WGWC-38S

Lab Sample ID: 705-67794-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Boron, Dissolved	0.043	J	0.080	0.026	mg/L	1		6010D	Dissolved
Calcium, Dissolved	49		0.10	0.038	mg/L	1		6010D	Dissolved
Lithium, Dissolved	0.0074	J	0.020	0.0037	mg/L	1		6010D	Dissolved
Arsenic, Dissolved	0.0014	J	0.0050	0.0013	mg/L	1		6020B	Dissolved
Barium, Dissolved	0.12		0.010	0.00041	mg/L	1		6020B	Dissolved
Cobalt, Dissolved	0.044		0.0050	0.00041	mg/L	1		6020B	Dissolved

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley Ash Pond

Job ID: 705-67794-1

Client Sample ID: WAN-WGWC-38S

Lab Sample ID: 705-67794-1

Date Collected: 05/20/26 14:04

Matrix: Water

Date Received: 05/22/26 17:43

Method: SW846 6010D - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron, Dissolved	**0.043**	**J**	0.080	0.026	mg/L			06/03/26 16:48	1
Calcium, Dissolved	**49**		0.10	0.038	mg/L			06/01/26 17:30	1
Lithium, Dissolved	**0.0074**	**J**	0.020	0.0037	mg/L			06/03/26 16:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony, Dissolved	<0.0025		0.0050	0.0025	mg/L			06/02/26 17:04	1
Arsenic, Dissolved	**0.0014**	**J**	0.0050	0.0013	mg/L			06/02/26 17:04	1
Barium, Dissolved	**0.12**		0.010	0.00041	mg/L			06/02/26 17:04	1
Beryllium, Dissolved	<0.00015		0.0010	0.00015	mg/L			06/02/26 17:04	1
Cadmium, Dissolved	<0.00024		0.00070	0.00024	mg/L			06/02/26 17:04	1
Chromium, Dissolved	<0.0037		0.0050	0.0037	mg/L			06/02/26 17:04	1
Cobalt, Dissolved	**0.044**		0.0050	0.00041	mg/L			06/02/26 17:04	1
Lead, Dissolved	<0.00086		0.0010	0.00086	mg/L			06/02/26 17:04	1
Molybdenum, Dissolved	<0.00069		0.0050	0.00069	mg/L			06/02/26 17:04	1
Selenium, Dissolved	<0.0023		0.0050	0.0023	mg/L			06/02/26 17:04	1
Thallium, Dissolved	<0.00019		0.0010	0.00019	mg/L			06/02/26 17:04	1

Method: SW846 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	<0.00017		0.00020	0.00017	mg/L		05/28/26 18:26	05/28/26 22:35	1

Method Summary

Client: Southern Company
Project/Site: Plant Wansley Ash Pond

Job ID: 705-67794-1

Method	Method Description	Protocol	Laboratory
6010D	Metals (ICP)	SW846	EET ATL
6020B	Metals (ICP/MS)	SW846	EET ATL
7470A	Mercury (CVAA)	SW846	EET ATL
7470A	Preparation, Mercury	SW846	EET ATL

Protocol References:

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

Laboratory References:

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

QC Sample Results

Client: Southern Company
Project/Site: Plant Wansley Ash Pond

Job ID: 705-67794-1

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 705-139360/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Dissolved**
Analysis Batch: 139552

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron, Dissolved	<0.026		0.080	0.026	mg/L			06/01/26 16:48	1
Calcium, Dissolved	<0.038		0.10	0.038	mg/L			06/01/26 16:48	1
Lithium, Dissolved	<0.0037	^-	0.020	0.0037	mg/L			06/01/26 16:48	1

Lab Sample ID: LCS 705-139360/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Dissolved**
Analysis Batch: 139552

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Boron, Dissolved	1.00	1.21	*+	mg/L		121	80 - 120
Calcium, Dissolved	10.0	9.95		mg/L		99	80 - 120
Lithium, Dissolved	1.00	1.02	^-	mg/L		102	80 - 120

Lab Sample ID: 705-68102-G-5-A MS — **Client Sample ID: Matrix Spike**
Matrix: Water — **Prep Type: Dissolved**
Analysis Batch: 139552

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Boron, Dissolved	0.029	J	1.00	1.20		mg/L		118	75 - 125
Calcium, Dissolved	28	F1	10.0	34.1	F1	mg/L		63	75 - 125
Lithium, Dissolved	<0.0037		1.00	1.02	^-	mg/L		102	75 - 125

Lab Sample ID: 705-68102-G-5-B MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Water — **Prep Type: Dissolved**
Analysis Batch: 139552

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Boron, Dissolved	0.029	J	1.00	1.18		mg/L		115	75 - 125	2	20
Calcium, Dissolved	28	F1	10.0	36.6		mg/L		87	75 - 125	7	20
Lithium, Dissolved	<0.0037		1.00	1.01	^-	mg/L		101	75 - 125	1	20

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 705-139304/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Dissolved**
Analysis Batch: 139709

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony, Dissolved	<0.0025		0.0050	0.0025	mg/L			06/02/26 15:41	1
Arsenic, Dissolved	<0.0013		0.0050	0.0013	mg/L			06/02/26 15:41	1
Barium, Dissolved	<0.00041		0.010	0.00041	mg/L			06/02/26 15:41	1
Beryllium, Dissolved	<0.00015		0.0010	0.00015	mg/L			06/02/26 15:41	1
Cadmium, Dissolved	<0.00024		0.00070	0.00024	mg/L			06/02/26 15:41	1
Chromium, Dissolved	<0.0037		0.0050	0.0037	mg/L			06/02/26 15:41	1
Cobalt, Dissolved	<0.00041		0.0050	0.00041	mg/L			06/02/26 15:41	1
Lead, Dissolved	<0.00086		0.0010	0.00086	mg/L			06/02/26 15:41	1
Molybdenum, Dissolved	<0.00069		0.0050	0.00069	mg/L			06/02/26 15:41	1
Selenium, Dissolved	<0.0023		0.0050	0.0023	mg/L			06/02/26 15:41	1
Thallium, Dissolved	<0.00019		0.0010	0.00019	mg/L			06/02/26 15:41	1

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

Lab Sample ID: LCS 705-139304/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Dissolved**
Analysis Batch: 139709

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony, Dissolved	0.100	0.0906		mg/L		91	80 - 120
Arsenic, Dissolved	0.100	0.0880		mg/L		88	80 - 120
Barium, Dissolved	0.100	0.0904		mg/L		90	80 - 120
Beryllium, Dissolved	0.100	0.0959		mg/L		96	80 - 120
Cadmium, Dissolved	0.100	0.0895		mg/L		89	80 - 120
Chromium, Dissolved	0.100	0.0872		mg/L		87	80 - 120
Cobalt, Dissolved	0.100	0.0877		mg/L		88	80 - 120
Lead, Dissolved	0.100	0.0931		mg/L		93	80 - 120
Molybdenum, Dissolved	0.100	0.0975		mg/L		97	80 - 120
Selenium, Dissolved	0.100	0.0952		mg/L		95	80 - 120
Thallium, Dissolved	0.100	0.0946		mg/L		95	80 - 120

Lab Sample ID: 400-295393-H-1-B MS — **Client Sample ID: Matrix Spike**
Matrix: Water — **Prep Type: Dissolved**
Analysis Batch: 139709

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony, Dissolved	<0.0025		0.100	0.0908		mg/L		91	75 - 125
Arsenic, Dissolved	<0.0013		0.100	0.102		mg/L		102	75 - 125
Barium, Dissolved	0.092		0.100	0.189		mg/L		97	75 - 125
Beryllium, Dissolved	<0.00015		0.100	0.0978		mg/L		98	75 - 125
Cadmium, Dissolved	<0.00024		0.100	0.0882		mg/L		88	75 - 125
Chromium, Dissolved	<0.0037		0.100	0.0948		mg/L		95	75 - 125
Cobalt, Dissolved	0.0086		0.100	0.101		mg/L		92	75 - 125
Lead, Dissolved	<0.00086		0.100	0.0937		mg/L		94	75 - 125
Molybdenum, Dissolved	0.00074	J	0.100	0.0985		mg/L		98	75 - 125
Selenium, Dissolved	<0.0023		0.100	0.101		mg/L		101	75 - 125
Thallium, Dissolved	<0.00019		0.100	0.0971		mg/L		97	75 - 125

Lab Sample ID: 400-295393-H-1-C MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Water — **Prep Type: Dissolved**
Analysis Batch: 139709

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony, Dissolved	<0.0025		0.100	0.0862		mg/L		86	75 - 125	5	20
Arsenic, Dissolved	<0.0013		0.100	0.0899		mg/L		90	75 - 125	12	20
Barium, Dissolved	0.092		0.100	0.180		mg/L		88	75 - 125	5	20
Beryllium, Dissolved	<0.00015		0.100	0.0922		mg/L		92	75 - 125	6	20
Cadmium, Dissolved	<0.00024		0.100	0.0823		mg/L		82	75 - 125	7	20
Chromium, Dissolved	<0.0037		0.100	0.0863		mg/L		86	75 - 125	9	20
Cobalt, Dissolved	0.0086		0.100	0.0914		mg/L		83	75 - 125	10	20
Lead, Dissolved	<0.00086		0.100	0.0875		mg/L		87	75 - 125	7	20
Molybdenum, Dissolved	0.00074	J	0.100	0.0944		mg/L		94	75 - 125	4	20
Selenium, Dissolved	<0.0023		0.100	0.0949		mg/L		95	75 - 125	6	20
Thallium, Dissolved	<0.00019		0.100	0.0891		mg/L		89	75 - 125	9	20

QC Sample Results

Client: Southern Company
Project/Site: Plant Wansley Ash Pond

Job ID: 705-67794-1

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 705-138251/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 138816 — **Prep Batch: 138251**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury, Dissolved	<0.00017		0.00020	0.00017	mg/L		05/28/26 18:26	05/28/26 20:59	1

Lab Sample ID: LCS 705-138251/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 138816 — **Prep Batch: 138251**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury, Dissolved	0.00400	0.00412		mg/L		103	80 - 120

Lab Sample ID: 180-205454-E-1-D MS — **Client Sample ID: Matrix Spike**
Matrix: Water — **Prep Type: Dissolved**
Analysis Batch: 138816 — **Prep Batch: 138251**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury, Dissolved	<0.00017		0.00400	0.00405		mg/L		101	75 - 125

Lab Sample ID: 180-205454-F-1-C MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Water — **Prep Type: Dissolved**
Analysis Batch: 138816 — **Prep Batch: 138251**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury, Dissolved	<0.00017		0.00400	0.00405		mg/L		101	75 - 125	0	20

QC Association Summary

Client: Southern Company
Project/Site: Plant Wansley Ash Pond

Job ID: 705-67794-1

Metals

Prep Batch: 138251

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-67794-1	WAN-WGWC-38S	Dissolved	Water	7470A	
MB 705-138251/1-A	Method Blank	Total/NA	Water	7470A	
LCS 705-138251/2-A	Lab Control Sample	Total/NA	Water	7470A	
180-205454-E-1-D MS	Matrix Spike	Dissolved	Water	7470A	
180-205454-F-1-C MSD	Matrix Spike Duplicate	Dissolved	Water	7470A	

Analysis Batch: 138816

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-67794-1	WAN-WGWC-38S	Dissolved	Water	7470A	138251
MB 705-138251/1-A	Method Blank	Total/NA	Water	7470A	138251
LCS 705-138251/2-A	Lab Control Sample	Total/NA	Water	7470A	138251
180-205454-E-1-D MS	Matrix Spike	Dissolved	Water	7470A	138251
180-205454-F-1-C MSD	Matrix Spike Duplicate	Dissolved	Water	7470A	138251

Filtration Batch: 139304

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 705-139304/1-A	Method Blank	Dissolved	Water	Filtration	
LCS 705-139304/2-A	Lab Control Sample	Dissolved	Water	Filtration	
400-295393-H-1-B MS	Matrix Spike	Dissolved	Water	Filtration	
400-295393-H-1-C MSD	Matrix Spike Duplicate	Dissolved	Water	Filtration	

Filtration Batch: 139360

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 705-139360/1-A	Method Blank	Dissolved	Water	Filtration	
LCS 705-139360/2-A	Lab Control Sample	Dissolved	Water	Filtration	
705-68102-G-5-A MS	Matrix Spike	Dissolved	Water	Filtration	
705-68102-G-5-B MSD	Matrix Spike Duplicate	Dissolved	Water	Filtration	

Analysis Batch: 139552

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-67794-1	WAN-WGWC-38S	Dissolved	Water	6010D	
MB 705-139360/1-A	Method Blank	Dissolved	Water	6010D	139360
LCS 705-139360/2-A	Lab Control Sample	Dissolved	Water	6010D	139360
705-68102-G-5-A MS	Matrix Spike	Dissolved	Water	6010D	139360
705-68102-G-5-B MSD	Matrix Spike Duplicate	Dissolved	Water	6010D	139360

Analysis Batch: 139709

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-67794-1	WAN-WGWC-38S	Dissolved	Water	6020B	
MB 705-139304/1-A	Method Blank	Dissolved	Water	6020B	139304
LCS 705-139304/2-A	Lab Control Sample	Dissolved	Water	6020B	139304
400-295393-H-1-B MS	Matrix Spike	Dissolved	Water	6020B	139304
400-295393-H-1-C MSD	Matrix Spike Duplicate	Dissolved	Water	6020B	139304

Analysis Batch: 140073

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-67794-1	WAN-WGWC-38S	Dissolved	Water	6010D	

Lab Chronicle

Client: Southern Company
Project/Site: Plant Wansley Ash Pond

Job ID: 705-67794-1

Client Sample ID: WAN-WGWC-38S

Lab Sample ID: 705-67794-1

Date Collected: 05/20/26 14:04

Matrix: Water

Date Received: 05/22/26 17:43

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Dissolved	Analysis	6010D		1	140073	MT	EET ATL	06/03/26 16:48
Dissolved	Analysis	6010D		1	139552	KB	EET ATL	06/01/26 17:30
Dissolved	Analysis	6020B		1	139709	IF	EET ATL	06/02/26 17:04
Dissolved	Prep	7470A			138251	GR	EET ATL	05/28/26 18:26
Dissolved	Analysis	7470A		1	138816	GR	EET ATL	05/28/26 22:35

Laboratory References:

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

Accreditation/Certification Summary

Client: Southern Company
Project/Site: Plant Wansley Ash Pond

Job ID: 705-67794-1

Laboratory: Eurofins Atlanta

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

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

Geosyntec consultants

180A Market Place Boulevard
Knoxville, TN 37922
PH 865.330.0037
www.geosyntec.com

Memorandum

Date:	3 June 2026
To:	Robert Singleton
From:	Ashley Wilson
CC:	Kristoffer Henderson
Subject:	**Stage 2A Data Validation - Level II Data Deliverable – Eurofins Laboratory Job IDs 705-57340-1 and 705-57340-2**

SITE: Plant Wansley Ash Pond – Quarterly

INTRODUCTION

This report summarizes the findings of the Stage 2A data validation of eighteen water samples, two equipment blanks, two field blanks, and two field duplicates, collected 9-12 February 2026, as part of the Plant Wansley Ash Pond on-site sampling event.

Samples were analyzed at Eurofins Atlanta - Atlanta, Georgia, for the following analytical tests:

- Metals by United States (US) Environmental Protection Agency (EPA) Methods 3005A/6020B and 3010A/6010D
- Mercury by USEPA Method 7470A
- Anions (Chloride, Fluoride and Sulfate) by USEPA Method 300.0
- Alkalinity by SM 2320B-2011
- Total Dissolved Solids (TDS) by Standard Method (SM) 2540C-2015
- Sulfide by SM 4500 S2 F-2011

Samples were analyzed at Eurofins St. Louis – Earth City, Missouri, for the following analytical tests:

- Radium-226 by US EPA Method 9315
- Radium-228 by US EPA Method 9320
- Total Radium by Calculation

EXECUTIVE SUMMARY

Overall, based on this Stage 2A data validation covering the quality control (QC) parameters listed below and based on the information provided, the data as qualified are usable for supporting project objectives. The qualified data should be used within the limitations of the qualifications.

The data were reviewed based on the pertinent methods referenced in the laboratory report, professional and technical judgment, and the following documents:

- United States (US) EPA Region IV Data Validation Standard Operating Procedures (US EPA Region IV, September 2011);
- USEPA National Functional Guidelines for Inorganic Superfund Methods Data Review, November 2020 (EPA 542-R-20-006); and
- Idaho National Engineering and Environmental Laboratory, Radioanalytical Data Validation, May 11, 2004 (GDE-205).

The following samples were analyzed and reported in the laboratory reports:

Laboratory IDs	Client IDs
705-57340-1	WAN-WGWC-34S
705-57340-2	WAN-WGWC-31S
705-57340-3	WAN-WGWC-37D
705-57340-4	WAN-WGWC-30
705-57340-5	WAN-AP1-FD-09
705-57340-6	WAN-WGWC-31D
705-57340-7	WAN-AP1-EB-09
705-57340-8	WAN-WGWC-36D
705-57340-9	WAN-WGWC-37S
705-57340-10	WAN-WGWC-39
705-57340-11	WAN-AP1-FB-15
705-57432-1	WAN-WGWC-41

Laboratory IDs	Client IDs
705-57432-2	WAN-WGWC-40
705-57432-3	WAN-WGWC-34D
705-57432-4	WAN-WGWC-32
705-57432-5	WAN-WGWC-35D
705-57432-6	WAN-WGWC-33
705-57432-7	WAN-AP1-FD-10
705-57432-8	WAN-WGWC-36S
705-57432-9	WAN-AP1-FB-16
705-57432-10	WAN-WGWC-35S
705-57432-11	WAN-WGWC-38D
705-57432-12	WAN-WGWC-38S
705-57432-13	WAN-AP1-EB-10

Field Blanks

Field Blanks	
WAN-AP1-FB-15	**WAN-AP1-FB-16**
Samples taken between 02/09/2026- 02/10/2026.	Samples taken between 02/11/2026 to 02/12/2026.

Equipment Blanks

Equipment Blanks	
WAN-AP1-EB-09	**WAN-AP1-EB-10**
Bladder Pump	**Peri Pump**
WGWC-31D	WGWC-30
WGWC-34D	WGWC-31S
WGWC-35D	WGWC-32
WGWC-35S	WGWC-33
WGWC-36D	WGWC-34S
WGWC-36S	WGWC-38D

Equipment Blanks	
WAN-AP1-EB-09	**WAN-AP1-EB-10**
Bladder Pump	**Peri Pump**
WGWC-37D	WGWC-40
WGWC-37S	WGWC-41
WGWC-38S	
WGWC-39	

The laboratory reported results for the analytical method(s) requested for each sample on the chain of custody (COC).

The samples were received within 0-6 degrees Celsius (°C). No sample preservation issues were noted by the laboratory.

Incorrect error corrections were observed on the COC, instead of the proper procedure of a single strike through, correction, and initials and date of person making the corrections.

The sample collection times were not listed on the COC for the field duplicate samples, WAN-AP1-FD-09 and WAN-AP1-FD-10. The laboratory logged the field duplicate samples in with the collection time of 00:00.

1.0 METALS

The samples were analyzed for metals by US EPA methods 3005A/6020B and 3010A/6010D. (Mercury was evaluated separately in Section 2.0, below).

The areas of data review are listed below. A leading check mark (✓) indicates an area of review in which the data were acceptable or not applicable. A preceding crossed circle (⊗) signifies areas where issues were raised during the course of the validation review and should be considered to determine impact on data quality and usability.

✓ Overall Assessment
✓ Holding Time
⊗ Method Blank
✓ Matrix Spike/Matrix Spike Duplicate
✓ Laboratory Control Sample
⊗ Field Blank
⊗ Equipment Blank
✓ Field Duplicate
✓ Sensitivity
✓ Electronic Data Deliverables Review

1.1 Overall Assessment

The metals data reported in this data package are considered usable for supporting project objectives. The results are considered valid; the analytical completeness defined as the ratio of the number of valid analytical results (valid analytical results include values qualified as estimated) to the total number of analytical results requested on samples submitted for this analysis, for this data set is 100%.

1.2 Holding Time

The holding time for the metals analysis of a water sample is 180 days from sample collection to analysis. The holding time was met for the sample analyses.

1.3 Method Blank

Method blanks were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). Metals were not detected in the method blank at or above the method detection limits (MDLs), with the following exceptions.

Lithium (0.00375 milligrams per liter [mg/L]) was detected in the method blank in batch 113935 at an estimated concentration greater than the MDL and less than the reporting limit (RL). Therefore, the estimated concentrations of lithium in the associated samples were U qualified as not detected at or above the RL.

Sample ID	Compound	Laboratory Result (mg/L)	Laboratory Flag	Validation Result (mg/L)	Validation Qualifier*	Reason Code**
WAN-AP1-FB-16	Lithium	0.0037	JB	0.020	U	BL1
WAN-AP1-FD-10	Lithium	0.0072	JB	0.020	U	BL1
WAN-WGWC-32	Lithium	0.0070	JB	0.020	U	BL1
WAN-WGWC-34D	Lithium	0.011	JB	0.020	U	BL1
WAN-WGWC-35D	Lithium	0.0052	JB	0.020	U	BL1
WAN-WGWC-35S	Lithium	0.0039	JB	0.020	U	BL1
WAN-WGWC-36S	Lithium	0.0044	JB	0.020	U	BL1
WAN-WGWC-38D	Lithium	0.0065	JB	0.020	U	BL1
WAN-WGWC-38S	Lithium	0.0043	JB	0.020	U	BL1
WAN-WGWC-40	Lithium	0.0049	JB	0.020	U	BL1
WAN-WGWC-41	Lithium	0.018	JB	0.020	U	BL1

mg/L-milligrams per liter
J-The result is less than the reporting limit, but greater than or equal to the method detection limit, and the concentration is an approximate value
B-Analyte was detected in the associated method blank
* Validation qualifiers are defined in Attachment 1 at the end of this report
**Reason codes are defined in Attachment 2 at the end of this report

1.4 Matrix Spike/Matrix Spike Duplicate

Matrix spike (MS)/matrix spike duplicate (MSD) pairs were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). Two sample set specific MS/MSD pairs were reported using samples WAN-WGWC-34S and WAN-WGWC-40. The recovery and relative percent difference (RPD) results were within the laboratory specified acceptance criteria.

Batch MS/MSD pairs were also reported with the sample set. Since these were batch QC, the results do not affect the samples in this data set, and qualifications were not applied to the data.

1.5 Laboratory Control Sample

Laboratory controls samples (LCSs) were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). The recovery results were within the laboratory specified acceptance criteria.

1.6 Field Blank

Two field blanks, WAN-AP1-FB-15 and WAN-AP1-FB-16, were collected with the sample set. Metals were not detected in the field blanks at or above the MDLs, with the following exceptions.

Lithium (0.0037 mg/L) and calcium (0.038 mg/L) were detected at estimated concentrations greater than the MDL and less than the RL in WAN-AP1-FB-16. Therefore, the estimated concentrations of calcium in samples WAN-AP1-EB-10 and WAN-WGWC-40 were U qualified as not detected at or above the RL. Since the remaining samples were either nondetect or detected at concentrations greater than five times the blank contamination, no qualifications were applied to those data. Additionally, since the lithium concentration in WAN-AP1-FB-16 was U qualified as nondetect due to method blank contamination, no additional qualifications were applied to the associated samples.

Sample ID	Compound	Laboratory Result (mg/L)	Laboratory Flag	Validation Result (mg/L)	Validation Qualifier	Reason Code
WAN-AP1-EB-10	Calcium	0.038	J	0.10	U	BF1
WAN-WGWC-40	Calcium	0.064	J	0.10	U	BF1

mg/L-milligrams per liter
J-Result is less than the reporting limit but greater than or equal to the method detection limit and the concentration is an approximate value

1.7 Equipment Blank

Two equipment blanks, WAN-AP1-EB-09 (bladder pump) and WAN-AP1-EB-10 (peri pump), were collected with the sample set. Metals were not detected in the field blank at or above the MDLs, with the following exceptions.

Calcium (0.038 mg/L) and iron (0.053 mg/L) were detected at estimated concentrations greater than the MDL and less than the RL in equipment blank WAN-AP1-EB-10. Therefore, the estimated iron concentrations in samples WAN-WGWC-30 and WAN-WGWC-41 were U qualified as not detected at or above the RL, and the concentrations in samples WAN-WGWC-32 and WAN-WGWC-34S were J+ qualified as estimated with a high bias. Since remaining iron results were either nondetect, detected at a concentration greater than five times the blank contamination, or qualified due to method blank of field blank contamination, no qualifications were applied to those data. Additionally, since the associated calcium concentration was U qualified as not detected due to method blank contamination, no qualifications were applied to the associated calcium data.

Sample ID	Compound	Laboratory Result (mg/L)	Laboratory Flag	Validation Result (mg/L)	Validation Qualifier	Reason Code
WAN-WGWC-30	Iron	0.028	J	0.10	U	BEL
WAN-WGWC-32	Iron	0.13	NA	0.13	J+	BEL
WAN-WGWC-34S	Iron	0.24	NA	0.24	J+	BEL
WAN-WGWC-41	Iron	0.039	J	0.10	U	BEL

mg/L-milligrams per liter
NA-not applicable
J-Result is less than the reporting limit but greater than or equal to the method detection limit and the concentration is an approximate value

1.8 Field Duplicate

Two field duplicate samples, WAN-AP1-FD-09 and WAN-AP1-FD-10, were collected with the sample set. Acceptable precision (RPD $\leq$30%) was demonstrated between the field duplicates and the original samples, WAN-WGWC-30 and WAN-WGWC-32, respectively, with the following exceptions.

Beryllium and iron were not detected in field duplicate WAN-AP1-FD-09 and were detected in parent sample WAN-WGWC-30 at estimated concentrations greater than the MDLs and less than the RLs, resulting in noncalculable RPD results. Since the absolute differences between the parent sample and field duplicate were less than the RLs, no qualifications were applied to the data.

1.9 Sensitivity

The samples were reported to the MDLs. Elevated non-detect results were not reported.

1.10 Electronic Data Deliverable Review

The results and sample IDs in the electronic data deliverable (EDD) were reviewed against the information provided by the associated level II report at a minimum of 20% as part of the data validation process. No discrepancies were identified between the level II report and the EDD.

2.0 MERCURY

The samples were analyzed for mercury per US EPA method 7470A.

The areas of data review are listed below. A leading check mark (✓) indicates an area of review in which the data were acceptable or not applicable. A preceding crossed circle (⊗) signifies areas where issues were raised during the course of the validation review and should be considered to determine impact on data quality and usability.

⊗ Overall Assessment
✓ Holding Times
✓ Method Blank
⊗ Matrix Spike/Matrix Spike Duplicate
✓ Laboratory Control Sample
✓ Field Blank
✓ Equipment Blank
✓ Field Duplicate
✓ Sensitivity
✓ Electronic Data Deliverables Review

2.1 Overall Assessment

2.1.1 Completeness

The mercury data reported in this data package are considered to be usable for supporting project objectives. The results are considered valid; the analytical completeness, defined as the ratio of the number of valid analytical results (valid analytical results include values qualified as estimated) to the total number of analytical results requested on the samples submitted for this analysis, for this data package is 100%.

2.1.2 Analysis Anomaly

The laboratory noted that the instrument blank for analytical batch 115591 contained mercury greater than one-half the RL and were not re-analyzed. Therefore, the estimated concentration in associated sample WAN-AP1-FB-15 was U qualified as nondetect.

Sample ID	Compound	Laboratory Result (mg/L)	Laboratory Flag	Validation Result (mg/L)	Validation Qualifier	Reason Code
WAN-AP1-FB-15	Mercury	0.00017	J^2	0.00020	U	BC1

mg/L-milligrams per liter
J-Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value
^2-Calibration Blank (initial calibration blank and/or continuing calibration blank) is outside acceptance limits

2.2 Holding Times

The holding time for the mercury analysis of a soil sample is 28 days from sample collection to analysis. The holding time was met for the sample analyses.

2.3 Method Blank

Method blanks were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). Mercury was not detected in the method blanks at or above the MDL.

2.4 Matrix Spike/Matrix Spike Duplicate

MS/MSD pairs were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). Two sample set specific MS/MSD pairs were reported using samples WAN-WGWC-34S and WAN-WGWC-41. The recovery and RPD results were within the laboratory specified acceptance criteria, with the following exception.

The recoveries of mercury in the MS/MSD using sample WAN-WGWC-34S were low and outside of laboratory specified acceptance criteria. Therefore, the nondetect result for mercury in sample WAN-WGWC-34S was UJ qualified as estimated below the RL.

Batch MS/MSD pairs were also reported with the sample set. Since these were batch QC, the results did not affect the samples in this data set, and qualifications were not applied to the data.

Sample ID	Compound	Laboratory Result (mg/L)	Laboratory Flag	Validation Result (mg/L)	Validation Qualifier	Reason Code
WAN-WGWC-34S	Mercury	0.00017	UF1	0.00017	UJ	MS1

mg/L-milligrams per liter
U-not detected at or above the MDL
F1-MS and/or MSD recovery exceeds control limits.

2.5 Laboratory Control Sample

LCSs were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). The recovery results were within the laboratory specified acceptance criteria.

2.6 Field Blank

Two field blanks, WAN-AP1-FB-15 and WAN-AP1-FB-16, were collected with the sample set. Mercury was not detected in the field blanks at or above the MDLs, with the following exception.

Mercury (0.00017 mg/L) was detected at an estimated concentration greater than the MDL and less than the RL. Since mercury was not detected in the associated samples, no qualifications were applied to the data.

2.7 Equipment Blank

Two equipment blanks, WAN-AP1-EB-09 (bladder pump) and WAN-AP1-EB-10 (peri pump), were collected with the sample set. Mercury was not detected in the field blank at or above the MDLs.

2.8 Field Duplicate

Two field duplicate samples, WAN-AP1-FD-09 and WAN-AP1-FD-10, were collected with the sample set. Acceptable precision (RPD <30%) was demonstrated between the field duplicates and the original samples, WAN-WGWC-30 and WAN-WGWC-32, respectively.

2.9 Sensitivity

The samples were reported to the MDLs. Elevated non-detect results were not reported.

2.10 Electronic Data Deliverable Review

The results and sample IDs in the EDD were reviewed against the information provided by the associated level II report at a minimum of 20% as part of the data validation process. No discrepancies were identified between the level II report and the EDD.

3.0 WET CHEMISTRY

The samples were analyzed for anions by US EPA method 300.0, TDS by SM 2540C, sulfide by SM 4500 S2 F-2011 and alkalinity by SM 2320B-2011.

The areas of data review are listed below. A leading check mark (✓) indicates an area of review in which the data were acceptable or not applicable. A preceding crossed circle (⊗) signifies areas where issues were raised during the course of the validation review and should be considered to determine impact on data quality and usability.

✓ Overall Assessment
✓ Holding Times
✓ Method Blank
⊗ Matrix Spike/Matrix Spike Duplicate
✓ Laboratory Control Sample
⊗ Field Blank
✓ Equipment Blank
✓ Field Duplicate
✓ Laboratory Duplicate
✓ Sensitivity
✓ Electronic Data Deliverables Review

3.1 Overall Assessment

The wet chemistry data reported in this data package are considered to be usable for supporting project objectives. The results are considered valid; the analytical completeness, defined as the ratio of the number of valid analytical results (valid analytical results include values qualified as estimated) to the total number of analytical results requested on the samples submitted for this analysis, for this data package is 100%.

3.2 Holding Times

The holding times for the wet chemistry parameters are listed below.

Analyte	Method	Holding Time
Anions (chloride, fluoride, sulfate)	US EPA Method 300	28 days from collection to analysis
Alkalinity	SM 2320B	14 days from collection to analysis
TDS	SM 2540C	7 days from collection to analysis
Sulfide	SM 4500-S2D	7 days from collection to analysis

The holding times were met for the sample analyses.

3.3 Method Blank

Method blanks were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). The wet chemistry parameters were not detected in the method blanks at or above the MDLs.

3.4 Matrix Spike/Matrix Spike Duplicate

MS/MSD pairs were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples).

One sample set specific MS/MSD pair was reported for anions using sample WAN-WGWC-41.

Two sample set specific MS/MSD pairs were reported for sulfide using samples WAN-WGWC-35S and WAN-WGWC-40.

The recovery and RPD results were within the laboratory specified acceptance criteria, with the following exceptions.

The recoveries of chloride and sulfate in the MS/MSD pair using sample WAN-WGWC-41 were low and outside of laboratory specified acceptance criteria. Therefore, the concentrations of chloride and sulfate in sample WAN-WGWC-41 were J- qualified as estimated with a low bias.

The recoveries of sulfide in the MS/MSD pairs using samples WAN-WGWC-35S and WAN-WGWC-40 were low and outside of laboratory specified acceptance criteria. Therefore, the nondetect results for sulfide for samples WAN-WGWC-35S and WAN-WGWC-40 were UJ qualified as estimated below the RL.

Batch MS/MSD pairs were also reported with the sample set. Since these were batch QC, the results do not affect the samples in this data set, and qualifications were not applied to the data.

Sample ID	Compound	Laboratory Result (mg/L)	Laboratory Flag	Validation Result (mg/L)	Validation Qualifier	Reason Code
WAN-WGWC-41	Chloride	2.7	F1	2.7	J-	MS1
WAN-WGWC-41	Sulfate	110	F1	110	J-	MS1
WAN-WGWC-35S	Sulfide	1.0	UF1	1.0	UJ	MS1
WAN-WGWC-40	Sulfide	1.0	UF1	1.0	UJ	MS1

mg/L-milligrams per liter
U-not detected at or above the reporting
F1- laboratory flag indicating the matrix spike and/or matrix spike duplicate was outside acceptance criteria

3.5 Laboratory Control Sample

LCSs were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). The recovery and RPD results were within the laboratory specified acceptance criteria.

3.6 Field Blank

Two field blanks, WAN-AP1-FB-15 and WAN-AP1-FB-16, were collected with the sample set. Wet chemistry parameters were not detected in the field blanks at or above the MDLs, with the following exceptions.

Fluoride, bicarbonate alkalinity as $CaCO^3$, and total alkalinity as $CaCO^3$ (0.2 mg/L, 8.3 mg/L, and 8.3 mg/L, respectively) were detected at concentrations greater than the RL, and sulfate (0.87 mg/L) was detected at an estimated concentration greater than the MDL and less than the RL in field blank WAN-AP1-FB-15. Therefore, the estimated concentrations of these analytes in the associated samples were U qualified as nondetect at the RL. The detected concentrations of fluoride, bicarbonate alkalinity as $CaCO^3$, and total alkalinity as $CaCO^3$ that were less than ten times the blank contamination were J+ qualified as estimated with a high bias, and the sulfate concentrations less than five times the blank contamination were J+ qualified as estimated with a high bias.

Fluoride (0.096 mg/L) was detected at an estimated concentration greater than the MDL and less than the RL, and sulfate (1.2 mg/L) was detected at a concentration greater than the RL in field blank WAN-AP1-FB-16. Therefore, the estimated concentrations of these analytes were U qualified as nondetect at the RL. The detected concentrations of sulfate that were less than ten times the blank contamination were J+ qualified as estimated with a high bias, and the fluoride concentrations less than five times the blank contamination were J+ qualified as estimated with a high bias.

Sample ID	Compound	Laboratory Result (mg/L)	Laboratory Flag	Validation Result (mg/L)	Validation Qualifier	Reason Code
WAN-AP1-EB-09	Fluoride	0.18	J	0.20	U	BF1
WAN-AP1-EB-09	Sulfate	1.0	NA	1.0	J+	BF2
WAN-AP1-EB-10	Fluoride	0.097	J	0.20	U	BF1
WAN-AP1-FD-09	Fluoride	0.19	J	0.20	U	BF1
WAN-AP1-FD-09	Sulfate	0.97	J	1	U	BF1
WAN-AP1-FD-09	Bicarbonate Alkalinity as $CaCO^3$	11	NA	11	J+	BF2
WAN-AP1-FD-09	Alkalinity Total as $CaCO^3$	11	NA	11	J+	BF2

Sample ID	Compound	Laboratory Result (mg/L)	Laboratory Flag	Validation Result (mg/L)	Validation Qualifier	Reason Code
WAN-AP1-FD-10	Fluoride	0.16	J	0.20	U	BF1
WAN-WGWC-30	Fluoride	0.21	NA	0.21	J+	BF2
WAN-WGWC-30	Sulfate	1.0	NA	1.0	J+	BF2
WAN-WGWC-30	Bicarbonate Alkalinity as $CaCO^3$	11	NA	11	J+	BF2
WAN-WGWC-30	Alkalinity Total as $CaCO^3$	11	NA	11	J+	BF2
WAN-WGWC-31S	Fluoride	0.24	NA	0.24	J+	BF2
WAN-WGWC-31S	Sulfate	2.4	NA	2.4	J+	BF2
WAN-WGWC-31S	Bicarbonate Alkalinity as $CaCO^3$	23	NA	23	J+	BF2
WAN-WGWC-31S	Alkalinity Total as CaCO3	23	NA	23	J+	BF2
WAN-WGWC-32	Fluoride	0.16	J	0.20	U	BF1
WAN-WGWC-34S	Fluoride	0.26	NA	0.26	J+	BF2
WAN-WGWC-34S	Sulfate	1.7	NA	1.7	J+	BF2
WAN-WGWC-34S	Bicarbonate Alkalinity as $CaCO^3$	16	NA	16	J+	BF2
WAN-WGWC-34S	Alkalinity Total as $CaCO^3$	16	NA	16	J+	BF2
WAN-WGWC-36D	Fluoride	0.27	NA	0.27	J+	BF2
WAN-WGWC-36D	Sulfate	3.3	NA	3.3	J+	BF2
WAN-WGWC-36D	Bicarbonate Alkalinity as $CaCO^3$	49	NA	49	J+	BF2
WAN-WGWC-36D	Alkalinity Total as $CaCO^3$	49	NA	49	J+	BF2
WAN-WGWC-37S	Fluoride	0.45	NA	0.45	J+	BF2
WAN-WGWC-37S	Sulfate	2.9	NA	2.9	J+	BF2
WAN-WGWC-38D	Fluoride	0.21	NA	0.21	J+	BF2
WAN-WGWC-39	Fluoride	0.22	NA	0.22	J+	BF2
WAN-WGWC-39	Sulfate	1.0	NA	1.0	J+	BF2
WAN-WGWC-39	Bicarbonate Alkalinity as $CaCO^3$	3.3	NA	3.3	J+	BF2
WAN-WGWC-39	Alkalinity Total as $CaCO^3$	3.3	NA	3.3	J+	BF2
WAN-WGWC-35D	Fluoride	0.17	J	0.20	U	BF1
WAN-WGWC-35D	Sulfate	2.8	NA	2.8	J+	BF2
WAN-WGWC-35S	Fluoride	0.26	NA	0.26	J+	BF2
WAN-WGWC-35S	Sulfate	2.5	NA	2.5	J+	BF2
WAN-WGWC-36S	Fluoride	1.8	J	4.0	U	BF1
WAN-WGWC-38S	Fluoride	2.2	J	4.0	U	BF1

Sample ID	Compound	Laboratory Result (mg/L)	Laboratory Flag	Validation Result (mg/L)	Validation Qualifier	Reason Code
WAN-WGWC-40	Fluoride	0.10	J	0.20	U	BF1

mg/L-milligrams per liter
NA-not applicable
J-result is less than the reporting limit but greater than or equal to the method detection limit and the concentration is an approximate value

3.7 Equipment Blank

Two equipment blanks, WAN-AP1-EB-09 (bladder pump) and WAN-AP1-EB-10 (peri pump), were collected with the sample set. Wet chemistry parameters were not detected in the equipment blanks at or above the MDLs, with the following exceptions.

Fluoride (0.18 mg/L) was detected at an estimated concentration greater than the MDL and less than the RL, and sulfate (1.0 mg/L) was detected at a concentration greater than the RL in WAN-AP1-EB-09. Since the concentrations of fluoride and sulfate in WAN-AP1-EB-09 were qualified due to field blank contamination, no additional qualifications were applied to the data.

Fluoride (0.097 mg/L) was detected at an estimated concentration greater than the MDL and less than the RL in WAN-AP1-EB-10. Since the concentration of fluoride in WAN-AP1-EB-09 was qualified due to field blank contamination, no additional qualifications were applied to the data.

3.8 Field Duplicate

Two field duplicate samples, WAN-AP1-FD-09 and WAN-AP1-FD-10, were collected with the sample set. Acceptable precision (RPD <30%) was demonstrated between the field duplicates and the original samples, WAN-WGWC-30 and WAN-WGWC-32, respectively, with the following exceptions.

Fluoride and sulfate were detected in field duplicate WAN-AP1-FD-09 at estimated concentrations greater than the MDLs and less than the RLs and were detected in parent sample WAN-WGWC-30 at concentrations greater than the RLs, resulting in noncalculable RPD results. Since the absolute differences between the parent sample and field duplicate were less than the RLs, no qualifications were applied to the data.

3.9 Laboratory Duplicate

Two sample set specific laboratory duplicates were reported for alkalinity using samples WAN-WGWC-31S and WAN-WGWC-36S. The RPD results were within the laboratory specified acceptance criteria.

Batch laboratory duplicates were reported for alkalinity and TDS. Since this was batch QC, the results do not affect the samples in this data set, and qualifications were not applied to the data.

3.10 Sensitivity

The samples were reported to the MDLs. Elevated non-detect results were reported due to the dilutions analyzed.

3.11 Electronic Data Deliverable Review

The results and sample IDs in the EDD were reviewed against the information provided by the associated level II report at a minimum of 20% as part of the data validation process. No discrepancies were identified between the level II report and the EDD.

4.0 RADIOCHEMISTRY

The samples, except for samples WAN-PZ-23D, WAN-PZ-32D, and WAN-PZ-33D, were analyzed for radium-226 by US EPA method 9315, radium-228 by US EPA method 9320 and total radium by calculation.

The areas of data review are listed below. A leading check mark (✓) indicates an area of review in which the data were acceptable. A preceding crossed circle (⊗) signifies areas where issues were raised during the course of the validation review and should be considered to determine impact on data quality and usability.

⊗ Overall Assessment
✓ Holding Times
⊗ Method Blank
✓ Matrix Spike/Matrix Spike Duplicate
✓ Laboratory Control Sample
✓ Laboratory Duplicate
✓ Tracers and Carriers
⊗ Field Blank
⊗ Equipment Blank
✓ Field Duplicate
✓ Sensitivity
✓ Electronic Data Deliverable Review

4.1 Overall Assessment

4.1.1 Completeness

The radium-226 and radium-228 data reported in this data set are considered usable for supporting project objectives. The results are considered valid; the analytical completeness defined as the ratio of the number of valid analytical results (valid analytical results include values qualified as estimated) to the total number of analytical results requested on samples submitted for this analysis, for this data set is 100%.

4.1.2 Analysis Anomaly

Total radium in samples WAN-WGWC-34D, WAN-WGWC-35D, and WAN-WGWC-36S was not detected for the calculated, combined radium-226 and radium-228. Since radium-226 was detected in samples WAN-WGWC-34D, WAN-WGWC-35D, and WAN-WGWC-36S at concentrations greater than the minimum detectable concentration (MDC), and based on professional and technical judgment, the total radium concentration in samples WAN-WGWC-34D, WAN-WGWC-35D, and WAN-WGWC-36S were NA qualified as detected.

Total radium in sample WAN-WGWC-31D was detected at a concentration greater than the MDC, for the calculated, combined radium-226 and radium-228. Since radium-226 and radium-228 were not detected at or above the MDC, and based on professional and technical judgment, the total radium concentration in sample WAN-WGWC-31D was U qualified as not detected.

Sample ID	Compound	Laboratory Result (pCi/L)	Laboratory Flag	Validation Result (pCi/L)	Validation Qualifier	Reason Code
WAN-WGWC-34D	Combined Radium 226 + 228	0.638	U	0.638	NA	RO1
WAN-WGWC-35D	Combined Radium 226 + 228	0.582	U	0.582	NA	RO1
WAN-WGWC-36S	Combined Radium 226 + 228	0.432	U	0.432	NA	RO1
WAN-WGWC-31D	Combined Radium 226 + 229	0.693	NA	0.693	U	RO1

pCi/L-picocuries per liter
U-not detected at or above the minimum detectable concentration
NA-not applicable

4.2 Holding Times

The holding times for the radium-226 and radium-228 analyses of a water sample are 180 days from sample collection to analysis. The holding times were met for the sample analyses.

4.3 Method Blank

Method blanks were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). Method blanks were reported for the radium-226 and radium-228 data. Radium-226 and radium-228 were not detected in the method blanks at or above the measured 2σ uncertainty or the MDC, with the following exceptions.

Radium-228 (0.4877 picocuries per liter [pCi/L]) was detected at a concentration greater than the measured 2σ uncertainty in the method blank in batch 758535. Therefore, the radium concentrations with a mean difference less than 2 in the associated sample was UJ qualified as not statistically distinguishable from the blank, and the radium concentrations with a mean difference greater than 2 but less than 10 times the blank concentration were J qualified as estimated. In addition, the combined radium 226 + 228 concentrations for samples WAN-WGWC-31S, WAN-WGWC-34S, WAN-WGWC-37D, and WAN-WGWC-39 were J qualified as estimated.

Radium-228 (0.5992 pCi/L) was detected at a concentration greater than the measured 2σ uncertainty in the method blank in batch 758538. Therefore, the radium concentrations with a mean difference less than 2 in the associated sample was UJ qualified as not statistically distinguishable from the blank, and the radium concentrations with a mean difference greater than 2 but less than 10 times the blank concentration were J qualified as estimated. In addition, the combined radium 226 + 228 concentrations for samples WAN-AP1-FD-10 and WAN-WGWC-38S were J qualified as estimated.

Sample ID	Compound	Laboratory Result (pCi/L)	Laboratory Flag	Validation Result (pCi/L)	Validation Qualifier	Reason Code
WAN-WGWC-31S	Radium-228	1.03	NA	1.03	UJ	BC1
WAN-WGWC-31S	Combined Radium 226 + 228	1.35	NA	1.35	J	BC1
WAN-WGWC-34S	Radium-228	1.63	G	1.63	J	BC1
WAN-WGWC-34S	Combined Radium 226 + 228	1.59	NA	1.59	J	BC1
WAN-WGWC-37D	Radium-228	1.13	NA	1.13	J	BC1
WAN-WGWC-37D	Combined Radium 226 + 228	1.37	NA	1.37	J	BC1|BEH
WAN-WGWC-39	Radium-228	2.35	G	2.35	J	BC1
WAN-WGWC-39	Combined Radium 226 + 228	3.40	NA	3.40	J	BC1
WAN-AP1-FD-10	Radium-228	2.85	NA	2.85	J	BC1
WAN-AP1-FD-10	Combined Radium 226 + 228	5.72	NA	5.72	J	BC1
WAN-WGWC-38S	Radium-228	1.48	G	1.48	UJ	BC1

Sample ID	Compound	Laboratory Result (pCi/L)	Laboratory Flag	Validation Result (pCi/L)	Validation Qualifier	Reason Code
WAN-WGWC-38S	Combined Radium 226 + 228	2.31	NA	2.31	J	BC1|BEH

pCi/L-picocuries per liter
G-Sample MDC is greater than the requested RL
NA-not applicable

4.4 Matrix Spike/Matrix Spike Duplicate

MS/MSD pairs were not reported with the sample set.

4.5 Laboratory Control Sample

LCSs were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). LCSs were reported for radium-226 and radium-228. The recovery results were within the laboratory specified acceptance criteria.

4.6 Laboratory Duplicate

One sample set specific laboratory duplicate was reported for radium-226 and radium-228 using sample WAN-AP1-FB-16. The RER results were within the laboratory specified acceptance criteria.

Batch laboratory duplicates were reported for radium-226 and radium-228. Since this was batch QC, the results do not affect the samples in this data set, and qualifications were not applied to the data.

4.7 Tracers and Carriers

Carriers were reported for the radium-226 and radium-228 analyses, and a tracer was reported for the radium-228 analyses. The recovery results were within the laboratory specified acceptance criteria.

4.8 Field Blank

Two field blanks, WAN-AP1-FB-15 and WAN-AP1-FB-16, were collected with the sample set and analyzed for radium-226 and radium-228. Radium-226 and radium-228 were not detected in the field blanks at or above the measured 2σ uncertainty or the MDC, with the following exceptions.

Radium-228 (0.673 pCi/L) was detected in WAN-AP1-FB-15 228 at a concentration greater than the measured 2σ uncertainty. Since radium-228 in the associated samples was qualified due to method blank contamination, no additional qualifications were applied to the data.

Radium-228 (0.478 pCi/L) was detected in WAN-AP1-FB-16 at a concentration greater than the measured 2σ uncertainty. Therefore, the concentrations with a mean difference greater than 2 and less ten times the blank concentration in the associated samples were J qualified as estimated. In addition, the combined radium 226 + 228 concentrations for samples WAN-WGWC-32 and WAN-WGWC-40 were J qualified as estimated.

Sample ID	Compound	Laboratory Result (pCi/L)	Laboratory Flag	Validation Result (pCi/L)	Validation Qualifier	Reason Code
WAN-WGWC-32	Radium-228	3.36	NA	3.36	J	BFH
WAN-WGWC-32	Combined Radium 226 + 228	6.25	NA	6.25	J	BFH
WAN-WGWC-40	Radium-228	2.32	NA	2.32	J	BFH
WAN-WGWC-40	Combined Radium 226 + 228	3.24	NA	3.24	J	BFH

pCi/L-picocuries per liter
NA-not applicable

4.9 Equipment Blank

Two equipment blanks, WAN-AP1-EB-09 (bladder pump) and WAN-AP1-EB-10 (peri pump), were collected with the sample set and analyzed for radium-226 and radium-228. Radium-226 and radium-228 were not detected in the field blanks at or above the measured 2σ uncertainty or the MDC, with the following exceptions.

Radium-226 (0.0992 pCi/L) was detected in WAN-AP1-EB-09 at a concentration greater than the MDC. Therefore, the concentrations with a mean difference greater than 2 and less ten times the blank concentration in the associated samples were J qualified as estimated. In addition, the combined radium 226 + 228 concentrations for samples WAN-WGWC-37D and WAN-WGWC-38S were J qualified as estimated and the combined radium 226 + 228 concentrations for samples WAN-WGWC-34D, WAN-WGWC-35D, and WAN-WGWC-36S.

Sample ID	Compound	Laboratory Result (pCi/L)	Laboratory Flag	Validation Result (pCi/L)	Validation Qualifier	Reason Code
WAN-WGWC-34D	Radium-226	0.187	NA	0.187	J	BEH
WAN-WGWC-34D	Combined Radium 226 + 228	0.638	U	0.638	UJ	RO1|BEH
WAN-WGWC-35D	Radium-226	0.303	NA	0.303	J	BEH

Sample ID	Compound	Laboratory Result (pCi/L)	Laboratory Flag	Validation Result (pCi/L)	Validation Qualifier	Reason Code
WAN-WGWC-35D	Combined Radium 226 + 228	0.582	U	0.582	UJ	RO1|BEH
WAN-WGWC-36S	Radium-226	0.163	NA	0.163	J	BEH
WAN-WGWC-36S	Combined Radium 226 + 228	0.432	U	0.432	UJ	RO1|BEH
WAN-WGWC-37D	Radium-226	0.236	NA	0.236	J	BEH
WAN-WGWC-37D	Combined Radium 226 + 228	1.37	NA	1.37	J	BC1|BEH
WAN-WGWC-38S	Radium-226	0.824	NA	0.824	J	BEH
WAN-WGWC-38S	Combined Radium 226 + 228	2.31	NA	2.31	J	BC1|BEH

pCi/L-picocuries per liter
U-not detected at or above the minimum detectable concentration
NA-not applicable

4.10 Field Duplicate

Two field duplicate samples, WAN-AP1-FD-09 and WAN-AP1-FD-10, were collected with the sample set. Acceptable precision [mean difference (MD) ≤ 3, RPD < 20% or difference < RL] was demonstrated between the field duplicate and the original samples, WAN-WGWC-30 and WAN-WGWC-32, respectively.

4.11 Sensitivity

The samples were reported to the MDCs. No elevated non-detect results were reported. The laboratory reported the MDC for samples WAN-WGWC-34S, WAN-WGWC-38S, and WAN-WGWC-39 greater than the requested RL.

4.12 Electronic Data Deliverable Review

The results and sample IDs in the EDD were reviewed against the information provided by the associated level II report at a minimum of 20% as part of the data validation process. No discrepancies were identified between the level II report and the EDD.

* * * * *

DATA VALIDATION QUALIFIER DEFINITIONS AND INTERPRETATION KEY
Assigned by Geosyntec's Data Validation Team

DATA QUALIFIER DEFINITIONS

U The analyte was analyzed for but was not detected at or above the reported sample quantitation limit. Upon application of the U qualifier to a reported result, the definition changes to "not detected at or above the reported result."

J The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.

J+ The analyte was positively identified; however, the associated numerical value is likely to be higher than the concentration of the analyte in the sample due to positive bias of associated QC or calibration data or attributable to matrix interference.

J- The analyte was positively identified; however, the associated numerical value is likely to be lower than the concentration of the analyte in the sample due to negative bias of associated QC or calibration data or attributable to matrix interference.

UJ The analyte was not detected at or above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.

R The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.

V Historical undefined qualifier.

ATTACHMENT 2
DATA VALIDATION REASON CODES
Assigned by Geosyntec's Data Validation Team

DQM Reason Code	Description
AB1	> Samples in batch
AB2	QC sample missing
AB3	Batch analysis time exceeded
BAH	Contamination detected in the Ambient Blank greater than or equal to the Quantitation Limit.
BAL	Contamination detected in the Ambient Blank less than the Quantitation Limit.
BC	Calibration blank contamination
BC1	assoc. result < RL
BC2	assoc. result > RL < mult.
BC3	assoc. result > RL > mult.
BEH	Contamination detected in the Equipment Blank greater than or equal to the Quantitation Limit.
BEL	Contamination detected in the Equipment Blank less than the Quantitation Limit.
BF	Field blank contamination
BF1	assoc. result < RL
BF2	assoc. result > RL < mult.
BF3	assoc. result > RL > mult.
BFH	Contamination detected in the Field Blank greater than or equal to the Quantitation Limit.
BFL	Contamination detected in the Field Blank less than the Quantitation Limit.
BL	Laboratory blank contamination
BL1	assoc. result < RL
BL2	assoc. result > RL < mult.
BL3	assoc. result > RL > mult.
BLH	Contamination detected in the Lab Blank greater than or equal to the Quantitation Limit.
BLL	Contamination detected in the Lab Blank less than the Quantitation Limit.
BT	Trip blank contamination
BT1	assoc. result < RL
BT2	assoc. result > RL < mult.
BT3	assoc. result > RL > mult.
BTH	Contamination detected in the Trip Blank greater than or equal to the Quantitation Limit.
BTL	Contamination detected in the Trip Blank less than the Quantitation Limit.
CA1	Column difference
CC1	CCV %D
CC2	CCV %R
CC3	CCV RRF
CI1	IC RSD
CI2	IC RRF
CR1	Calibration range
CV1	ICV or CCV %D

DQM Reason Code	Description
CV2	ICV or CCV %R
CV3	ICV CCV RRF
DF1	Dilution Factor > 1
DL	Dilution Factor > 1
DVT1	The Dissolved Result > Total Result and the absolute difference > the AD_MULTIPLIER_CL * Detection Limit
DVT2	The Dissolved Result > Total Result and the absolute difference > AD_MULTIPLIER_UCO * Detection Limit
DVT3	The Dissolved Result > Total Result and the relative percent difference (RPD) > RPD_CL
DVT4	The Dissolved Result > Total Result and the relative percent difference (RPD) > RPD_UCO
ER1	MDL=<RESULT<RL (INORGANIC)
ER2	MDL=<RESULT<RL (ORGANIC)
FBC1	BLANK CONTAMINATION
FBC2	RESULT < BLANK * MULTIPLIER
FBC3	RESULT > BLANK * MULTIPLIER
FD1	Field duplicate RPD
FD2	Field duplicate abs. diff.
GHT1	GROSS_QUALIFIER_HIT
GHT2	GROSS_QUALIFIER_NON_DETECT
HP1	Hydrocarbon pattern
HT1	Holding time samp. to preservation
HT2	Holding time samp. to analysis
HT3	Holding time gros. samp. to pres.
HT4	Holding time gros. samp. to analysis
IS1	Internal standard
LBC1	BLANK CONTAMINATION
LBC2	RESULT < BLANK * MULTIPLIER
LBC3	RESULT > BLANK * MULTIPLIER
LD1	Lab duplicate RPD
LD2	Lab duplicate abs. diff.
LS1	LS %R
LS2	LS RPD
MS1	MS %R
MS2	MS RPD
MS3	Parent >4x spike
MS4	Spike diluted out
NP1	Non-Preferred Result

DQM Reason Code	Description
NR1	NUMERIC RESULTS
OT1	Other quality issue
PS1	BETWEEN CONTROL AND WARNING LIMITS
PS2	INVALID
PS3	LESS THAN LOWER CONTROL LIMIT
PS4	LESS THAN LOWER WARNING LIMIT
PT1	The preservative for this test id does not match the required preservative in RT_HOLDING_TIME.
RDL1	EXCEEDS REQUIRED DETECTION LIMIT
RL1	ND > project limit
RO1	Other rad. issue
RPD1	LCS/LCSD
RPD2	LCS/LCSD_NON_DETECT
RPD3	MS/MSD
RPD4	MS/MSD_NON_DETECT
RPD5	Orig/Dup
RPD6	Orig/Dup_NON_DETECT
RPDF1	FIELD DUPLICATE
RPDF2	FIELD DUPLICATE NON_DETECT
RQ1	Rad. quantitation issue
RR1	Repeated result same method
RR2	Repeated result diff. method
RSD1	RSD exceeds CL for LCS sample
RSD2	RSD exceeds CL for MS sample
RSD3	RSD exceeds CL for Lab sample
RSD4	RSD exceeds CL for Field sample
RY1	Tracer or carrier
SD1	Serial dilution
SO1	High moisture
SO2	Wet weight
SP1	Preservation, temp
SP2	Preservation, pH
SP3	Preservation, headspace
SPR1	BLANK SPIKE > UCL
SPR10	EarthSoft.DQM.SpikeRecovery2
SPR11	EarthSoft.DQM.SpikeRecovery2
SPR12	EarthSoft.DQM.SpikeRecovery2
SPR2	INORGANIC SPIKE > UCL
SPR3	ORGANIC SPIKE > UCL

DQM Reason Code	Description
SPR4	LCL > BLANK > LOW_CUTOFF
SPR5	LCL > INORG > LOW_CUTOFF
SPR6	LCL > ORG > LOW_CUTOFF
SPR7	BLANK SPIKE < LOW_CUTOFF
SPR8	INORGANIC SPIKE < LOW_CUTOFF
SPR9	ORGANIC SPIKE < LOW_CUTOFF
SU	Surrogate outlier
SU1	Surrogate
SU2	Surrogate diluted out
SURR1	ASSO. DETECTS OF LCL > REC > LOW_CUTOFF
SURR10	EarthSoft.DQM.SurrogateRecovery
SURR11	EarthSoft.DQM.SurrogateRecovery
SURR12	EarthSoft.DQM.SurrogateRecovery
SURR2	ASSO. DETECTS OF REC < LOW_CUTOFF
SURR3	ASSO. DETECTS OF REC > UCL
SURR4	ASSO. NDS OF LCL > REC > LOW_CUTOFF
SURR5	ASSO. NDS OF REC < LOW_CUTOFF
SURR6	ASSO. NDS OF REC > UCL
SURR7	LCL > REC > LOW_CUTOFF
SURR8	REC < LOW_CUTOFF
SURR9	REC > UCL
TBC1	BLANK CONTAMINATION
TBC2	RESULT < BLANK * MULTIPLIER
TBC3	RESULT > BLANK * MULTIPLIER
TR	Trace Detection
TR1	Trace detection
TRA1	Tracer is outside of UCL or LCL
TRA2	Associated result of a tracer less than the LCL
TRA3	Associated detect result of a tracer greater than the UCL
VC1	Canister vacuum
VC2	Canister contamination
VSU1	INVALID SAMPLE UNIT TYPE
VSU2	MISSING SAMPLE UNIT TYPE
VSU3	NON-DEFAULT RESULT UNIT

AD-Absolute Difference
CCV-Continuous Calibration Verification
CL-Control Limit
%D-Percent Difference
IC-Initial Calibration

ICV-Initial Calibration Verification
INORG-Inorganic
LCL-Lower Control Limit
LCS-Laboratory Control Spike
LCSD-Laboratory Control Spike Duplicate
LS-Laboratory Spike
MDL-Method Detection Limit
MS-Matrix Spike
MSD-Matrix Spike Duplicate
ND-Not Detected
ORG-Organic
QC-Quality Control
%R-Percent Recovery
REC-Recovery
RL-Reporting Limit
RPD-Relative Percent Difference
RRF-Relative Response Factor
RSD-Relative Standard Deviation
UCL-Upper Control Limit
UCO-Upper Cut Off

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Memorandum

Date: 22 April 2026

To: Robert Singleton

From: Ashley Wilson

CC: Kristoffer Henderson

Subject: Stage 2A Data Validation - Level II Data Deliverable – Eurofins Laboratory Job IDs 705-54087-1, 705-54087-2, 705-57300-1, 705-57300-2, 705-57521-1, Revision 1, 705-57521-2, Revision 1, 705-57736-1, and 705-57736-2

SITE: Plant Wansley Ash Pond - Semiannual

INTRODUCTION

This report summarizes the findings of the Stage 2A data validation of thirty-four water samples, four equipment blanks, four field blanks and four field duplicates, collected 8 January and 9-13 February 2026, as part of the Plant Wansley Ash Pond on-site sampling event.

Samples were analyzed at Eurofins Atlanta - Atlanta, Georgia, for the following analytical tests:

- Metals by United States (US) Environmental Protection Agency (EPA) Methods 3005A/6020B and 3010A/6010D
- Mercury by USEPA Method 7470A
- Anions (Chloride, Fluoride and Sulfate) by USEPA Method 300.0
- Alkalinity by SM 2320B-2011
- Total Dissolved Solids (TDS) by Standard Method (SM) 2540C-2015
- Sulfide by SM 4500 S2 F-2011

Samples were analyzed at Eurofins St. Louis – Earth City, Missouri, for the following analytical tests:

- Radium-226 by US EPA Method 9315
- Radium-228 by US EPA Method 9320
- Total Radium by Calculation

EXECUTIVE SUMMARY

Overall, based on this Stage 2A data validation covering the quality control (QC) parameters listed below and based on the information provided, the data as qualified are usable for supporting project objectives. The qualified data should be used within the limitations of the qualifications.

The data were reviewed based on the pertinent methods referenced in the laboratory report, professional and technical judgment, and the following documents:

- United States (US) EPA Region IV Data Validation Standard Operating Procedures (US EPA Region IV, September 2011);
- USEPA National Functional Guidelines for Inorganic Superfund Methods Data Review, November 2020 (EPA 542-R-20-006); and
- Idaho National Engineering and Environmental Laboratory, Radioanalytical Data Validation, May 11, 2004 (GDE-205).

The following samples were analyzed and reported in the laboratory reports:

Laboratory IDs	Client IDs
705-54087-1	WAN-WGWC-42
705-57300-1	WAN-WGWA-2
705-57300-2	WAN-WGWA-3
705-57300-3	WAN-WGWA-4
705-57300-4	WAN-WGWA-6
705-57300-5	WAN-WGWA-7
705-57300-6	WAN-WGWA-1
705-57300-7	WAN-WGWA-18
705-57300-8	WAN-WGWC-10
705-57300-9	WAN-WGWC-11
705-57300-10	WAN-WGWC-13
705-57300-11	WAN-WGWC-14A
705-57300-12	WAN-WGWC-15
705-57300-13	WAN-WGWC-16
705-57300-14	WAN-WGWC-20
705-57300-15	WAN-WGWC-24
705-57300-16	WAN-WGWC-27
705-57300-17	WAN-AP1-FD-01
705-57300-18	WAN-AP1-FB-07
705-57300-19	WAN-AP1-FB-08
705-57300-20	WAN-AP1-EB-01
705-57521-1	WAN-WGWC-12
705-57521-2	WAN-WGWC-17

Laboratory IDs	Client IDs
705-57521-3	WAN-WGWC-19
705-57521-4	WAN-WGWC-21
705-57521-5	WAN-WGWC-22
705-57521-6	WAN-WGWC-23
705-57521-7	WAN-WGWC-25
705-57521-8	WAN-WAMW-2
705-57521-9	WAN-AP1-FD-02
705-57521-10	WAN-AP1-FD-03
705-57521-11	WAN-AP1-FB-09
705-57521-12	WAN-AP1-EB-02
705-57736-1	WAN-WGWC-28D
705-57736-2	WAN-PZ-23D
705-57736-3	WAN-PZ-26D
705-57736-4	WAN-PZ-31
705-57736-5	WAN-PZ-32D
705-57736-6	WAN-PZ-33D
705-57736-7	WAN-WAMW-1
705-57736-8	WAN-AP1-FD-08
705-57736-9	WAN-AP1-FB-14
705-57736-10	WAN-AP1-EB-03
705-57736-11	WAN-AP1-EB-08
705-57736-12	WAN-WGWC-8A
705-57736-13	WAN-WGWC-9

Field Blanks

Field Blanks			
WAN-AP1-FB-07	**WAN-AP1-FB-08**	**WAN-AP1-FB -09**	**WAN-AP1-FB-14**
Samples taken between 02/09/2026-02/10/2026 at 15:45	Samples taken on 02/10/2026.	Samples taken on 02/11/2026.	Samples taken on 02/12/2026.

Equipment Blanks

Equipment Blanks			
WAN-AP1-EB-01	**WAN-AP1-EB-02**	**WAN-AP1-EB-03**	**WAN-AP1-EB-08**
Water level	**Peri Pump**	**Bladder Pump**	**Gloves**
All samples	PZ-26D	PZ-23D	All samples
	PZ-31	WGWC-8A	
	WAMW-1	WGWC-28D	
	WAMW-2		
	WGWA-7		
	WGWC-9		

The laboratory reported results for the analytical method(s) requested for each sample on the chain of custody (COC).

The samples were received within 0-6 degrees Celsius (°C). No sample preservation issues were noted by the laboratory.

Incorrect error corrections were observed on the COC, instead of the proper procedure of a single strike through, correction, and initials and date of person making the corrections.

The sample collection times were not listed on the COC for the field duplicate samples, WAN-AP1-FD-01, WAN-AP1-FD-02, WAN-AP1-FD-03 and WAN-AP1-FD-08. The laboratory logged the field duplicate samples in with the collection time of 00:00.

705-57736-1

There was a time lapse for the first sample transfer times. The first sample relinquishing was documented as 02/13/26, 1554 and the first sample receiving was documented as 02/13/26, 1555.

1.0 METALS

The samples were analyzed for metals by US EPA methods 3005A/6020B and 3010A/6010D. (Mercury was evaluated separately in Section 2.0, below).

The areas of data review are listed below. A leading check mark (✓) indicates an area of review in which the data were acceptable or not applicable. A preceding crossed circle (⊗) signifies areas where issues were raised during the course of the validation review and should be considered to determine impact on data quality and usability.

✓ Overall Assessment
✓ Holding Time
⊗ Method Blank
✓ Matrix Spike/Matrix Spike Duplicate
✓ Laboratory Control Sample
⊗ Field Blank
⊗ Equipment Blank
⊗ Field Duplicate
✓ Sensitivity
✓ Electronic Data Deliverables Review

1.1 Overall Assessment

1.1.1 Completeness

The metals data reported in this data package are considered usable for supporting project objectives. The results are considered valid; the analytical completeness defined as the ratio of the number of valid analytical results (valid analytical results include values qualified as estimated) to the total number of analytical results requested on samples submitted for this analysis, for this data set is 100%

1.2 Analysis Anomaly

705-57300-1

The continuing calibration verification (CCV) associated with batch 114473 recovered above the upper control limit for barium, beryllium, lead, and thallium. Since barium, beryllium, lead, and thallium were either nondetect or the detections in the associated samples were U qualified due to method blank or equipment blank contamination, no additional qualifications were applied to the data.

705-57736-1

The CCV associated with batch 115860 recovered above the upper control limit for lithium. Since lithium was nondetect in the associated samples, no qualifications were applied to the data.

The CCV associated with batch 115256 recovered below the lower control limit for potassium. Since this CCV was only associated with batch QC, no qualifications were applied to the data.

1.3 Holding Time

The holding time for the metals analysis of a water sample is 180 days from sample collection to analysis. The holding time was met for the sample analyses.

1.4 Method Blank

Method blanks were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). Metals were not detected in the method blank at or above the method detection limits (MDLs), with the following exceptions.

705-54087-1

Thallium (0.000989 mg/L) was detected in the method blank in batch 107146 at an estimated concentration greater than the MDL and less than the RL. Therefore, the estimated concentration of thallium in sample WAN-WGWC-42 was U qualified as not detected at or above the reporting limit (RL).

705-57300-1

Thallium (0.000216 and 0.000226 mg/L) was detected in the method blanks in batches 113680 and 113691, respectively, at estimated concentrations greater than the MDL and less than the RL. Therefore, the estimated concentrations of thallium in samples WAN-AP1-EB-01, WAN-WGWC-14A, WAN-WGWC-15, and WAN-WGWC-24 were U qualified as not detected at or above the RL.

705-57736-1

Thallium (0.000358 and 0.000273 mg/L) was detected in the method blanks in batches 114743 and 114911, respectively, at estimated concentrations greater than the MDL and less than the RL. Therefore, the estimated concentrations of thallium in samples WAN-AP1-EB-03, WAN-PZ-31, and WAN-WAMW-1 were U qualified as not detected at or above the RL.

Sample ID	Compound	Laboratory Result (mg/L)	Laboratory Flag	Validation Result (mg/L)	Validation Qualifier*	Reason Code**
WAN-WGWC-42	Thallium	0.00023	JB	0.0010	U	BC1
WAN-AP1-EB-01	Thallium	0.00026	JB*+^+	0.0010	U	BC1|CC1|LS1
WAN-WGWC-14A	Thallium	0.00038	J^+B*+F1	0.0010	U	BC1|CC1|LS1|MS1
WAN-WGWC-15	Thallium	0.00025	JB*+^+	0.0010	U	BC1|CC1|LS1
WAN-WGWC-24	Thallium	0.00053	JB*+^+	0.0010	U	BC1|CC1|LS1
WAN-AP1-EB-03	Thallium	0.00019	JB	0.0010	U	BC1
WAN-PZ-31	Thallium	0.00038	JB	0.0010	U	BC1
WAN-WAMW-1	Thallium	0.00025	JB	0.0010	U	BC1

mg/L-milligrams per liter
J-The result is less than the reporting limit, but greater than or equal to the method detection limit, and the concentration is an approximate value
B-Analyte was detected in the associated method blank
*+-Laboratory Control Spike and/or Laboratory Control Spike Duplicate is outside acceptance limits, high biased
^+-Continuing Calibration Verification is outside acceptance limits, high biased
F1-Matrix Spike and/or Matrix Spike Duplicate recovery exceeds control limits
* Validation qualifiers are defined in Attachment 1 at the end of this report
**Reason codes are defined in Attachment 2 at the end of this report

1.5 Matrix Spike/Matrix Spike Duplicate (MS/MSD)

MS/MSDs were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). Four sample set specific MS/MSD pairs were reported using samples WAN-WGWC-14A, WAN-WGWA-2, WAN-PZ-31, and WAN-AP1-EB-03. The recovery and relative percent difference (RPD) results were within the laboratory specified acceptance criteria, with the following exceptions.

705-57300-1

The MS/MSD recoveries of lead and thallium in the MS/MSD pair using sample WAN-WGWC-14A were high and outside of laboratory specified acceptance criteria. Since lead was not detected and the thallium concentration was U qualified as not detected due to method blank contamination in sample WAN-WGWC-14A, no qualifications were applied to the data. Additionally, sodium was flagged with a 4 to indicate that the sample concentration was greater than four times the spike amount. Therefore, no qualifications were applied to the sodium concentration in sample WAN-WGWC-14A.

Batch MS/MSD pairs were also reported with the sample set. Since these were batch QC, the results do not affect the samples in this data set, and qualifications were not applied to the data.

1.6 Laboratory Control Sample (LCS)

LCSs were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). The recovery results were within the laboratory specified acceptance criteria, with the following exceptions.

705-57300-1

The LCS/LCSD recoveries of lead and thallium were high and outside of laboratory specified acceptance criteria. Since lead was not detected and the thallium concentrations were U qualified as not detected due to method blank contamination in the associated samples, no qualifications were applied to the data.

1.7 Field Blank

Four field blanks, WAN-AP1-FB-07, WAN-AP1-FB-08, WAN-AP1-FB-09 and WAN-AP1-FB-14, were collected with the sample set. Metals were not detected in the field blanks at or above the MDLs, with the following exceptions.

705-57300-1

Iron (0.020 mg/L) was detected at an estimated concentration greater than the MDL and less than the RL in WAN-AP1-FB-08. Therefore, the estimated concentrations in samples WAN-WGWC-13, WAN-WGWC-14A, WAN-WGWC-15, and WAN-WGWC-24 were U qualified as not detected at or above the RL. Since the remaining samples were either nondetect or detected at concentrations greater than five times the blank contamination, no qualifications were applied to those data.

705-57521-1

Barium (0.00077 mg/L) and sodium (0.40 mg/L) were detected at estimated concentrations greater than the MDL and less than the RL in WAN-AP1-FB-09. Therefore, the estimated concentrations of barium in samples WAN-WGWC-21, WAN-WGWC-19, and WAN-WGWC-23 were U qualified as not detected at or above the RL. Since the remaining samples were either nondetect or detected at concentrations greater than five times the blank contamination, no qualifications were applied to those data.

Potassium (0.12 mg/L) was detected at a concentration greater than the RL in WAN-AP1-FB-09. Therefore, the estimated concentration of potassium in WAN-AP1-EB-02 was U qualified as not detected at or above the RL. Since the remaining samples were detected at concentrations greater than ten times the blank contamination, no qualifications were applied to those data.

Sample ID	Compound	Laboratory Result (mg/L)	Laboratory Flag	Validation Result (mg/L)	Validation Qualifier	Reason Code
WAN-WGWC-13	Iron	0.048	J	0.10	U	BFL
WAN-WGWC-14A	Iron	0.098	J	0.10	U	BFL
WAN-WGWC-15	Iron	0.035	J	0.10	U	BFL
WAN-WGWC-24	Iron	0.019	J	0.10	U	BFL
WAN-AP1-EB-02	Potassium	0.067	J	0.10	U	BFH
WAN-WGWC-21	Barium	0.0039	J	0.010	U	BFL
WAN-WGWC-19	Barium	0.0014	J	0.010	U	BFL
WAN-WGWC-23	Barium	0.0079	J	0.010	U	BFL

mg/L-milligrams per liter
J-Result is less than the reporting limit but greater than or equal to the method detection limit and the concentration is an approximate value

1.8 Equipment Blank

Four equipment blanks, WAN-AP1-EB-01 (water level), WAN-AP1-EB-02 (peri pump), WAN-AP1-EB-03 (bladder pump), and WAN-AP1-EB-08 (gloves), were collected with the sample set. Metals were not detected in the field blank at or above the MDLs, with the following exceptions.

705-54087-1, 705-57300-1, 705-57521-1, and 705-57736-1

Barium (0.00055mg/L) and thallium (0.00026 mg/L) were detected at estimated concentrations greater than the MDL and less than the RL in equipment blank WAN-AP1-EB-01. Therefore, the estimated barium concentrations in the associated samples were U qualified as not detected at or above the RL. Since remaining barium results were either nondetect, detected at a concentration greater than five times the blank contamination, or qualified due to method blank of field blank contamination, no qualifications were applied to those data. Additionally, since the thallium concentration was U qualified as not detected due to method blank contamination, no qualifications were applied to the associated thallium data.

705-57521-1

Iron (0.036 mg/L) and potassium (0.067 mg/L) were detected at estimated concentrations greater than the MDLs and less than RLs in WAN-AP1-EB-02. Since iron was detected at a higher concentration in equipment blank WAN-AP1-EB-08, the samples were assessed using WAN-AP1-EB-08. Additionally, since the potassium concentration in WAN-AP1-EB-02 was U qualified as not detected due to field blank contamination, no qualifications were applied to the associated potassium data.

705-57736-1

Iron (0.046 mg/L) and thallium (0.00019 mg/L) were detected at estimated concentrations greater than the MDL and less than the RL in equipment blank WAN-AP1-EB-03. Since iron was detected at a higher concentration in equipment blank WAN-AP1-EB-08, the samples were assessed using this equipment blank. Since the thallium concentration in WAN-AP1-EB-03 was qualified due to method blank contamination, no additional qualifications were applied to the thallium data.

705-54087-1, 705-57300-1, 705-57521-1, and 705-57736-1

Iron (0.12 mg/L) was detected at a concentration greater than the RL in equipment blank WAN-AP1-EB-08. Therefore, the estimated concentration of iron in the associated samples were U qualified as not detected at the RL, the iron concentration in sample WAN-WGWA-18 was U qualified as not detected at the reported concentration, and iron concentrations greater than the blank contamination but less than ten times the blank contamination were J+ qualified as estimated with a high bias.

Sample ID	Compound	Laboratory Result (mg/L)	Laboratory Flag	Validation Result (mg/L)	Validation Qualifier	Reason Code
WAN-WGWA-4	Barium	0.0068	J	0.010	U	BEL
WAN-WGWA-6	Barium	0.0074	J	0.010	U	BEL
WAN-WGWC-20	Barium	0.00043	J^+	0.010	U	BEL
WAN-WGWC-27	Barium	0.0023	J	0.010	U	BEL
WAN-WGWC-28D	Barium	0.0074	J	0.010	U	BEL
WAN-WGWA-18	Iron	0.11	NA	0.11	U	BEH
WAN-WGWA-2	Iron	0.031	J	0.10	U	BEH
WAN-WGWA-4	Iron	0.96	NA	0.96	J+	BEH
WAN-WGWA-6	Iron	0.28	NA	0.28	J+	BEH
WAN-WGWA-7	Iron	0.033	J	0.10	U	BEH
WAN-WGWC-27	Iron	0.42	NA	0.42	J+	BEH
WAN-WGWC-21	Iron	0.078	J	0.10	U	BEH
WAN-WGWC-19	Iron	0.072	J	0.10	U	BEH
WAN-WGWC-22	Iron	0.17	NA	0.17	J+	BEH
WAN-WGWC-23	Iron	0.16	NA	0.16	J+	BEH
WAN-AP1-FD-08	Iron	0.032	J	0.10	U	BEH
WAN-PZ-23D	Iron	0.11	NA	0.11	U	BEH
WAN-PZ-26D	Iron	0.051	J	0.10	U	BEH
WAN-PZ-31	Iron	0.046	J	0.10	U	BEH

Sample ID	Compound	Laboratory Result (mg/L)	Laboratory Flag	Validation Result (mg/L)	Validation Qualifier	Reason Code
WAN-WGWC-9	Iron	0.032	J	0.10	U	BEH

mg/L-milligrams per liter
NA-not applicable
^+-Continuing Calibration Verification is outside acceptance limits, high biased
J-Result is less than the reporting limit but greater than or equal to the method detection limit and the concentration is an approximate value

1.9 Field Duplicate

Four field duplicate samples, WAN-AP1-FD-01, WAN-AP1-FD-02, WAN-AP1-FD-03 and WAN-AP1-FD-08, were collected with the sample set. Acceptable precision (RPD ≤30%) was demonstrated between the field duplicates and the original samples, WAN-WGWC-16, WAN-WGWC-25, WAN-WGWC-17, and WAN-PZ-26D, with the following exceptions.

705-57521-1

Beryllium and lithium were not detected in field duplicate WAN-AP1-FD-02 and were detected in parent sample WAN-WGWC-25 at estimated concentrations greater than the MDLs and less than the RLs, resulting in noncalculable RPD results. Since the absolute differences between the parent sample and field duplicate were less than the RLs, no qualifications were applied to the data.

The RPD of barium in field duplicate pair WAN-AP1-FD-03/WAN-WGWC-17 was greater than 30%. Therefore, the concentrations of barium in field duplicate, WAN-AP1-FD-03 and parent sample, WAN-WGWC-17 were J qualified as estimated.

705-57736-1

Manganese was detected in field duplicate WAN-AP1-FD-08 at an estimated concentration greater than the MDL and less than the RL and detected at a concentration greater than the RL in the parent sample WAN-PZ-26D, resulting in a noncalculable RPD result. Since the absolute difference between the parent sample and field duplicate was less than the RL, no qualifications were applied to the data.

Sample	Analyte	Laboratory Result (mg/l)	Laboratory Flag	RPD	Validation Result (mg/l)	Validation Qualifier*	Reason Code**
WAN-AP1-FD-03	Barium	0.021	NA	55	0.021	J	RPDF1
WAN-WGWC-17	Barium	0.012	NA		0.012	J	RPDF1

mg/L-milligrams per liter
NA-not applicable

1.10 Sensitivity

The samples were reported to the MDLs. Elevated non-detect results were not reported.

1.11 Electronic Data Deliverable Review

The results and sample IDs in the EDD were reviewed against the information provided by the associated level II report at a minimum of 20% as part of the data validation process. No discrepancies were identified between the level II report and the EDD.

2.0 MERCURY

The samples were analyzed for mercury per US EPA method 7470A.

The areas of data review are listed below. A leading check mark (✓) indicates an area of review in which the data were acceptable or not applicable. A preceding crossed circle (⊗) signifies areas where issues were raised during the course of the validation review and should be considered to determine impact on data quality and usability.

- ✓ Overall Assessment
- ✓ Holding Times
- ✓ Method Blank
- ✓ Matrix Spike/Matrix Spike Duplicate
- ✓ Laboratory Control Sample
- ✓ Field Blank
- ✓ Equipment Blank
- ✓ Field Duplicate
- ✓ Sensitivity
- ✓ Electronic Data Deliverables Review

2.1 Overall Assessment

The mercury data reported in this data package are considered to be usable for supporting project objectives. The results are considered valid; the analytical completeness, defined as the ratio of the number of valid analytical results (valid analytical results include values qualified as estimated) to the total number of analytical results requested on the samples submitted for this analysis, for this data package is 100%.

2.2 Holding Times

The holding time for the mercury analysis of a soil sample is 28 days from sample collection to analysis. The holding time was met for the sample analyses.

2.3 Method Blank

Method blanks were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). Mercury was not detected in the method blanks at or above the MDL.

2.4 Matrix Spike/Matrix Spike Duplicate

MS/MSD pairs were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). Three sample set specific MS/MSD pairs were reported using samples WAN-WGWC-42, WAN-WGWA-2, and WAN-WGWC-28D. The recovery and RPD results were within the laboratory specified acceptance criteria.

Batch MS/MSD pairs were also reported with the sample set. Since these were batch QC, the results did not affect the samples in this data set, and qualifications were not applied to the data

2.5 Laboratory Control Sample

LCSs were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). The recovery results were within the laboratory specified acceptance criteria.

2.6 Field Blank

Four field blanks, WAN-AP1-FB-07, WAN-AP1-FB-08, WAN-AP1-FB-09 and WAN-AP1-FB-14, were collected with the sample set. Mercury was not detected in the field blanks at or above the MDLs.

2.7 Equipment Blank

Four equipment blanks, WAN-AP1-EB-01 (water level), WAN-AP1-EB-02 (peri pump), WAN-AP1-EB-03 (bladder pump), and WAN-AP1-EB-08 (gloves), were collected with the sample set. Mercury was not detected in the field blank at or above the MDLs.

2.8 Field Duplicate

Four field duplicate samples, WAN-AP1-FD-01, WAN-AP1-FD-02, WAN-AP1-FD-03 and WAN-AP1-FD-08, were collected with the sample set. Acceptable precision (RPD <30%) was demonstrated between the field duplicates and the original samples, WAN-WGWC-16, WAN-WGWC-25, WAN-WGWC-17, and WAN-PZ-26D.

2.9 Sensitivity

The samples were reported to the MDLs. Elevated non-detect results were not reported. The MDLs met the reference limits listed in QAPP Worksheet #15 of the QAPP.

2.10 Electronic Data Deliverable Review

Results and sample IDs in the EDD were reviewed against the information provided by the associated level II report at a minimum of 20%. No discrepancies were identified between the level II report and the EDD.

3.0 WET CHEMISTRY

The samples were analyzed for anions by US EPA method 300.0, TDS by SM 2540C, sulfide by SM 4500 S2 F-2011 and alkalinity by SM 2320B-2011.

The areas of data review are listed below. A leading check mark (✓) indicates an area of review in which the data were acceptable or not applicable. A preceding crossed circle (⊗) signifies areas where issues were raised during the course of the validation review and should be considered to determine impact on data quality and usability.

✓ Overall Assessment
✓ Holding Times
✓ Method Blank
⊗ Matrix Spike/Matrix Spike Duplicate
✓ Laboratory Control Sample
⊗ Field Blank
✓ Equipment Blank
⊗ Field Duplicate
✓ Laboratory Duplicate
✓ Sensitivity
✓ Electronic Data Deliverables Review

3.1 Overall Assessment

The wet chemistry data reported in this data package are considered to be usable for supporting project objectives. The results are considered valid; the analytical completeness, defined as the ratio of the number of valid analytical results (valid analytical results include values qualified as estimated) to the total number of analytical results requested on the samples submitted for this analysis, for this data package is 100%.

3.2 Holding Times

The holding times for the wet chemistry parameters are listed below.

Analyte	Method	Holding Time
Anions (chloride, fluoride, sulfate)	US EPA Method 300	28 days from collection to analysis
Alkalinity	SM 2320B	14 days from collection to analysis
TDS	SM 2540C	7 days from collection to analysis
Sulfide	SM 4500-S2D	7 days from collection to analysis

The holding times were met for the sample analyses.

3.3 Method Blank

Method blanks were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). The wet chemistry parameters were not detected in the method blanks at or above the MDLs.

3.4 Matrix Spike/Matrix Spike Duplicate

MS/MSDs were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples).

Three sample set specific MS/MSD pairs were reported for anions using samples WAN-WGWC-16, WAN-AP1-EB-02, and WAN-AP1-FB-14.

Two sample set specific MS/MSD pairs were reported for sulfide using samples WAN-WGWC-21 and WAN-AP1-FB-14.

The recovery and RPD results were within the laboratory specified acceptance criteria, with the following exceptions.

705-57300-1

The recoveries of fluoride in the MS/MSD pair using sample WAN-WGWC-16 were high and outside of laboratory specified acceptance criteria. Since the fluoride concentration in sample WAN-WGWC-16 was U qualified due to field blank contamination, no additional qualifications were applied to the data.

705-57521-1

The recoveries of sulfide in the MS/MSD pair using sample WAN-WGWC-21 were high and outside of laboratory specified acceptance criteria. Since sulfide was not detected in sample WAN-WGWC-21, no qualifications were applied to the data.

705-57736-1

The recoveries of sulfide in the MS/MSD pair using sample WAN-AP1-FB-14 were low and outside of laboratory specified acceptance criteria. Therefore, the nondetect result of sulfide in sample WAN-AP1-FB-14 was UJ qualified as estimated less than the MDL.

Batch MS/MSD pairs were also reported with the sample set. Since these were batch QC, the results do not affect the samples in this data set, and qualifications were not applied to the data.

Sample ID	Compound	Laboratory Result (mg/L)	Laboratory Flag	Validation Result (mg/L)	Validation Qualifier	Reason Code
WAN-AP1-FB-14	Sulfide	1.0	UF1	1.0	UJ	MS1

mg/L-milligrams per liter
U-not detected at or above the reporting
F1- laboratory flag indicating the matrix spike and/or matrix spike duplicate was outside acceptance criteria

3.5 Laboratory Control Sample

LCSs were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). The recovery and RPD results were within the laboratory specified acceptance criteria.

3.6 Field Blank

Four field blanks, WAN-AP1-FB-07, WAN-AP1-FB-08, WAN-AP1-FB-09 and WAN-AP1-FB-14, were collected with the sample set. Wet chemistry parameters were not detected in the field blanks at or above the MDLs, with the following exceptions.

705-57300-1

Fluoride (0.096 and 0.095 mg/L) was detected at estimated concentrations greater than the MDL and less than the RL in field blanks WAN-AP1-FB-07 and WAN-AP1-FB-08, respectively. Therefore, the estimated concentrations in the associated samples were U qualified as nondetect at the RL and the detected concentrations greater than the RL and less than ten times the blank contamination were J+ qualified as estimated with a high bias.

705-57521-1

Fluoride (0.095 mg/L) was detected at an estimated concentration greater than the MDL and less than the RL in field blank WAN-AP1-FB-09. Therefore, the estimated concentrations in the associated samples were U qualified as nondetect, and the detected concentrations greater than the RL and less than ten times the blank contamination were J+ qualified as estimated with a high bias.

705-57736-1

Fluoride (0.10 mg/L) was detected at an estimated concentration greater than the MDL and less than the RL in field blank WAN-AP1-FB-14. Therefore, the estimated concentrations in the associated samples were U qualified as nondetect, and the detected concentrations greater than the RL and less than ten times the blank contamination were J+ qualified as estimated with a high bias.

Sample ID	Compound	Laboratory Result (mg/L)	Laboratory Flag	Validation Result (mg/L)	Validation Qualifier	Reason Code
WAN-AP1-EB-01	Fluoride	0.095	J	0.20	U	BFL
WAN-AP1-FD-01	Fluoride	0.14	J	0.20	U	BFL
WAN-WGWA-1	Fluoride	0.10	J	0.20	U	BFL
WAN-WGWA-18	Fluoride	0.13	J	0.20	U	BFL
WAN-WGWA-2	Fluoride	0.14	J	0.20	U	BFL
WAN-WGWA-3	Fluoride	0.10	J	0.20	U	BFL
WAN-WGWA-4	Fluoride	0.21	NA	0.21	J+	BFL
WAN-WGWA-6	Fluoride	0.18	J	0.20	U	BFL
WAN-WGWA-7	Fluoride	0.11	J	0.20	U	BFL
WAN-WGWC-10	Fluoride	0.18	J	0.20	U	BFL
WAN-WGWC-11	Fluoride	0.10	J	0.20	U	BFL
WAN-WGWC-13	Fluoride	0.22	NA	0.22	J+	BFL
WAN-WGWC-14A	Fluoride	0.10	J	0.20	U	BFL
WAN-WGWC-16	Fluoride	0.15	JF1	0.20	U	BFL|MS1
WAN-WGWC-24	Fluoride	0.28	NA	0.28	J+	BFL
WAN-AP1-EB-02	Fluoride	0.094	J	0.20	U	BFL
WAN-AP1-FD-02	Fluoride	0.12	J	0.20	U	BFL
WAN-AP1-FD-03	Fluoride	0.14	J	0.20	U	BFL
WAN-WAMW-2	Fluoride	0.32	NA	0.32	J+	BFL
WAN-WGWC-17	Fluoride	0.17	J	0.20	U	BFL
WAN-WGWC-19	Fluoride	0.35	NA	0.35	J+	BFL
WAN-WGWC-12	Fluoride	0.16	J	0.20	U	BFL
WAN-WGWC-22	Fluoride	0.28	NA	0.28	J+	BFL
WAN-WGWC-23	Fluoride	0.10	J	0.20	U	BFL

Sample ID	Compound	Laboratory Result (mg/L)	Laboratory Flag	Validation Result (mg/L)	Validation Qualifier	Reason Code
WAN-WGWC-25	Fluoride	0.099	J	0.20	U	BFL
WAN-AP1-EB-03	Fluoride	0.094	J	0.20	U	BFL
WAN-AP1-EB-08	Fluoride	0.12	J	0.20	U	BFL
WAN-AP1-FD-08	Fluoride	0.29	NA	0.29	J+	BFL
WAN-PZ-26D	Fluoride	0.29	NA	0.29	J+	BFL
WAN-PZ-31	Fluoride	0.10	J	0.20	U	BFL
WAN-WAMW-1	Fluoride	0.38	NA	0.38	J+	BFL

mg/L-milligrams per liter
NA-not applicable
F1-laboratory flag indicating the matrix spike and/or matrix spike duplicate was outside acceptance criteria
J-result is less than the reporting limit but greater than or equal to the method detection limit and the concentration is an approximate value

3.7 Equipment Blank

Four equipment blanks, WAN-AP1-EB-01 (water level), WAN-AP1-EB-02 (peri pump), WAN-AP1-EB-03 (bladder pump), and WAN-AP1-EB-08 (gloves), were collected with the sample set. Wet chemistry parameters were not detected in the equipment blanks at or above the MDLs, with the following exception.

705-54087-1, 705-57300-1, 705-57521-1, and 705-57736-1

Fluoride (0.095 mg/L, 0.094 mg/L, 0.094 mg/L, and 0.12 mg/L) was detected at estimated concentrations greater than the MDL and less than the RL in WAN-AP1-EB-01, WAN-AP1-EB-02, WAN-AP1-EB-03, and WAN-AP1-EB-08, respectively. Since the concentrations of fluoride in WAN-AP1-EB-01, WAN-AP1-EB-02, WAN-AP1-EB-03, and WAN-AP1-EB-08 were U qualified as not detected due to equipment blank contamination, no additional qualifications were applied to the data.

3.8 Field Duplicate

Four field duplicate samples, WAN-AP1-FD-01, WAN-AP1-FD-02, WAN-AP1-FD-03 and WAN-AP1-FD-08, were collected with the sample set. Acceptable precision (RPD <30%) was demonstrated between the field duplicates and the original samples, WAN-WGWC-16, WAN-WGWC-25, WAN-WGWC-17, and WAN-PZ-26D, with the following exceptions.

705-57521-1

The RPD of sulfate in field duplicate pair WAN-AP1-FD-03/WAN-WGWC-17 was greater than 30%. Therefore, the concentrations of sulfate in field duplicate, WAN-AP1-FD-03 and parent sample, WAN-WGWC-17 were J qualified as estimated.

Sample	Analyte	Laboratory Result (mg/l)	Laboratory Flag	RPD	Validation Result (mg/l)	Validation Qualifier	Reason Code
WAN-AP1-FD-03	Sulfate	2.1	NA	71	2.1	J	RPDF1
WAN-WGWC-17	Sulfate	4.4	NA		4.4	J	RPDF1

mg/L-milligrams per liter
NA-not applicable

3.9 Laboratory Duplicate

Three sample set specific laboratory duplicates were reported for TDS using samples WAN-WGWC-20, WAN-WGWC-21, and WAN-WGWC-28D. The RPD results were within the laboratory specified acceptance criteria.

Two sample set specific laboratory duplicates were reported for alkalinity using samples WAN-WGWA-2 and WAN-WGWA-3. The RPD results were within the laboratory specified acceptance criteria.

Batch laboratory duplicates were reported for alkalinity and TDS. Since this was batch QC, the results do not affect the samples in this data set, and qualifications were not applied to the data.

3.10 Sensitivity

The samples were reported to the MDLs. Elevated non-detect results were reported due to the dilutions analyzed.

3.11 Electronic Data Deliverable Review

The results and sample IDs in the EDD were reviewed against the information provided by the associated level II report at a minimum of 20% as part of the data validation process. No discrepancies were identified between the level II report and the EDD.

4.0 RADIOCHEMISTRY

The samples, except for samples WAN-PZ-23D, WAN-PZ-32D, and WAN-PZ-33D, were analyzed for radium-226 by US EPA method 9315, radium-228 by US EPA method 9320 and total radium by calculation.

The areas of data review are listed below. A leading check mark (✓) indicates an area of review in which the data were acceptable. A preceding crossed circle (⊗) signifies areas where issues were raised during the course of the validation review and should be considered to determine impact on data quality and usability.

⊗ Overall Assessment
✓ Holding Times
⊗ Method Blank
✓ Matrix Spike/Matrix Spike Duplicate
⊗ Laboratory Control Sample
⊗ Laboratory Duplicate
✓ Tracers and Carriers
⊗ Field Blank
⊗ Equipment Blank
✓ Field Duplicate
✓ Sensitivity
✓ Electronic Data Deliverable Review

4.1 Overall Assessment

4.1.1 Completeness

The radium-226 and radium-228 data reported in this data set are considered usable for supporting project objectives. The results are considered valid; the analytical completeness defined as the ratio of the number of valid analytical results (valid analytical results include values qualified as estimated) to the total number of analytical results requested on samples submitted for this analysis, for this data set is 100%.

4.1.2 Analysis Anomaly

705-57300-2 and 705-57521-2

Total radium in samples WAN-WGWA-18, WAN-WGWC-16, WAN-WGWC-20, WAN-WGWC-19, WAN-WGWC-12, and WAN-WGWC-25 was not detected for the calculated, combined radium-226 and radium-228. Since radium-226 was detected in samples WAN-WGWA-18, WAN-WGWC-16, WAN-WGWC-20, WAN-WGWC-19, WAN-WGWC-12, and WAN-WGWC-25 at concentrations greater than the MDC, and based on professional and technical judgment, the total radium concentration in samples WAN-WGWA-18, WAN-WGWC-16, WAN-WGWC-20, WAN-WGWC-19, WAN-WGWC-12, and WAN-WGWC-25 were NA qualified as detected.

Total radium in sample WAN-WGWC-17 was detected at a concentration greater than the minimum detectable concentration (MDC), for the calculated, combined radium-226 and radium-228. Since radium-226 and radium-228 were not detected at or above the MDC, and based on professional and technical judgment, the total radium concentration in sample WAN-WGWC-17 was U qualified as not detected.

The radium-228 result for sample WAN-WGWA-3 was more negative than the uncertainty (2σ). Therefore, the radium-228 and total radium results for sample WAN-WGWA-3 were UJ qualified as estimated less than the MDC.

Sample ID	Compound	Laboratory Result (pCi/L)	Laboratory Flag	Validation Result (pCi/L)	Validation Qualifier	Reason Code
WAN-WGWA-18	Combined Radium 226 + 228	0.0823	U	0.0823	NA	RO1
WAN-WGWC-16	Combined Radium 226 + 228	0.423	U	0.423	NA	RO1
WAN-WGWC-20	Combined Radium 226 + 228	0.433	U	0.433	NA	RO1
WAN-WGWC-17	Combined Radium 226 + 229	0.866	NA	0.866	U	RO1
WAN-WGWC-19	Combined Radium 226 + 230	0.390	U	0.390	NA	RO1
WAN-WGWC-12	Combined Radium 226 + 231	0.714	U	0.714	NA	RO1
WAN-WGWC-25	Combined Radium 226 + 232	0.452	U	0.452	NA	RO1
WAN-WGWA-3	Radium-228	-0.314	U	-0.314	UJ	RO1
WAN-WGWA-3	Combined Radium 226 + 232	-0.307	U	-0.307	UJ	RO1

pCi/L-picocuries per liter
U-not detected at or above the minimum detectable concentration
NA-not applicable

4.2 Holding Times

The holding times for the radium-226 and radium-228 analyses of a water sample are 180 days from sample collection to analysis. The holding times were met for the sample analyses.

4.3 Method Blank

Method blanks were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). Method blanks were reported for the radium-226 and radium-228 data. Radium-226 and radium-228 were not detected in the method blanks at or above the measured 2σ uncertainty or the MDC, with the following exceptions.

705-57300-2

Radium-228 (0.4877 pCi/L) was detected at a concentration greater than the measured 2σ uncertainty in the method blank in batch 758535. Therefore, the radium concentrations with a mean difference less than 2 in the associated sample was UJ qualified as not statistically distinguishable from the blank, and the radium concentrations with a mean difference greater than 2 but less than 10 times the blank concentration were J qualified as estimated. In addition, the combined radium 226 + 228 concentrations for samples WAN-AP1-FD-01 and WAN-AP1-FB-07 were J qualified as estimated.

705-57521-2

Radium-228 (0.5992 pCi/L) was detected at a concentration greater than the measured 2σ uncertainty in the method blank in batch 758538. Therefore, the radium concentrations with a mean difference less than 2 in the associated sample was UJ qualified as not statistically distinguishable from the blank, and the radium concentrations with a mean difference greater than 2 but less than 10 times the blank concentration were J qualified as estimated. In addition, the combined radium 226 + 228 concentrations for samples WAN-AP1-FD-02, WAN-WAMW-2, WAN-WGWC-21, and WAN-WGWC-22 were J qualified as estimated

.Sample ID	Compound	Laboratory Result (pCi/L)	Laboratory Flag	Validation Result (pCi/L)	Validation Qualifier	Reason Code
WAN-AP1-FD-01	Radium-228	0.823	NA	0.823	UJ	BC1
WAN-AP1-FD-01	Combined Radium 226 + 228	0.843	NA	0.843	UJ	BC1
WAN-AP1-FB-07	Radium-228	1.30	NA	1.30	J	BC1
WAN-AP1-FB-07	Combined Radium 226 + 228	1.27	NA	1.27	J	BC1
WAN-AP1-FD-02	Radium-228	0.599	NA	0.599	UJ	BC1
WAN-AP1-FD-02	Combined Radium 226 + 228	0.860	NA	0.860	J	BC1
WAN-WAMW-2	Radium-228	0.831	NA	0.831	UJ	BC1
WAN-WAMW-2	Combined Radium 226 + 228	1.39	NA	1.39	J	BC1
WAN-WGWC-21	Radium-228	1.36	NA	1.36	J	BC1
WAN-WGWC-21	Combined Radium 226 + 228	2.14	NA	2.14	J	BC1
WAN-WGWC-22	Radium-228	3.26	NA	3.26	J	BC1

.Sample ID	Compound	Laboratory Result (pCi/L)	Laboratory Flag	Validation Result (pCi/L)	Validation Qualifier	Reason Code
WAN-WGWC-22	Combined Radium 226 + 228	4.60	NA	4.60	J	BC1

pCi/L-picocuries per liter
NA-not applicable

4.4 Matrix Spike/Matrix Spike Duplicate

Batch MS/MSD pairs were reported with the sample set. Since these were batch QC, the results do not affect the samples in this data set, and qualifications were not applied to the data.

4.5 Laboratory Control Sample

LCSs were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). LCSs were reported for radium-226 and radium-228. The recovery results were within the laboratory specified acceptance criteria, with the following exception.

705-54087-2

The LCS recovery of radium-228 in the LCS in batch 753286 was high and outside of laboratory specified acceptance criteria. Therefore, the concentration of radium-228 in sample WAN-WGWC-42 was J qualified as estimated. In addition, the combined radium 226 + 228 concentration for sample WAN-WGWC-42 was J qualified as estimated.

Sample ID	Compound	Laboratory Result (pCi/L)	Laboratory Flag	Validation Result (pCi/L)	Validation Qualifier	Reason Code
WAN-WGWC-42	Radium-228	0.992	NA	0.616	J	LS1
WAN-WGWC-42	Combined Radium 226 + 228	1.49	NA	0.616	J	LS1

pCi/L-picocuries per liter
NA-not applicable

4.6 Laboratory Duplicate

One sample set specific laboratory duplicate was reported for radium-226 and radium-228 using sample WAN-AP1-FD-01. The RER results were within the laboratory specified acceptance criteria, with the following exception.

705-57300-2

The RER for radium-226 for the laboratory duplicate using sample WAN-AP1-FD-01 was outside of laboratory specified acceptance criteria. Therefore, since the RPD was greater than 20% and the

MDC was greater than 3, the radium-226 and total radium concentrations in sample WAN-AP1-FD-01 were UJ qualified as estimated below the RL.

Batch laboratory duplicates were reported for radium-226 and radium-228. Since this was batch QC, the results do not affect the samples in this data set, and qualifications were not applied to the data.

Sample ID	Compound	Laboratory Result (pCi/L)	Laboratory Flag	Validation Result (pCi/L)	Validation Qualifier	Reason Code
WAN-AP1-FD-01	Radium-226	0.0191	U	0.0191	UJ	LD1
WAN-AP1-FD-01	Combined Radium 226 + 228	0.843	NA	0.843	UJ	LD1

pCi/L-picocuries per liter
U-not detected at or above the minimum detectable concentration

4.7 Tracers and Carriers

Carriers were reported for the radium-226 and radium-228 analyses, and a tracer was reported for the radium-228 analyses. The recovery results were within the laboratory specified acceptance criteria.

4.8 Field Blank

Four field blanks, WAN-AP1-FB-07, WAN-AP1-FB-08, WAN-AP1-FB-09 and WAN-AP1-FB-14, were collected with the sample set and analyzed for radium-226 and radium-228. Radium-226 and radium-228 were not detected in the field blanks at or above the measured 2σ uncertainty or the MDC, with the following exceptions.

705-57300-2

Radium-228 (1.30 pCi/L) was detected in WAN-AP1-FB-07 at a concentration greater than the MDC. Therefore, the radium concentrations with a mean difference less than 2 in the associated sample was UJ qualified as not statistically distinguishable from the blank. In addition, the combined radium 226 + 228 concentrations for samples WAN-WGWA-4, WAN-WGWA-6, WAN-WGWC-15, WAN-WGWC-24, and WAN-WGWC-27 were J qualified as estimated.

Radium-228 (0.431 pCi/L) was detected in WAN-AP1-FB-08 at a concentration greater than the measured 2σ uncertainty. Since radium-228 was detected at a higher concentration in WAN-AP1-FB-07, no additional qualifications were applied due to WAN-AP1-FB-08.

705-57521-2

Radium-228 (0.385 pCi/L) was detected in WAN-AP1-FB-09 at a concentration greater than the measured 2σ uncertainty. Since the radium-228 concentrations in the samples associated with field blank WAN-AP1-FB-09 were UJ qualified due to method blank contamination, no additional qualifications were applied to the associated data.

Sample ID	Compound	Laboratory Result (pCi/L)	Laboratory Flag	Validation Result (pCi/L)	Validation Qualifier	Reason Code
WAN-WGWA-4	Radium-228	0.824	NA	0.824	UJ	BFH
WAN-WGWA-4	Combined Radium 226 + 228	1.37	NA	1.37	J	BFH
WAN-WGWA-6	Radium-228	6.36	NA	6.36	J	BFH
WAN-WGWA-6	Combined Radium 226 + 228	9.57	NA	9.57	J	BFH
WAN-WGWC-15	Radium-228	0.682	NA	0.682	UJ	BFH
WAN-WGWC-15	Combined Radium 226 + 228	0.821	NA	0.821	J	BFH
WAN-WGWC-24	Radium-228	0.656	NA	0.656	UJ	BFH
WAN-WGWC-24	Combined Radium 226 + 228	0.848	NA	0.848	J	BFH
WAN-WGWC-27	Radium-228	1.74	NA	1.74	UJ	BFH
WAN-WGWC-27	Combined Radium 226 + 228	2.81	NA	2.81	J	BFH

pCi/L-picocuries per liter
NA-not applicable

4.9 Equipment Blank

Four equipment blanks, WAN-AP1-EB-01 (water level), WAN-AP1-EB-02 (peri pump), WAN-AP1-EB-03 (bladder pump), and WAN-AP1-EB-08 (gloves), were collected with the sample set and analyzed for radium-226 and radium-228. Radium-226 and radium-228 were not detected in the field blanks at or above the measured 2σ uncertainty or the MDC, with the following exceptions.

705-57736-2

Radium-228 (0.731 pCi/L) was detected in WAN-AP1-EB-03 at a concentration greater than the MDC. Therefore, the concentrations with a mean difference greater than 2 and less ten times the blank concentration in the associated samples were J qualified as estimated. In addition, the combined radium 226 + 228 concentrations for samples WAN-WGWC-28D and WAN-WGWC-8A were J qualified as estimated.

Sample ID	Compound	Laboratory Result (pCi/L)	Laboratory Flag	Validation Result (pCi/L)	Validation Qualifier	Reason Code
WAN-WGWC-28D	Radium-228	7.15	NA	7.15	J	BEH
WAN-WGWC-28D	Combined Radium 226 + 228	10.4	NA	10.4	J	BEH
WAN-WGWC-8A	Radium-228	1.74	NA	1.74	J	BEH
WAN-WGWC-8A	Combined Radium 226 + 228	2.52	NA	2.52	J	BEH

pCi/L-picocuries per liter
NA-not applicable

4.10 Field Duplicate

Four field duplicate samples, WAN-AP1-FD-01, WAN-AP1-FD-02, WAN-AP1-FD-03 and WAN-AP1-FD-08, were collected with the sample set. Acceptable precision [mean difference (MD) ≤ 3, RPD < 20% or difference < RL] was demonstrated between the field duplicate and the original samples, WAN-WGWC-16, WAN-WGWC-25, WAN-WGWC-17, and WAN-PZ-26D.

4.11 Sensitivity

The samples were reported to the MDCs. No elevated non-detect results were reported.

4.12 Electronic Data Deliverable Review

The results and sample IDs in the EDD were reviewed against the information provided by the associated level II report at a minimum of 20% as part of the data validation process. No discrepancies were identified between the level II report and the EDD.

* * * * *

DATA VALIDATION QUALIFIER DEFINITIONS AND INTERPRETATION KEY
Assigned by Geosyntec's Data Validation Team

DATA QUALIFIER DEFINITIONS

U The analyte was analyzed for but was not detected at or above the reported sample quantitation limit. Upon application of the U qualifier to a reported result, the definition changes to "not detected at or above the reported result."

J The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.

J+ The analyte was positively identified; however, the associated numerical value is likely to be higher than the concentration of the analyte in the sample due to positive bias of associated QC or calibration data or attributable to matrix interference.

J- The analyte was positively identified; however, the associated numerical value is likely to be lower than the concentration of the analyte in the sample due to negative bias of associated QC or calibration data or attributable to matrix interference.

UJ The analyte was not detected at or above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.

R The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.

V Historical undefined qualifier.

ATTACHMENT 2
DATA VALIDATION REASON CODES
Assigned by Geosyntec's Data Validation Team

DQM Reason Code	Description
AB1	> Samples in batch
AB2	QC sample missing
AB3	Batch analysis time exceeded
BAH	Contamination detected in the Ambient Blank greater than or equal to the Quantitation Limit.
BAL	Contamination detected in the Ambient Blank less than the Quantitation Limit.
BC	Calibration blank contamination
BC1	assoc. result < RL
BC2	assoc. result > RL < mult.
BC3	assoc. result > RL > mult.
BEH	Contamination detected in the Equipment Blank greater than or equal to the Quantitation Limit.
BEL	Contamination detected in the Equipment Blank less than the Quantitation Limit.
BF	Field blank contamination
BF1	assoc. result < RL
BF2	assoc. result > RL < mult.
BF3	assoc. result > RL > mult.
BFH	Contamination detected in the Field Blank greater than or equal to the Quantitation Limit.
BFL	Contamination detected in the Field Blank less than the Quantitation Limit.
BL	Laboratory blank contamination
BL1	assoc. result < RL
BL2	assoc. result > RL < mult.
BL3	assoc. result > RL > mult.
BLH	Contamination detected in the Lab Blank greater than or equal to the Quantitation Limit.
BLL	Contamination detected in the Lab Blank less than the Quantitation Limit.
BT	Trip blank contamination
BT1	assoc. result < RL
BT2	assoc. result > RL < mult.
BT3	assoc. result > RL > mult.
BTH	Contamination detected in the Trip Blank greater than or equal to the Quantitation Limit.
BTL	Contamination detected in the Trip Blank less than the Quantitation Limit.
CA1	Column difference
CC1	CCV %D
CC2	CCV %R
CC3	CCV RRF
CI1	IC RSD
CI2	IC RRF
CR1	Calibration range
CV1	ICV or CCV %D

DQM Reason Code	Description
CV2	ICV or CCV %R
CV3	ICV CCV RRF
DF1	Dilution Factor > 1
DL	Dilution Factor > 1
DVT1	The Dissolved Result > Total Result and the absolute difference > the AD_MULTIPLIER_CL * Detection Limit
DVT2	The Dissolved Result > Total Result and the absolute difference > AD_MULTIPLIER_UCO * Detection Limit
DVT3	The Dissolved Result > Total Result and the relative percent difference (RPD) > RPD_CL
DVT4	The Dissolved Result > Total Result and the relative percent difference (RPD) > RPD_UCO
ER1	MDL=<RESULT<RL (INORGANIC)
ER2	MDL=<RESULT<RL (ORGANIC)
FBC1	BLANK CONTAMINATION
FBC2	RESULT < BLANK * MULTIPLIER
FBC3	RESULT > BLANK * MULTIPLIER
FD1	Field duplicate RPD
FD2	Field duplicate abs. diff.
GHT1	GROSS_QUALIFIER_HIT
GHT2	GROSS_QUALIFIER_NON_DETECT
HP1	Hydrocarbon pattern
HT1	Holding time samp. to preservation
HT2	Holding time samp. to analysis
HT3	Holding time gros. samp. to pres.
HT4	Holding time gros. samp. to analysis
IS1	Internal standard
LBC1	BLANK CONTAMINATION
LBC2	RESULT < BLANK * MULTIPLIER
LBC3	RESULT > BLANK * MULTIPLIER
LD1	Lab duplicate RPD
LD2	Lab duplicate abs. diff.
LS1	LS %R
LS2	LS RPD
MS1	MS %R
MS2	MS RPD
MS3	Parent >4x spike
MS4	Spike diluted out
NP1	Non-Preferred Result

DQM Reason Code	Description
NR1	NUMERIC RESULTS
OT1	Other quality issue
PS1	BETWEEN CONTROL AND WARNING LIMITS
PS2	INVALID
PS3	LESS THAN LOWER CONTROL LIMIT
PS4	LESS THAN LOWER WARNING LIMIT
PT1	The preservative for this test id does not match the required preservative in RT_HOLDING_TIME.
RDL1	EXCEEDS REQUIRED DETECTION LIMIT
RL1	ND > project limit
RO1	Other rad. issue
RPD1	LCS/LCSD
RPD2	LCS/LCSD_NON_DETECT
RPD3	MS/MSD
RPD4	MS/MSD_NON_DETECT
RPD5	Orig/Dup
RPD6	Orig/Dup_NON_DETECT
RPDF1	FIELD DUPLICATE
RPDF2	FIELD DUPLICATE NON_DETECT
RQ1	Rad. quantitation issue
RR1	Repeated result same method
RR2	Repeated result diff. method
RSD1	RSD exceeds CL for LCS sample
RSD2	RSD exceeds CL for MS sample
RSD3	RSD exceeds CL for Lab sample
RSD4	RSD exceeds CL for Field sample
RY1	Tracer or carrier
SD1	Serial dilution
SO1	High moisture
SO2	Wet weight
SP1	Preservation, temp
SP2	Preservation, pH
SP3	Preservation, headspace
SPR1	BLANK SPIKE > UCL
SPR10	EarthSoft.DQM.SpikeRecovery2
SPR11	EarthSoft.DQM.SpikeRecovery2
SPR12	EarthSoft.DQM.SpikeRecovery2
SPR2	INORGANIC SPIKE > UCL
SPR3	ORGANIC SPIKE > UCL

DQM Reason Code	Description
SPR4	LCL > BLANK > LOW_CUTOFF
SPR5	LCL > INORG > LOW_CUTOFF
SPR6	LCL > ORG > LOW_CUTOFF
SPR7	BLANK SPIKE < LOW_CUTOFF
SPR8	INORGANIC SPIKE < LOW_CUTOFF
SPR9	ORGANIC SPIKE < LOW_CUTOFF
SU	Surrogate outlier
SU1	Surrogate
SU2	Surrogate diluted out
SURR1	ASSO. DETECTS OF LCL > REC > LOW_CUTOFF
SURR10	EarthSoft.DQM.SurrogateRecovery
SURR11	EarthSoft.DQM.SurrogateRecovery
SURR12	EarthSoft.DQM.SurrogateRecovery
SURR2	ASSO. DETECTS OF REC < LOW_CUTOFF
SURR3	ASSO. DETECTS OF REC > UCL
SURR4	ASSO. NDS OF LCL > REC > LOW_CUTOFF
SURR5	ASSO. NDS OF REC < LOW_CUTOFF
SURR6	ASSO. NDS OF REC > UCL
SURR7	LCL > REC > LOW_CUTOFF
SURR8	REC < LOW_CUTOFF
SURR9	REC > UCL
TBC1	BLANK CONTAMINATION
TBC2	RESULT < BLANK * MULTIPLIER
TBC3	RESULT > BLANK * MULTIPLIER
TR	Trace Detection
TR1	Trace detection
TRA1	Tracer is outside of UCL or LCL
TRA2	Associated result of a tracer less than the LCL
TRA3	Associated detect result of a tracer greater than the UCL
VC1	Canister vacuum
VC2	Canister contamination
VSU1	INVALID SAMPLE UNIT TYPE
VSU2	MISSING SAMPLE UNIT TYPE
VSU3	NON-DEFAULT RESULT UNIT

AD-Absolute Difference
CCV-Continuous Calibration Verification
CL-Control Limit
%D-Percent Difference
IC-Initial Calibration

ICV-Initial Calibration Verification
INORG-Inorganic
LCL-Lower Control Limit
LCS-Laboratory Control Spike
LCSD-Laboratory Control Spike Duplicate
LS-Laboratory Spike
MDL-Method Detection Limit
MS-Matrix Spike
MSD-Matrix Spike Duplicate
ND-Not Detected
ORG-Organic
QC-Quality Control
%R-Percent Recovery
REC-Recovery
RL-Reporting Limit
RPD-Relative Percent Difference
RRF-Relative Response Factor
RSD-Relative Standard Deviation
UCL-Upper Control Limit
UCO-Upper Cut Off

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Memorandum

Date: 31 August 2026

To: Robert Singleton

From: Chase Harris

CC: Kristoffer Henderson

Subject: Stage 2A Data Validation - Level II Data Deliverable – Eurofins Laboratory Job IDs 705-67465-1

SITE: Plant Wansley Ash Pond - Quarterly Background (4th)

INTRODUCTION

This report summarizes the findings of the Stage 2A data validation of eighteen water samples, two equipment blanks, two field blanks, and two field duplicates, collected 18-22 May 2026, as part of the Plant Wansley Ash Pond on-site sampling event.

Samples were analyzed at Eurofins Atlanta - Atlanta, Georgia, for the following analytical tests:

- Metals by United States (US) Environmental Protection Agency (EPA) Methods 3005A/6020B and 3010A/6010D
- Mercury by USEPA Method 7470A
- Anions (Chloride, Fluoride and Sulfate) by USEPA Method 300.0
- Total Dissolved Solids (TDS) by Standard Method (SM) 2540C-2015

EXECUTIVE SUMMARY

Overall, based on this Stage 2A data validation covering the quality control (QC) parameters listed below and based on the information provided, the data as qualified are usable for supporting project objectives. The qualified data should be used within the limitations of the qualifications.

The data were reviewed based on the pertinent methods referenced in the laboratory report, professional and technical judgment, and the following documents:

- United States (US) EPA Region IV Data Validation Standard Operating Procedures (US EPA Region IV, September 2011);
- USEPA National Functional Guidelines for Inorganic Superfund Methods Data Review, November 2020 (EPA 542-R-20-006); and
- Idaho National Engineering and Environmental Laboratory, Radioanalytical Data Validation, May 11, 2004 (GDE-205).

The following samples were analyzed and reported in the laboratory reports:

Laboratory IDs	Client IDs
705-67465-1	WAN-WGWC-33
705-67465-2	WAN-WGWC-37S
705-67465-3	WAN-WGWC-38D
705-67465-4	WAN-AP1-FB-15
705-67465-5	WAN-WGWC-40
705-67465-6	WAN-WGWC-31S
705-67465-7	WAN-AP1-EB-09
705-67465-8	WAN-WGWC-32
705-67465-9	WAN-AP1-FD-09
705-67793-1	WAN-WGWC-8A
705-67793-2	WAN-WGWC-35S
705-67793-3	WAN-WGWC-37D

Laboratory IDs	Client IDs
705-67793-4	WAN-WGWC-38S
705-67793-5	WAN-AP1-EB-10
705-67793-6	WAN-AP1-FD-10
705-67793-7	WAN-WGWC-30
705-67793-8	WAN-WGWC-34S
705-67793-9	WAN-WGWC-36D
705-67793-10	WAN-WGWC-31D
705-67793-11	WAN-WGWC-39
705-67793-12	WAN-WGWC-35D
705-67793-13	WAN-AP1-FB-16
705-67793-14	WAN-WGWC-36S
705-67793-15	WAN-WGWC-34D

Field Blanks

Field Blanks	
WAN-AP1-FB-15	**WAN-AP1-FB-16**
Samples taken on 5/18/2026 and 5/19/2026.	Samples taken from 05/20/2026 to 05/22/2026.

Equipment Blanks

Equipment Blanks	
WAN-AP1-EB-09	**WAN-AP1-EB-10**
Peri Pump	**Bladder Pump**
WGWC-30	WGWC-8A
WGWC-31S	WGWC-31D
WGWC-32	WGWC-34D
WGWC-33	WGWC-34S
WGWC-40	WGWC-35D
	WGWC-35S
	WGWC-36D
	WGWC-37D
	WGWC-37S
	WGWC-38D
	WGWC-38S
	WGWC-39

The laboratory reported results for the analytical method(s) requested for each sample on the chain of custody (COC).

The samples were received within 0-6 degrees Celsius (°C). No sample preservation issues were noted by the laboratory.

The sample collection times were not listed on the COC for the field duplicate samples, WAN-AP1-FD-09 and WAN-AP1-FD-10. The laboratory logged the field duplicate samples in with the collection time of 00:00.

On two of the three COC pages, there were time inconsistencies for the Received by sample transfer times. The first sample relinquishing was documented as 05/22/26, 1740 and the first sample receiving was documented as 05/22/26, 543.

1.0 METALS

The samples were analyzed for metals by US EPA methods 3005A/6020B and 3010A/6010D. (Mercury was evaluated separately in Section 2.0, below).

The areas of data review are listed below. A leading check mark (✓) indicates an area of review in which the data were acceptable or not applicable. A preceding crossed circle (⊗) signifies areas where issues were raised during the course of the validation review and should be considered to determine impact on data quality and usability.

✓ Overall Assessment
✓ Holding Time
⊗ Method Blank
⊗ Matrix Spike/Matrix Spike Duplicate
✓ Laboratory Control Sample
⊗ Field Blank
⊗ Equipment Blank
✓ Field Duplicate
✓ Sensitivity
✓ Electronic Data Deliverable Review

1.1 Overall Assessment

1.1.1 Completeness

The metals data reported in this data package are considered usable for supporting project objectives. The results are considered valid; the analytical completeness defined as the ratio of the number of valid analytical results (valid analytical results include values qualified as estimated) to

the total number of analytical results requested on samples submitted for this analysis, for this data set is 100%.

1.1.2 Analysis Anomaly

The continuing calibration verification (CCV) associated with batch 137861 recovered above the upper control limit for chromium. Since the chromium results of the associated samples were reported from a different analytical batch, no qualifications were applied to the data.

1.2 Holding Time

The holding time for the metals analysis of a water sample is 180 days from sample collection to analysis. The holding time was met for the sample analyses.

1.3 Method Blank

Method blanks were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). Metals were not detected in the method blanks at or above the method detection limits (MDLs), with the following exceptions.

Cobalt (0.000864 mg/L) and molybdenum (0.000999 mg/L) were detected in the method blank of batch 137861 at estimated concentrations greater than the MDLs and less than the RLs. Therefore, the estimated concentrations of cobalt in samples WAN-AP1-EB-10 and WAN-WGWC-8A were U qualified as not detected at or above the RL. The estimated concentration of molybdenum in sample WAN-WGWC-35S was U qualified as not detected at or above the RL. The nondetect cobalt and molybdenum results and cobalt and molybdenum results greater than the RLs and greater than ten times the method blank concentrations of the associated samples were not qualified.

Barium (0.0120 mg/L) was detected in the method blank of preparation batch 137870 and analyzed in analytical batch 138525 at a detected concentration at or above the RL. Therefore, the estimated barium concentrations in samples WAN-AP1-FB-16 and WAN-WGWC-31D were U qualified as not detected at the RL. However, for the associated samples reported from analytical batch 138843 with no detection of barium greater than or equal to the MDL in the method blank, no qualifications were applied to the data.

Sample ID	Compound	Laboratory Result (mg/L)	Laboratory Flag	Validation Result (mg/L)	Validation Qualifier*	Reason Code**
WAN-AP1-EB-10	Cobalt	0.0021	JB	0.0050	U	BL1
WAN-WGWC-35S	Molybdenum	0.00080	JB	0.0050	U	BL1
WAN-WGWC-8A	Cobalt	0.0035	JB	0.0050	U	BL1

Sample ID	Compound	Laboratory Result (mg/L)	Laboratory Flag	Validation Result (mg/L)	Validation Qualifier*	Reason Code**
WAN-AP1-FB-16-WQ-20260522	Barium	0.00043	JB	0.010	U	BL1
WAN-WGWC-31D-WG-20260521	Barium	0.0039	JB	0.010	U	BL1

mg/L: milligrams per liter
J: The result is less than the reporting limit, but greater than or equal to the method detection limit, and the concentration is an approximate value
B: Analyte was detected in the associated method blank
* Validation qualifiers are defined in Attachment 1 at the end of this report
**Reason codes are defined in Attachment 2 at the end of this report

1.4 Matrix Spike/Matrix Spike Duplicate (MS/MSD)

MS/MSDs were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). Two sample set specific MS/MSD pairs were reported using samples WAN-WGWC-8A and WAN-AP1-FB-16. The recovery and relative percent difference (RPD) results were within the laboratory specified acceptance criteria, with the following exceptions.

The recoveries of chromium in the MS and MSD of sample WAN-WGWC-8A were low and outside of the laboratory specified acceptance criteria. It was noted the MS/MSD recovery was calculated with a detection of chromium in sample WAN-WGWC-8A at 0.028 milligrams per liter (mg/L); however, since the chromium result for sample WAN-WGWC-8A was reported from a reanalysis the MS/MSD pair recoveries were recalculated by the validator and the recalculated recoveries were within the laboratory specified acceptance criteria. Therefore, no qualifications were applied to the data.

The recoveries of chromium in the MS and MSD of sample WAN-AP1-FB-16 were low and outside of the laboratory specified acceptance criteria. Therefore, the detected concentration of chromium in sample WAN-AP1-FB-16 was J- qualified as estimated with low bias.

Sample ID	Compound	Laboratory Result (mg/L)	Laboratory Flag	Validation Result (mg/L)	Validation Qualifier	Reason Code
WAN-AP1-FB-16	Chromium	0.025	F1	0.025	J-	MS1

mg/L: milligrams per liter
F1: laboratory flag indicating the matrix spike and/or matrix spike duplicate was outside acceptance criteria

Batch MS/MSD pairs were also reported with the sample set. Since these were batch QC, the results do not affect the samples in this data set, and qualifications were not applied to the data.

1.5 Laboratory Control Sample (LCS)

LCSs were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). The recovery results were within the laboratory specified acceptance criteria.

1.6 Field Blank

Two field blanks, WAN-AP1-FB-15 and WAN-AP1-FB-16, were collected with the sample set. Metals were not detected in the field blanks at or above the MDLs, with the following exceptions.

Boron (0.027 mg/L) was detected at an estimated concentration at or above the MDL and less than the RL in field blank WAN-AP1-FB-15. Therefore, the boron concentrations in samples WAN-AP1-FD-09 and WAN-WGWC-32 were J+ qualified as estimated with high bias. For the boron result in the associated samples that were either nondetect or detected at concentrations greater than ten times the field blank contamination in the associated samples, no qualifications were applied to the data.

Thallium (0.00027 mg/L), barium (0.00043 mg/L), and molybdenum (0.0012 mg/L) were detected at estimated concentrations at or above the MDLs and less than the RLs in field blank WAN-AP1-FB-16. Therefore, the estimated concentrations of thallium in samples WAN-WGWC-34S, WAN-WGWC-35S and WAN-WGWC-8A; and molybdenum in samples WAN-WGWC-36S and WAN-WGWC-39 were U qualified as not detected at or above the RL. The detected concentration of molybdenum in sample WAN-WGWC-8A was J+ qualified as estimated with high bias. Since the remaining samples were either nondetect or detected at concentrations greater than ten times the field blank contamination, no qualifications were applied to the data. Since the barium concentration in WAN-AP1-FB-16-WQ-20260522 was U qualified due to method blank contamination, no additional qualifications were applied to the barium data.

Chromium (0.025 mg/L) was detected at or above the RL in field blank WAN-AP1-FB-16. Since chromium was not detected in the associated samples at or above the MDL, no qualifications were applied to the data.

Sample ID	Compound	Laboratory Result (mg/L)	Laboratory Flag	Validation Result (mg/L)	Validation Qualifier	Reason Code
WAN-AP1-FD-09	Boron	0.23	NA	0.23	J+	BF2
WAN-WGWC-32	Boron	0.24	NA	0.24	J+	BF2
WAN-WGWC-34S	Thallium	0.00029	J	0.0010	U	BF1
WAN-WGWC-35S	Thallium	0.00020	J	0.0010	U	BF1
WAN-WGWC-36S	Molybdenum	0.00083	J	0.0050	U	BF1
WAN-WGWC-39	Molybdenum	0.0013	J	0.0050	U	BF1

Sample ID	Compound	Laboratory Result (mg/L)	Laboratory Flag	Validation Result (mg/L)	Validation Qualifier	Reason Code
WAN-WGWC-8A	Thallium	0.00019	J	0.0010	U	BFL|BL1
WAN-WGWC-8A	Molybdenum	0.0083	B	0.0083	J+	BF2

mg/L: milligrams per liter
NA: not applicable
J: Result is less than the reporting limit but greater than or equal to the method detection limit and the concentration is an approximate value
B: Analyte was detected in the associated method blank

1.7 Equipment Blank

Two equipment blanks, WAN-AP1-EB-09 (peri pump) and WAN-AP1-EB-10 (bladder pump), were collected with the sample set. Metals were not detected in the equipment blanks at or above the MDLs, with the following exceptions.

Cobalt (0.0021 mg/L) and barium (0.0057 mg/L) were detected at estimated concentrations at or above the MDLs and less than the RLs in equipment blank WAN-AP1-EB-10. Therefore, the estimated cobalt concentrations in the associated samples were U qualified as not detected at or above the RL. The detected concentrations of cobalt and barium in the associated samples, at or above the MDLs and less than five times the equipment blank concentrations were J+ qualified as estimated with high bias. The nondetect cobalt and barium results of the associated samples and the detected concentrations of cobalt and barium in the associated samples greater than five times the equipment blank concentrations were not qualified. Since the cobalt concentration in WAN-AP1-EB-10 was U qualified due to method blank contamination, no additional qualifications were applied to the cobalt data.

Sample ID	Compound	Laboratory Result (mg/L)	Laboratory Flag	Validation Result (mg/L)	Validation Qualifier	Reason Code
WAN-WGWC-34D	Barium	0.035	NA	0.035	J+	BEL
WAN-WGWC-34S	Barium	0.026	NA	0.026	J+	BEL
WAN-WGWC-35S	Barium	0.028	NA	0.028	J+	BEL
WAN-WGWC-36D	Barium	0.027	NA	0.027	J+	BEL
WAN-WGWC-38D	Barium	0.027	NA	0.027	J+	BEL
WAN-WGWC-39	Barium	0.051	NA	0.051	J+	BEL
WAN-WGWC-8A	Barium	0.0089	J	0.010	U	BEL

mg/L: milligrams per liter
NA: not applicable
J: Result is less than the reporting limit but greater than or equal to the method detection limit and the concentration is an approximate value

1.8 Field Duplicate

Two field duplicate samples, WAN-AP1-FD-09 and WAN-AP1-FD-10, were collected with the sample set. Acceptable precisions (RPDs ≤30%) were demonstrated between the field duplicates and the original samples, WAN-WGWC-32 and WAN-WGWC-30 respectively.

1.9 Sensitivity

The samples were reported to the MDLs. Elevated nondetect results were not reported.

1.10 Electronic Data Deliverable Review

The results and sample IDs in the EDD were reviewed against the information provided by the associated level II report at a minimum of 20% as part of the data validation process. No discrepancies were identified between the level II report and the EDD.

2.0 MERCURY

The samples were analyzed for mercury per US EPA method 7470A.

The areas of data review are listed below. A leading check mark (✓) indicates an area of review in which the data were acceptable or not applicable. A preceding crossed circle (⊗) signifies areas where issues were raised during the course of the validation review and should be considered to determine impact on data quality and usability.

- ✓ Overall Assessment
- ✓ Holding Times
- ✓ Method Blank
- ✓ Matrix Spike/Matrix Spike Duplicate
- ✓ Laboratory Control Sample
- ✓ Field Blank
- ✓ Equipment Blank
- ✓ Field Duplicate
- ✓ Sensitivity
- ✓ Electronic Data Deliverable Review

2.1 Overall Assessment

The mercury data reported in this data package are considered to be usable for supporting project objectives. The results are considered valid; the analytical completeness, defined as the ratio of the number of valid analytical results (valid analytical results include values qualified as estimated) to the total number of analytical results requested on the samples submitted for this analysis, for this data package is 100%.

2.2 Holding Times

The holding time for the mercury analysis of a water sample is 28 days from sample collection to analysis. The holding time was met for the sample analyses.

2.3 Method Blank

Method blanks were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). Mercury was not detected in the method blanks at or above the MDL.

2.4 Matrix Spike/Matrix Spike Duplicate

MS/MSD pairs were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). Batch MS/MSD pairs were reported for batches 138226 and 138229. Since these were batch QC, the results were not qualified.

2.5 Laboratory Control Sample

LCSs were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). The recovery results were within the laboratory specified acceptance criteria.

2.6 Field Blank

Two field blanks, WAN-AP1-FB-15 and WAN-AP1-FB-16, were collected with the sample set. Mercury was not detected in the field blanks at or above the MDLs.

2.7 Equipment Blank

Two equipment blanks, WAN-AP1-EB-09 (peri pump) and WAN-AP1-EB-10 (bladder pump), were collected with the sample set. Mercury was not detected in the equipment blank at or above the MDLs.

2.8 Field Duplicate

Two field duplicate samples, WAN-AP1-FD-09 and WAN-AP1-FD-10, were collected with the sample set. Acceptable precision (RPD <30%) was demonstrated between the field duplicates and the original samples, WAN-WGWC-32 and WAN-WGWC-30 respectively.

2.9 Sensitivity

The samples were reported to the MDLs. Elevated nondetect results were not reported. The MDLs met the reference limits listed in QAPP Worksheet #15 of the QAPP.

2.10 Electronic Data Deliverable Review

Results and sample IDs in the EDD were reviewed against the information provided by the associated level II report at a minimum of 20%. No discrepancies were identified between the level II report and the EDD.

3.0 WET CHEMISTRY

The samples were analyzed for anions by US EPA method 300.0 and TDS by SM 2540C.

The areas of data review are listed below. A leading check mark (✓) indicates an area of review in which the data were acceptable or not applicable. A preceding crossed circle (⊗) signifies areas where issues were raised during the course of the validation review and should be considered to determine impact on data quality and usability.

✓ Overall Assessment
✓ Holding Times
✓ Method Blank
⊗ Matrix Spike/Matrix Spike Duplicate
✓ Laboratory Control Sample
⊗ Field Blank
⊗ Equipment Blank
✓ Field Duplicate
✓ Laboratory Duplicate
✓ Sensitivity
✓ Electronic Data Deliverable Review

3.1 Overall Assessment

The wet chemistry data reported in this data package are considered to be usable for supporting project objectives. The results are considered valid; the analytical completeness, defined as the ratio of the number of valid analytical results (valid analytical results include values qualified as estimated) to the total number of analytical results requested on the samples submitted for this analysis, for this data package is 100%.

3.2 Holding Times

The holding times for the wet chemistry parameters are listed below.

Analyte	Method	Holding Time
Anions (chloride, fluoride, sulfate)	US EPA Method 300	28 days from collection to analysis
TDS	SM 2540C	7 days from collection to analysis

The holding times were met for the sample analyses.

3.3 Method Blank

Method blanks were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). The wet chemistry parameters were not detected in the method blanks at or above the MDLs.

3.4 Matrix Spike/Matrix Spike Duplicate

MS/MSDs were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples).

One sample set specific MS/MSD pair was reported for anions using sample WAN-AP1-FD-10. The recovery and RPD results were within the laboratory specified acceptance criteria, with the following exceptions.

The recoveries of chloride and sulfate in the MS and MSD of sample WAN-AP1-FD-10 were low and outside of the laboratory specified acceptance criteria. Therefore, the detected concentration of chloride in sample WAN-AP1-FD-10 was J- qualified as estimated with low bias, and the nondetect sulfate result of sample WAN-AP1-FD-10 was UJ qualified as estimated less than the MDL.

Sample ID	Compound	Laboratory Result (mg/L)	Laboratory Flag	Validation Result (mg/L)	Validation Qualifier	Reason Code
WAN-AP1-FD-10	Chloride	1.4	F1	1.4	J-	MS1
WAN-AP1-FD-10	Sulfate	0.77	UF1	0.77	UJ	MS1

mg/L: milligrams per liter
U: not detected at or above the reporting limit
F1: laboratory flag indicating the matrix spike and/or matrix spike duplicate was outside acceptance criteria

Batch MS/MSD pairs were also analyzed for anions. Since these were batch QC, the results were not qualified.

3.5 Laboratory Control Sample

LCSs were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). The recovery and RPD results were within the laboratory specified acceptance criteria.

3.6 Field Blank

Two field blanks, WAN-AP1-FB-15 and WAN-AP1-FB-16, were collected with the sample set. The wet chemistry parameters were not detected in the field blanks at or above the MDLs, with the following exceptions.

Fluoride (0.12 and 0.12 mg/L) was detected at estimated concentrations greater than the MDL and less than the RL in field blanks WAN-AP1-FB-15 and WAN-AP1-FB-16. Therefore, the estimated concentrations of fluoride in the associated samples were U qualified as nondetect at or above the RL. The detected concentrations of fluoride at or above the RL and less than ten times the field blank concentrations were J+ qualified as estimated with high bias.

Sample ID	Compound	Laboratory Result (mg/L)	Laboratory Flag	Validation Result (mg/L)	Validation Qualifier	Reason Code
WAN-AP1-EB-09	Fluoride	0.13	J	0.20	U	BF1
WAN-AP1-EB-10	Fluoride	0.12	J	0.20	U	BF1
WAN-AP1-FD-09	Fluoride	0.17	J	0.20	U	BF1
WAN-AP1-FD-10	Fluoride	0.13	J	0.20	U	BF1
WAN-WGWC-30	Fluoride	0.12	J	0.20	U	BF1
WAN-WGWC-31S	Fluoride	0.15	J	0.20	U	BF1
WAN-WGWC-32	Fluoride	0.19	J	0.20	U	BF1
WAN-WGWC-33	Fluoride	0.85	NA	0.85	J+	BF2
WAN-WGWC-34D	Fluoride	0.57	NA	0.57	J+	BF2
WAN-WGWC-34S	Fluoride	0.14	J	0.20	U	BF1
WAN-WGWC-35D	Fluoride	0.19	J	0.20	U	BF1
WAN-WGWC-35S	Fluoride	0.25	NA	0.25	J+	BF2
WAN-WGWC-36D	Fluoride	0.14	J	0.20	U	BF1
WAN-WGWC-36S	Fluoride	0.20	NA	0.20	J+	BF2
WAN-WGWC-37D	Fluoride	0.16	J	0.20	U	BF1
WAN-WGWC-37S	Fluoride	0.27	NA	0.27	J+	BF2
WAN-WGWC-38D	Fluoride	0.20	NA	0.20	J+	BF2
WAN-WGWC-38S	Fluoride	0.16	J	0.20	U	BF1
WAN-WGWC-39	Fluoride	0.15	J	0.20	U	BF1
WAN-WGWC-40	Fluoride	0.13	J	0.20	U	BF1

mg/L: milligrams per liter
NA: not applicable
J: result is less than the reporting limit but greater than or equal to the method detection limit and the concentration is an approximate value

TDS (10 mg/L) was detected at a concentration at or above the RL in field blank WAN-AP1-FB-15. Therefore, the detected concentrations of TDS in the associated samples, greater than the RLs and less than ten times the field blank concentration were J+ qualified as estimated with high bias. No qualifications were applied to the nondetect sample results or the sample concentrations greater than ten times the field blank concentration.

Sample ID	Compound	Laboratory Result (mg/L)	Laboratory Flag	Validation Result (mg/L)	Validation Qualifier	Reason Code
WAN-AP1-FD-09	Total Dissolved Solids	90	NA	90	J+	BF2
WAN-WGWC-31S	Total Dissolved Solids	61	NA	61	J+	BF2
WAN-WGWC-32	Total Dissolved Solids	90	NA	90	J+	BF2
WAN-WGWC-40	Total Dissolved Solids	30	NA	30	J+	BF2

mg/L: milligrams per liter
NA: not applicable

3.7 Equipment Blank

Two equipment blanks, WAN-AP1-EB-09 (peri pump) and WAN-AP1-EB-10 (bladder pump), were collected with the sample set. Wet chemistry parameters were not detected in the equipment blanks at or above the MDLs, with the following exceptions.

Fluoride (0.13 mg/L and 0.12 mg/L) was detected at estimated concentrations greater than the MDLs and less than the RLs in equipment blanks WAN-AP1-EB-09 and WAN-AP1-EB-10 respectively. Since the concentrations of fluoride in equipment blanks WAN-AP1-EB-09 and WAN-AP1-EB-10 were U qualified as not detected at or above the RL due to field blank contamination, no additional qualifications were applied to the data.

TDS (25 mg/L) was detected at a concentration greater than the RL in equipment blank WAN-AP1-EB-10. Therefore, the detected concentrations of TDS in the associated samples, greater than the RLs and less than ten times the equipment blank concentration were J+ qualified as estimated with high bias. The nondetect TDS results of the associated samples were not qualified, and the detected concentrations of TDS in the associated samples greater than ten times the equipment blank concentration were not qualified.

Sample ID	Compound	Laboratory Result (mg/L)	Laboratory Flag	Validation Result (mg/L)	Validation Qualifier	Reason Code
WAN-AP1-FD-10	Total Dissolved Solids	45	NA	45	J+	BEH
WAN-WGWC-31D	Total Dissolved Solids	190	NA	190	J+	BEH
WAN-WGWC-34S	Total Dissolved Solids	31	NA	31	J+	BEH
WAN-WGWC-35D	Total Dissolved Solids	170	NA	170	J+	BEH
WAN-WGWC-35S	Total Dissolved Solids	210	NA	210	J+	BEH
WAN-WGWC-36D	Total Dissolved Solids	74	NA	74	J+	BEH
WAN-WGWC-36S	Total Dissolved Solids	160	NA	160	J+	BEH
WAN-WGWC-37D	Total Dissolved Solids	170	NA	170	J+	BEH
WAN-WGWC-39	Total Dissolved Solids	38	NA	38	J+	BEH

mg/L-milligrams per liter
NA-not applicable

3.8 Field Duplicate

Two field duplicate samples, WAN-AP1-FD-09 and WAN-AP1-FD-10, were collected with the sample set. Acceptable precisions (RPDs <30%) were demonstrated between the field duplicates and the original samples, WAN-WGWC-32 and WAN-WGWC-30 respectively.

3.9 Laboratory Duplicate

Batch laboratory duplicates were reported for TDS. Since these were batch QC, the results were not qualified.

3.10 Sensitivity

The samples were reported to the MDLs. Elevated nondetect results were reported due to the dilutions analyzed.

3.11 Electronic Data Deliverable Review

The results and sample IDs in the EDD were reviewed against the information provided by the associated level II report at a minimum of 20% as part of the data validation process. No discrepancies were identified between the level II report and the EDD.

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DATA VALIDATION QUALIFIER DEFINITIONS AND INTERPRETATION KEY
Assigned by Geosyntec's Data Validation Team

DATA QUALIFIER DEFINITIONS

U The analyte was analyzed for but was not detected at or above the reported sample quantitation limit. Upon application of the U qualifier to a reported result, the definition changes to "not detected at or above the reported result."

J The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.

J+ The analyte was positively identified; however, the associated numerical value is likely to be higher than the concentration of the analyte in the sample due to positive bias of associated QC or calibration data or attributable to matrix interference.

J- The analyte was positively identified; however, the associated numerical value is likely to be lower than the concentration of the analyte in the sample due to negative bias of associated QC or calibration data or attributable to matrix interference.

UJ The analyte was not detected at or above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.

R The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.

V Historical undefined qualifier.

ATTACHMENT 2
DATA VALIDATION REASON CODES
Assigned by Geosyntec's Data Validation Team

DQM Reason Code	Description
AB1	> Samples in batch
AB2	QC sample missing
AB3	Batch analysis time exceeded
BAH	Contamination detected in the Ambient Blank greater than or equal to the Quantitation Limit.
BAL	Contamination detected in the Ambient Blank less than the Quantitation Limit.
BC	Calibration blank contamination
BC1	assoc. result < RL
BC2	assoc. result > RL < mult.
BC3	assoc. result > RL > mult.
BEH	Contamination detected in the Equipment Blank greater than or equal to the Quantitation Limit.
BEL	Contamination detected in the Equipment Blank less than the Quantitation Limit.
BF	Field blank contamination
BF1	assoc. result < RL
BF2	assoc. result > RL < mult.
BF3	assoc. result > RL > mult.
BFH	Contamination detected in the Field Blank greater than or equal to the Quantitation Limit.
BFL	Contamination detected in the Field Blank less than the Quantitation Limit.
BL	Laboratory blank contamination
BL1	assoc. result < RL
BL2	assoc. result > RL < mult.
BL3	assoc. result > RL > mult.
BLH	Contamination detected in the Lab Blank greater than or equal to the Quantitation Limit.
BLL	Contamination detected in the Lab Blank less than the Quantitation Limit.
BT	Trip blank contamination
BT1	assoc. result < RL
BT2	assoc. result > RL < mult.
BT3	assoc. result > RL > mult.
BTH	Contamination detected in the Trip Blank greater than or equal to the Quantitation Limit.
BTL	Contamination detected in the Trip Blank less than the Quantitation Limit.
CA1	Column difference
CC1	CCV %D
CC2	CCV %R
CC3	CCV RRF
CI1	IC RSD
CI2	IC RRF
CR1	Calibration range
CV1	ICV or CCV %D

DQM Reason Code	Description
CV2	ICV or CCV %R
CV3	ICV CCV RRF
DF1	Dilution Factor > 1
DL	Dilution Factor > 1
DVT1	The Dissolved Result > Total Result and the absolute difference > the AD_MULTIPLIER_CL * Detection Limit
DVT2	The Dissolved Result > Total Result and the absolute difference > AD_MULTIPLIER_UCO * Detection Limit
DVT3	The Dissolved Result > Total Result and the relative percent difference (RPD) > RPD_CL
DVT4	The Dissolved Result > Total Result and the relative percent difference (RPD) > RPD_UCO
ER1	MDL=<RESULT<RL (INORGANIC)
ER2	MDL=<RESULT<RL (ORGANIC)
FBC1	BLANK CONTAMINATION
FBC2	RESULT < BLANK * MULTIPLIER
FBC3	RESULT > BLANK * MULTIPLIER
FD1	Field duplicate RPD
FD2	Field duplicate abs. diff.
GHT1	GROSS_QUALIFIER_HIT
GHT2	GROSS_QUALIFIER_NON_DETECT
HP1	Hydrocarbon pattern
HT1	Holding time samp. to preservation
HT2	Holding time samp. to analysis
HT3	Holding time gros. samp. to pres.
HT4	Holding time gros. samp. to analysis
IS1	Internal standard
LBC1	BLANK CONTAMINATION
LBC2	RESULT < BLANK * MULTIPLIER
LBC3	RESULT > BLANK * MULTIPLIER
LD1	Lab duplicate RPD
LD2	Lab duplicate abs. diff.
LS1	LS %R
LS2	LS RPD
MS1	MS %R
MS2	MS RPD
MS3	Parent >4x spike
MS4	Spike diluted out
NP1	Non-Preferred Result

DQM Reason Code	Description
NR1	NUMERIC RESULTS
OT1	Other quality issue
PS1	BETWEEN CONTROL AND WARNING LIMITS
PS2	INVALID
PS3	LESS THAN LOWER CONTROL LIMIT
PS4	LESS THAN LOWER WARNING LIMIT
PT1	The preservative for this test id does not match the required preservative in RT_HOLDING_TIME.
RDL1	EXCEEDS REQUIRED DETECTION LIMIT
RL1	ND > project limit
RO1	Other rad. issue
RPD1	LCS/LCSD
RPD2	LCS/LCSD_NON_DETECT
RPD3	MS/MSD
RPD4	MS/MSD_NON_DETECT
RPD5	Orig/Dup
RPD6	Orig/Dup_NON_DETECT
RPDF1	FIELD DUPLICATE
RPDF2	FIELD DUPLICATE NON_DETECT
RQ1	Rad. quantitation issue
RR1	Repeated result same method
RR2	Repeated result diff. method
RSD1	RSD exceeds CL for LCS sample
RSD2	RSD exceeds CL for MS sample
RSD3	RSD exceeds CL for Lab sample
RSD4	RSD exceeds CL for Field sample
RY1	Tracer or carrier
SD1	Serial dilution
SO1	High moisture
SO2	Wet weight
SP1	Preservation, temp
SP2	Preservation, pH
SP3	Preservation, headspace
SPR1	BLANK SPIKE > UCL
SPR10	EarthSoft.DQM.SpikeRecovery2
SPR11	EarthSoft.DQM.SpikeRecovery2
SPR12	EarthSoft.DQM.SpikeRecovery2
SPR2	INORGANIC SPIKE > UCL
SPR3	ORGANIC SPIKE > UCL

DQM Reason Code	Description
SPR4	LCL > BLANK > LOW_CUTOFF
SPR5	LCL > INORG > LOW_CUTOFF
SPR6	LCL > ORG > LOW_CUTOFF
SPR7	BLANK SPIKE < LOW_CUTOFF
SPR8	INORGANIC SPIKE < LOW_CUTOFF
SPR9	ORGANIC SPIKE < LOW_CUTOFF
SU	Surrogate outlier
SU1	Surrogate
SU2	Surrogate diluted out
SURR1	ASSO. DETECTS OF LCL > REC > LOW_CUTOFF
SURR10	EarthSoft.DQM.SurrogateRecovery
SURR11	EarthSoft.DQM.SurrogateRecovery
SURR12	EarthSoft.DQM.SurrogateRecovery
SURR2	ASSO. DETECTS OF REC < LOW_CUTOFF
SURR3	ASSO. DETECTS OF REC > UCL
SURR4	ASSO. NDS OF LCL > REC > LOW_CUTOFF
SURR5	ASSO. NDS OF REC < LOW_CUTOFF
SURR6	ASSO. NDS OF REC > UCL
SURR7	LCL > REC > LOW_CUTOFF
SURR8	REC < LOW_CUTOFF
SURR9	REC > UCL
TBC1	BLANK CONTAMINATION
TBC2	RESULT < BLANK * MULTIPLIER
TBC3	RESULT > BLANK * MULTIPLIER
TR	Trace Detection
TR1	Trace detection
TRA1	Tracer is outside of UCL or LCL
TRA2	Associated result of a tracer less than the LCL
TRA3	Associated detect result of a tracer greater than the UCL
VC1	Canister vacuum
VC2	Canister contamination
VSU1	INVALID SAMPLE UNIT TYPE
VSU2	MISSING SAMPLE UNIT TYPE
VSU3	NON-DEFAULT RESULT UNIT

AD-Absolute Difference
CCV-Continuous Calibration Verification
CL-Control Limit
%D-Percent Difference
IC-Initial Calibration

ICV-Initial Calibration Verification
INORG-Inorganic
LCL-Lower Control Limit
LCS-Laboratory Control Spike
LCSD-Laboratory Control Spike Duplicate
LS-Laboratory Spike
MDL-Method Detection Limit
MS-Matrix Spike
MSD-Matrix Spike Duplicate
ND-Not Detected
ORG-Organic
QC-Quality Control
%R-Percent Recovery
REC-Recovery
RL-Reporting Limit
RPD-Relative Percent Difference
RRF-Relative Response Factor
RSD-Relative Standard Deviation
UCL-Upper Control Limit
UCO-Upper Cut Off

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Memorandum

Date: 28 August 2026

To: Robert Singleton

From: Ashley Wilson

CC: Kristoffer Henderson

Subject: Stage 2A Data Validation - Level II Data Deliverable – Eurofins Laboratory Job ID 705-67465-2

SITE: Plant Wansley Ash Pond - Quarterly Background (4th)

INTRODUCTION

This report summarizes the findings of the Stage 2A data validation of eighteen water samples, two equipment blanks, two field blanks, and two field duplicates, collected 18-22 May 2026, as part of the Plant Wansley Ash Pond on-site sampling event.

Samples were analyzed at Eurofins St. Louis – Earth City, Missouri, for the following analytical tests:

- Radium-226 by US EPA Method 9315
- Radium-228 by US EPA Method 9320
- Total Radium by Calculation

EXECUTIVE SUMMARY

Overall, based on this Stage 2A data validation covering the quality control (QC) parameters listed below and based on the information provided, the data as qualified are usable for supporting project objectives. The qualified data should be used within the limitations of the qualifications.

The data were reviewed based on the pertinent methods referenced in the laboratory report, professional and technical judgment, and the following documents:

- Idaho National Engineering and Environmental Laboratory, Radioanalytical Data Validation, May 11, 2004 (GDE-205).

The following samples were analyzed and reported in the laboratory reports:

Laboratory IDs	Client IDs
705-67465-1	WAN-WGWC-33

Laboratory IDs	Client IDs
705-67465-2	WAN-WGWC-37S

Laboratory IDs	Client IDs
705-67465-3	WAN-WGWC-38D
705-67465-4	WAN-AP1-FB-15
705-67465-5	WAN-WGWC-40
705-67465-6	WAN-WGWC-31S
705-67465-7	WAN-AP1-EB-09
705-67465-8	WAN-WGWC-32
705-67465-9	WAN-AP1-FD-09
705-67793-1	WAN-WGWC-8A
705-67793-2	WAN-WGWC-35S
705-67793-3	WAN-WGWC-37D
705-67793-4	WAN-WGWC-38S

Laboratory IDs	Client IDs
705-67793-5	WAN-AP1-EB-10
705-67793-6	WAN-AP1-FD-10
705-67793-7	WAN-WGWC-30
705-67793-8	WAN-WGWC-34S
705-67793-9	WAN-WGWC-36D
705-67793-10	WAN-WGWC-31D
705-67793-11	WAN-WGWC-39
705-67793-12	WAN-WGWC-35D
705-67793-13	WAN-AP1-FB-16
705-67793-14	WAN-WGWC-36S
705-67793-15	WAN-WGWC-34D

Field Blanks

Field Blanks	
WAN-AP1-FB-15	**WAN-AP1-FB-16**
Samples taken on 5/18/2026 and 5/19/2026.	Samples taken from 05/20/2026 to 05/22/2026.

Equipment Blanks

Equipment Blanks	
WAN-AP1-EB-09	**WAN-AP1-EB-10**
Peri Pump	**Bladder Pump**
WGWC-30	WGWC-8A
WGWC-31S	WGWC-31D
WGWC-32	WGWC-34D
WGWC-33	WGWC-34S
WGWC-40	WGWC-35D
	WGWC-35S
	WGWC-36D
	WGWC-37D
	WGWC-37S
	WGWC-38D
	WGWC-38S
	WGWC-39

The laboratory reported results for the analytical method(s) requested for each sample on the chain of custody (COC).

The samples were received within 0-6 degrees Celsius (°C). No sample preservation issues were noted by the laboratory.

The sample collection times were not listed on the COC for the field duplicate samples, WAN-AP1-FD-09 and WAN-AP1-FD-10. The laboratory logged the field duplicate samples in with the collection time of 00:00.

On two of the three COC pages, there were time inconsistencies for the *Received by* sample transfer times. The first sample relinquishing was documented as 05/22/26, 1740 and the first sample receiving was documented as 05/22/26, 543.

1.0 RADIOCHEMISTRY

The samples were analyzed for radium-226 by US EPA Method 9315, radium-228 by US EPA Method 9320, and total radium by calculation.

The areas of data review are listed below. A leading check mark (✓) indicates an area of review in which the data were acceptable. A preceding crossed circle (⊗) signifies areas where issues were raised during the course of the validation review and should be considered to determine impact on data quality and usability.

⊗ Overall Assessment
✓ Holding Times
⊗ Method Blank
✓ Matrix Spike/Matrix Spike Duplicate
⊗ Laboratory Control Sample
✓ Laboratory Duplicate
✓ Tracers and Carriers
✓ Field Blank
✓ Equipment Blank
✓ Field Duplicate
✓ Sensitivity
✓ Electronic Data Deliverable Review

1.1 Overall Assessment

1.1.1 Completeness

The radium-226 and radium-228 data reported in this data set are considered usable for supporting project objectives. The results are considered valid; the analytical completeness defined as the ratio of the number of valid analytical results (valid analytical results include values qualified as estimated) to the total number of analytical results requested on samples submitted for this analysis, for this data set is 100%.

1.1.2 Analysis Anomaly

Total radium in sample WAN-WGWC-31S was detected at a concentration greater than the minimum detectable concentration (MDC), for the calculated, combined radium-226 and radium-228. Since radium-226 and radium-228 were not detected at or above the MDC, and based on professional and technical judgment, the total radium concentration in sample WAN-WGWC-31S was U qualified as not detected.

Sample ID	Compound	Laboratory Result (pCi/L)	Laboratory Flag	Validation Result (pCi/L)	Validation Qualifier*	Reason Code**
WAN-WGWC-31S	Combined Radium 226 + 228	0.968	NA	0.968	U	RO1

pCi/L: picocuries per liter
U: not detected at or above the minimum detectable concentration
NA: not applicable
* Validation qualifiers are defined in Attachment 1 at the end of this report
** Reason codes are defined in Attachment 2 at the end of this report

1.2 Holding Times

The holding times for the radium-226 and radium-228 analyses of a water sample are 180 days from sample collection to analysis. The holding times were met for the sample analyses.

1.3 Method Blank

Method blanks were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). Method blanks were reported for the radium-226 and radium-228 data. Radium-226 and radium-228 were not detected in the method blanks at or above the measured 2σ uncertainty or the MDC, with the following exception.

Radium-228 (0.5527 pCi/L) was detected at a concentration greater than the measured 2σ uncertainty in the method blank in batch 774093. Therefore, the radium concentrations with a mean difference less than 2 in the associated samples were UJ qualified as not statistically distinguishable from the blank, and the radium concentrations with a mean difference greater than 2 but less than 10 times the blank concentration were J qualified as estimated. In addition, the combined radium 226 + 228 concentrations for samples WAN-WGWC-34D, WAN-WGWC-36D, WAN-WGWC-37D, WAN-WGWC-38S, WAN-WGWC-39, and WAN-WGWC-8A were J qualified as estimated, and the combined radium 226 + 228 concentrations for samples WAN-AP1-FD-10, WAN-WGWC-30, WAN-WGWC-31D, WAN-WGWC-34S, WAN-WGWC-35D, and WAN-WGWC-36S were UJ qualified as not statistically distinguishable from the blank.

Sample ID	Compound	Laboratory Result (pCi/L)	Laboratory Flag	Validation Result (pCi/L)	Validation Qualifier	Reason Code
WAN-AP1-FD-10	Radium-228	1.03	NA	1.03	UJ	BLL
WAN-AP1-FD-10	Combined Radium 226 + 228	1.05	NA	1.05	UJ	BLL
WAN-WGWC-30	Radium-228	0.817	NA	0.817	UJ	BLL
WAN-WGWC-30	Combined Radium 226 + 228	0.935	NA	0.935	UJ	BLL
WAN-WGWC-31D	Radium-228	1.13	NA	1.13	UJ	BLL
WAN-WGWC-31D	Combined Radium 226 + 228	1.14	NA	1.14	UJ	BLL
WAN-WGWC-34D	Radium-228	1.18	NA	1.18	UJ	BLL
WAN-WGWC-34D	Combined Radium 226 + 228	1.31	NA	1.31	J	BLL
WAN-WGWC-34S	Radium-228	0.865	NA	0.865	UJ	BLL
WAN-WGWC-34S	Combined Radium 226 + 228	0.792	NA	0.792	UJ	BLL
WAN-WGWC-35D	Radium-228	0.926	NA	0.926	UJ	BLL
WAN-WGWC-35D	Combined Radium 226 + 228	0.945	NA	0.945	UJ	BLL
WAN-WGWC-36D	Radium-228	1.43	NA	1.43	J	BLL
WAN-WGWC-36D	Combined Radium 226 + 228	1.38	NA	1.38	J	BLL
WAN-WGWC-36S	Radium-228	0.830	NA	0.830	UJ	BLL
WAN-WGWC-36S	Combined Radium 226 + 228	0.919	NA	0.919	UJ	BLL
WAN-WGWC-37D	Radium-228	0.887	NA	0.887	UJ	BLL
WAN-WGWC-37D	Combined Radium 226 + 228	1.29	NA	1.29	J	BLL
WAN-WGWC-38S	Radium-228	2.05	NA	2.05	J	BLL
WAN-WGWC-38S	Combined Radium 226 + 228	2.71	NA	2.71	J	BLL
WAN-WGWC-39	Radium-228	1.24	NA	1.24	J	BLL
WAN-WGWC-39	Combined Radium 226 + 228	1.60	NA	1.60	J	BLL
WAN-WGWC-8A	Radium-228	1.25	NA	1.25	UJ	BLL

Sample ID	Compound	Laboratory Result (pCi/L)	Laboratory Flag	Validation Result (pCi/L)	Validation Qualifier	Reason Code
WAN-WGWC-8A	Combined Radium 226 + 228	1.97	NA	1.97	J	BLL

pCi/L: picocuries per liter
NA: not applicable

1.4 Matrix Spike/Matrix Spike Duplicate

Batch MS/MSD pairs were reported with the sample set. Since these were batch QC, the results do not affect the samples in this data set, and qualifications were not applied to the data.

1.5 Laboratory Control Sample

LCSs were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). LCSs were reported for radium-226 and radium-228. The recovery results were within the laboratory specified acceptance criteria, with the following exception.

The LCS recovery of radium-228 in the LCS in batch 773860 was high and outside of laboratory specified acceptance criteria. Therefore, the radium-228 and total radium concentrations for samples WAN-AP1-FD-09, WAN-WGWC-32, and WAN-WGWC-40 were J qualified as estimated.

Sample ID	Compound	Laboratory Result (pCi/L)	Laboratory Flag	Validation Result (pCi/L)	Validation Qualifier	Reason Code
WAN-AP1-FD-09	Radium-228	1.79	G	1.79	J	LS1
WAN-AP1-FD-09	Combined Radium 226 + 228	3.73	NA	3.73	J	LS1
WAN-WGWC-32	Radium-228	2.39	NA	2.39	J	LS1
WAN-WGWC-32	Combined Radium 226 + 228	4.15	NA	4.15	J	LS1
WAN-WGWC-40	Radium-228	2.40	NA	2.40	J	LS1
WAN-WGWC-40	Combined Radium 226 + 228	3.29	NA	3.29	J	LS1

pCi/L: picocuries per liter
G: the sample MDC is greater than the requested RL.
NA: not applicable

1.6 Laboratory Duplicate

One sample set specific laboratory duplicate was reported for radium-226 and radium-228 using sample WAN-WGWC-39. The RER results were within the laboratory specified acceptance criteria.

Batch laboratory duplicates were reported for radium-226 and radium-228. Since this was batch QC, the results do not affect the samples in this data set, and qualifications were not applied to the data.

1.7 Tracers and Carriers

Carriers were reported for the radium-226 and radium-228 analyses, and a tracer was reported for the radium-228 analyses. The recovery results were within the laboratory specified acceptance criteria.

1.8 Field Blank

Two field blanks, WAN-AP1-FB-15 and WAN-AP1-FB-16, were collected with the sample set and analyzed for radium-226 and radium-228. Radium-226 and radium-228 were not detected in the field blanks at or above the measured 2σ uncertainty or the MDC.

1.9 Equipment Blank

Two equipment blanks, WAN-AP1-EB-09 (peri pump) and WAN-AP1-EB-10 (bladder pump), were collected with the sample set and analyzed for radium-226 and radium-228. Radium-226 and radium-228 were not detected in the field blanks at or above the measured 2σ uncertainty or the MDC, with the following exception.

Radium-228 (0.542 pCi/L) was detected in WAN-AP1-EB-10 at a concentration greater than the measured 2σ uncertainty. Since the concentrations for samples WAN-WGWC-37S and WAN-WGWC-38D were either nondetect or greater than ten times the blank concentration, and the samples WAN-WGWC-31D, WAN-WGWC-34D, WAN-WGWC-34S, WAN-WGWC-35D, WAN-WGWC-36D, WAN-WGWC-37D, WAN-WGWC-38S, WAN-WGWC-39, and WAN-WGWC-8A were previously qualified due to method blank contamination, no additional qualifications were applied to the data.

1.10 Field Duplicate

Two field duplicate samples, WAN-AP1-FD-09 and WAN-AP1-FD-10, were collected with the sample set. Acceptable precision [mean difference (MD) ≤ 3, RPD < 20% or difference < RL] was demonstrated between the field duplicate and the original samples, WAN-WGWC-32 and WAN-WGWC-35D, respectively.

1.11 Sensitivity

The samples were reported to the MDCs. However, the MDC for radium-228 in sample WAN-AP1-FD-09 was greater than the requested RL. No elevated non-detect results were reported.

Sample ID	Compound	Laboratory Result (pCi/L)	Laboratory Flag	Validation Result (pCi/L)	Validation Qualifier	Reason Code
WAN-AP1-FD-09	Radium-228	1.79	G	1.79	NA	RDL1

pCi/L: picocuries per liter
G: the sample MDC is greater than the requested RL.

1.12 Electronic Data Deliverable Review

The results and sample IDs in the EDD were reviewed against the information provided by the associated level II report at a minimum of 20% as part of the data validation process. No discrepancies were identified between the level II report and the EDD.

* * * * *

ATTACHMENT 1
DATA VALIDATION QUALIFIER DEFINITIONS AND INTERPRETATION KEY
Assigned by Geosyntec's Data Validation Team

DATA QUALIFIER DEFINITIONS

U The analyte was analyzed for but was not detected at or above the reported sample quantitation limit. Upon application of the U qualifier to a reported result, the definition changes to "not detected at or above the reported result."

J The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.

J+ The analyte was positively identified; however, the associated numerical value is likely to be higher than the concentration of the analyte in the sample due to positive bias of associated QC or calibration data or attributable to matrix interference.

J- The analyte was positively identified; however, the associated numerical value is likely to be lower than the concentration of the analyte in the sample due to negative bias of associated QC or calibration data or attributable to matrix interference.

UJ The analyte was not detected at or above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.

R The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.

V Historical undefined qualifier.

ATTACHMENT 2
DATA VALIDATION REASON CODES
Assigned by Geosyntec's Data Validation Team

DQM Reason Code	Description
AB1	> Samples in batch
AB2	QC sample missing
AB3	Batch analysis time exceeded
BAH	Contamination detected in the Ambient Blank greater than or equal to the Quantitation Limit.
BAL	Contamination detected in the Ambient Blank less than the Quantitation Limit.
BC	Calibration blank contamination
BC1	assoc. result < RL
BC2	assoc. result > RL < mult.
BC3	assoc. result > RL > mult.
BEH	Contamination detected in the Equipment Blank greater than or equal to the Quantitation Limit.
BEL	Contamination detected in the Equipment Blank less than the Quantitation Limit.
BF	Field blank contamination
BF1	assoc. result < RL
BF2	assoc. result > RL < mult.
BF3	assoc. result > RL > mult.
BFH	Contamination detected in the Field Blank greater than or equal to the Quantitation Limit.
BFL	Contamination detected in the Field Blank less than the Quantitation Limit.
BL	Laboratory blank contamination
BL1	assoc. result < RL
BL2	assoc. result > RL < mult.
BL3	assoc. result > RL > mult.
BLH	Contamination detected in the Lab Blank greater than or equal to the Quantitation Limit.
BLL	Contamination detected in the Lab Blank less than the Quantitation Limit.
BT	Trip blank contamination
BT1	assoc. result < RL
BT2	assoc. result > RL < mult.
BT3	assoc. result > RL > mult.
BTH	Contamination detected in the Trip Blank greater than or equal to the Quantitation Limit.
BTL	Contamination detected in the Trip Blank less than the Quantitation Limit.
CA1	Column difference
CC1	CCV %D
CC2	CCV %R
CC3	CCV RRF
CI1	IC RSD
CI2	IC RRF
CR1	Calibration range
CV1	ICV or CCV %D

DQM Reason Code	Description
CV2	ICV or CCV %R
CV3	ICV CCV RRF
DF1	Dilution Factor > 1
DL	Dilution Factor > 1
DVT1	The Dissolved Result > Total Result and the absolute difference > the AD_MULTIPLIER_CL * Detection Limit
DVT2	The Dissolved Result > Total Result and the absolute difference > AD_MULTIPLIER_UCO * Detection Limit
DVT3	The Dissolved Result > Total Result and the relative percent difference (RPD) > RPD_CL
DVT4	The Dissolved Result > Total Result and the relative percent difference (RPD) > RPD_UCO
ER1	MDL=<RESULT<RL (INORGANIC)
ER2	MDL=<RESULT<RL (ORGANIC)
FBC1	BLANK CONTAMINATION
FBC2	RESULT < BLANK * MULTIPLIER
FBC3	RESULT > BLANK * MULTIPLIER
FD1	Field duplicate RPD
FD2	Field duplicate abs. diff.
GHT1	GROSS_QUALIFIER_HIT
GHT2	GROSS_QUALIFIER_NON_DETECT
HP1	Hydrocarbon pattern
HT1	Holding time samp. to preservation
HT2	Holding time samp. to analysis
HT3	Holding time gros. samp. to pres.
HT4	Holding time gros. samp. to analysis
IS1	Internal standard
LBC1	BLANK CONTAMINATION
LBC2	RESULT < BLANK * MULTIPLIER
LBC3	RESULT > BLANK * MULTIPLIER
LD1	Lab duplicate RPD
LD2	Lab duplicate abs. diff.
LS1	LS %R
LS2	LS RPD
MS1	MS %R
MS2	MS RPD
MS3	Parent >4x spike
MS4	Spike diluted out
NP1	Non-Preferred Result

DQM Reason Code	Description
NR1	NUMERIC RESULTS
OT1	Other quality issue
PS1	BETWEEN CONTROL AND WARNING LIMITS
PS2	INVALID
PS3	LESS THAN LOWER CONTROL LIMIT
PS4	LESS THAN LOWER WARNING LIMIT
PT1	The preservative for this test id does not match the required preservative in RT_HOLDING_TIME.
RDL1	EXCEEDS REQUIRED DETECTION LIMIT
RL1	ND > project limit
RO1	Other rad. issue
RPD1	LCS/LCSD
RPD2	LCS/LCSD_NON_DETECT
RPD3	MS/MSD
RPD4	MS/MSD_NON_DETECT
RPD5	Orig/Dup
RPD6	Orig/Dup_NON_DETECT
RPDF1	FIELD DUPLICATE
RPDF2	FIELD DUPLICATE NON_DETECT
RQ1	Rad. quantitation issue
RR1	Repeated result same method
RR2	Repeated result diff. method
RSD1	RSD exceeds CL for LCS sample
RSD2	RSD exceeds CL for MS sample
RSD3	RSD exceeds CL for Lab sample
RSD4	RSD exceeds CL for Field sample
RY1	Tracer or carrier
SD1	Serial dilution
SO1	High moisture
SO2	Wet weight
SP1	Preservation, temp
SP2	Preservation, pH
SP3	Preservation, headspace
SPR1	BLANK SPIKE > UCL
SPR10	EarthSoft.DQM.SpikeRecovery2
SPR11	EarthSoft.DQM.SpikeRecovery2
SPR12	EarthSoft.DQM.SpikeRecovery2
SPR2	INORGANIC SPIKE > UCL
SPR3	ORGANIC SPIKE > UCL

DQM Reason Code	Description
SPR4	LCL > BLANK > LOW_CUTOFF
SPR5	LCL > INORG > LOW_CUTOFF
SPR6	LCL > ORG > LOW_CUTOFF
SPR7	BLANK SPIKE < LOW_CUTOFF
SPR8	INORGANIC SPIKE < LOW_CUTOFF
SPR9	ORGANIC SPIKE < LOW_CUTOFF
SU	Surrogate outlier
SU1	Surrogate
SU2	Surrogate diluted out
SURR1	ASSO. DETECTS OF LCL > REC > LOW_CUTOFF
SURR10	EarthSoft.DQM.SurrogateRecovery
SURR11	EarthSoft.DQM.SurrogateRecovery
SURR12	EarthSoft.DQM.SurrogateRecovery
SURR2	ASSO. DETECTS OF REC < LOW_CUTOFF
SURR3	ASSO. DETECTS OF REC > UCL
SURR4	ASSO. NDS OF LCL > REC > LOW_CUTOFF
SURR5	ASSO. NDS OF REC < LOW_CUTOFF
SURR6	ASSO. NDS OF REC > UCL
SURR7	LCL > REC > LOW_CUTOFF
SURR8	REC < LOW_CUTOFF
SURR9	REC > UCL
TBC1	BLANK CONTAMINATION
TBC2	RESULT < BLANK * MULTIPLIER
TBC3	RESULT > BLANK * MULTIPLIER
TR	Trace Detection
TR1	Trace detection
TRA1	Tracer is outside of UCL or LCL
TRA2	Associated result of a tracer less than the LCL
TRA3	Associated detect result of a tracer greater than the UCL
VC1	Canister vacuum
VC2	Canister contamination
VSU1	INVALID SAMPLE UNIT TYPE
VSU2	MISSING SAMPLE UNIT TYPE
VSU3	NON-DEFAULT RESULT UNIT

AD-Absolute Difference
CCV-Continuous Calibration Verification
CL-Control Limit
%D-Percent Difference
IC-Initial Calibration

ICV-Initial Calibration Verification
INORG-Inorganic
LCL-Lower Control Limit
LCS-Laboratory Control Spike
LCSD-Laboratory Control Spike Duplicate
LS-Laboratory Spike
MDL-Method Detection Limit
MS-Matrix Spike
MSD-Matrix Spike Duplicate
ND-Not Detected
ORG-Organic
QC-Quality Control
%R-Percent Recovery
REC-Recovery
RL-Reporting Limit
RPD-Relative Percent Difference
RRF-Relative Response Factor
RSD-Relative Standard Deviation
UCL-Upper Control Limit
UCO-Upper Cut Off

Geosyntec consultants

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Memorandum

Date: 31 August 2026

To: Robert Singleton

From: Chase Harris

CC: Kristoffer Henderson

Subject: Stage 2A Data Validation - Level II Data Deliverable – Eurofins Laboratory Job IDs 705-67794-1

SITE: Plant Wansley Ash Pond - Semiannual

INTRODUCTION

This report summarizes the findings of the Stage 2A data validation of one water sample, collected 20 May 2026, as part of the Plant Wansley Ash Pond on-site sampling event.

Samples were analyzed at Eurofins Atlanta - Atlanta, Georgia, for the following analytical tests:

- Dissolved Metals by United States (US) Environmental Protection Agency (EPA) Methods 6020B and 6010D
- Dissolved Mercury by USEPA Method 7470A

EXECUTIVE SUMMARY

Overall, based on this Stage 2A data validation covering the quality control (QC) parameters listed below and based on the information provided, the data as qualified are usable for supporting project objectives. The qualified data should be used within the limitations of the qualifications.

The data were reviewed based on the pertinent methods referenced in the laboratory report, professional and technical judgment, and the following documents:

- United States (US) EPA Region IV Data Validation Standard Operating Procedures (US EPA Region IV, September 2011); and
- USEPA National Functional Guidelines for Inorganic Superfund Methods Data Review, November 2020 (EPA 542-R-20-006).

The following samples were analyzed and reported in the laboratory reports:

Laboratory IDs	Client IDs
705-67794-1	WAN-WGWC-38S

The laboratory reported results for the analytical method(s) requested for each sample on the chain of custody (COC).

The samples were received within 0-6 degrees Celsius (°C). No sample preservation issues were noted by the laboratory.

Incorrect error corrections were observed on the COC, instead of the proper procedure of a single strike through, correction, and initials and date of person making the corrections.

1.0 METALS

The samples were analyzed for metals by US EPA methods 3005A/6020B and 3010A/6010D. (Mercury was evaluated separately in Section 2.0, below).

The areas of data review are listed below. A leading check mark (✓) indicates an area of review in which the data were acceptable or not applicable. A preceding crossed circle (⊗) signifies areas where issues were raised during the course of the validation review and should be considered to determine impact on data quality and usability.

✓ Overall Assessment
✓ Holding Time
✓ Method Blank
✓ Matrix Spike/Matrix Spike Duplicate
⊗ Laboratory Control Sample
✓ Field Blank
✓ Equipment Blank
✓ Field Duplicate
✓ Sensitivity
✓ Electronic Data Deliverables Review

1.1 Overall Assessment

1.1.1 Completeness

The metals data reported in this data package are considered usable for supporting project objectives. The results are considered valid; the analytical completeness defined as the ratio of the number of valid analytical results (valid analytical results include values qualified as estimated) to the total number of analytical results requested on samples submitted for this analysis, for this data set is 100%.

1.2 Analysis Anomaly

The continuing calibration verification (CCV) associated with batch 139552 recovered below the lower control limit for dissolved lithium. Since the CCV was not associated with the field samples, no qualifications were applied to the data.

1.3 Holding Time

The holding time for the metals analysis of a water sample is 180 days from sample collection to analysis. The holding time was met for the sample analyses.

1.4 Method Blank

Method blanks were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). Metals were not detected in the method blanks at or above the method detection limits (MDLs).

1.5 Matrix Spike/Matrix Spike Duplicate (MS/MSD)

MS/MSDs were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). One batch MS/MSD pair was reported for batch 139552 and one batch MS/MSD pair was reported for batch 139709. Since these were batch QC, the results were not qualified.

1.6 Laboratory Control Sample (LCS)

LCSs were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). The recovery results were within the laboratory specified acceptance criteria, with the following exceptions.

The LCS/LCSD recovery of dissolved boron in batch 139552 was high and outside of the laboratory specified acceptance criteria. Therefore, the boron concentration for sample WAN-WGWC-38S was J+ qualified as estimated with high bias. However, since the sample concentration was estimated greater than the MDL and less than the RL, the final qualification from the combination of a directional qualification and non-directional qualification is J qualified as estimated.

Sample ID	Compound	Laboratory Result (mg/L)	Laboratory Flag	Validation Result (mg/L)	Validation Qualifier*	Reason Code**
WAN-WGWC-38S	Dissolved Boron	0.043	J	0.043	J	LS1

mg/L: milligrams per liter
J: The result is less than the reporting limit, but greater than or equal to the method detection limit, and the concentration is an approximate value
* Validation qualifiers are defined in Attachment 1 at the end of this report
**Reason codes are defined in Attachment 2 at the end of this report

1.7 Field Blank

Field blanks were not reported with the sample set.

1.8 Equipment Blank

Equipment blanks were not reported with the sample set.

1.9 Field Duplicate

Field duplicates were not collected with the sample set.

1.10 Sensitivity

The samples were reported to the MDLs. Elevated non-detect results were not reported.

1.11 Electronic Data Deliverable Review

The results and sample IDs in the EDD were reviewed against the information provided by the associated level II report at a minimum of 20% as part of the data validation process. No discrepancies were identified between the level II report and the EDD.

2.0 MERCURY

The samples were analyzed for mercury per US EPA method 7470A.

The areas of data review are listed below. A leading check mark (✓) indicates an area of review in which the data were acceptable or not applicable. A preceding crossed circle (⊗) signifies areas where issues were raised during the course of the validation review and should be considered to determine impact on data quality and usability.

✓ Overall Assessment
✓ Holding Times
✓ Method Blank

- ✓ Matrix Spike/Matrix Spike Duplicate
- ✓ Laboratory Control Sample
- ✓ Field Blank
- ✓ Equipment Blank
- ✓ Field Duplicate
- ✓ Sensitivity
- ✓ Electronic Data Deliverables Review

2.1 Overall Assessment

The mercury data reported in this data package are considered to be usable for supporting project objectives. The results are considered valid; the analytical completeness, defined as the ratio of the number of valid analytical results (valid analytical results include values qualified as estimated) to the total number of analytical results requested on the samples submitted for this analysis, for this data package is 100%.

2.2 Holding Times

The holding time for the mercury analysis of a water sample is 28 days from sample collection to analysis. The holding time was met for the sample analyses.

2.3 Method Blank

Method blanks were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). Mercury was not detected in the method blanks at or above the MDL.

2.4 Matrix Spike/Matrix Spike Duplicate

MS/MSD pairs were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). One batch MS/MSD pair was reported for batch 138251. Since these were batch QC, the results were not qualified.

2.5 Laboratory Control Sample

LCSs were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). The recovery results were within the laboratory specified acceptance criteria.

2.6 Field Blank

Field blanks were not reported with the sample set.

2.7 Equipment Blank

Equipment blanks were not reported with the sample set.

2.8 Field Duplicate

Field duplicates were not collected with the sample set.

2.9 Sensitivity

The samples were reported to the MDLs. Elevated non-detect results were not reported. The MDLs met the reference limits listed in QAPP Worksheet #15 of the QAPP.

2.10 Electronic Data Deliverable Review

Results and sample IDs in the EDD were reviewed against the information provided by the associated level II report at a minimum of 20%. No discrepancies were identified between the level II report and the EDD.

* * * * *

DATA VALIDATION QUALIFIER DEFINITIONS AND INTERPRETATION KEY
Assigned by Geosyntec's Data Validation Team

DATA QUALIFIER DEFINITIONS

U The analyte was analyzed for but was not detected at or above the reported sample quantitation limit. Upon application of the U qualifier to a reported result, the definition changes to "not detected at or above the reported result."

J The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.

J+ The analyte was positively identified; however, the associated numerical value is likely to be higher than the concentration of the analyte in the sample due to positive bias of associated QC or calibration data or attributable to matrix interference.

J- The analyte was positively identified; however, the associated numerical value is likely to be lower than the concentration of the analyte in the sample due to negative bias of associated QC or calibration data or attributable to matrix interference.

UJ The analyte was not detected at or above the reported sample quantitation limit. However, the reported quantitation limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.

R The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.

V Historical undefined qualifier.

ATTACHMENT 2
DATA VALIDATION REASON CODES
Assigned by Geosyntec's Data Validation Team

DQM Reason Code	Description
AB1	> Samples in batch
AB2	QC sample missing
AB3	Batch analysis time exceeded
BAH	Contamination detected in the Ambient Blank greater than or equal to the Quantitation Limit.
BAL	Contamination detected in the Ambient Blank less than the Quantitation Limit.
BC	Calibration blank contamination
BC1	assoc. result < RL
BC2	assoc. result > RL < mult.
BC3	assoc. result > RL > mult.
BEH	Contamination detected in the Equipment Blank greater than or equal to the Quantitation Limit.
BEL	Contamination detected in the Equipment Blank less than the Quantitation Limit.
BF	Field blank contamination
BF1	assoc. result < RL
BF2	assoc. result > RL < mult.
BF3	assoc. result > RL > mult.
BFH	Contamination detected in the Field Blank greater than or equal to the Quantitation Limit.
BFL	Contamination detected in the Field Blank less than the Quantitation Limit.
BL	Laboratory blank contamination
BL1	assoc. result < RL
BL2	assoc. result > RL < mult.
BL3	assoc. result > RL > mult.
BLH	Contamination detected in the Lab Blank greater than or equal to the Quantitation Limit.
BLL	Contamination detected in the Lab Blank less than the Quantitation Limit.
BT	Trip blank contamination
BT1	assoc. result < RL
BT2	assoc. result > RL < mult.
BT3	assoc. result > RL > mult.
BTH	Contamination detected in the Trip Blank greater than or equal to the Quantitation Limit.
BTL	Contamination detected in the Trip Blank less than the Quantitation Limit.
CA1	Column difference
CC1	CCV %D
CC2	CCV %R
CC3	CCV RRF
CI1	IC RSD
CI2	IC RRF
CR1	Calibration range
CV1	ICV or CCV %D

DQM Reason Code	Description
CV2	ICV or CCV %R
CV3	ICV CCV RRF
DF1	Dilution Factor > 1
DL	Dilution Factor > 1
DVT1	The Dissolved Result > Total Result and the absolute difference > the AD_MULTIPLIER_CL * Detection Limit
DVT2	The Dissolved Result > Total Result and the absolute difference > AD_MULTIPLIER_UCO * Detection Limit
DVT3	The Dissolved Result > Total Result and the relative percent difference (RPD) > RPD_CL
DVT4	The Dissolved Result > Total Result and the relative percent difference (RPD) > RPD_UCO
ER1	MDL=<RESULT<RL (INORGANIC)
ER2	MDL=<RESULT<RL (ORGANIC)
FBC1	BLANK CONTAMINATION
FBC2	RESULT < BLANK * MULTIPLIER
FBC3	RESULT > BLANK * MULTIPLIER
FD1	Field duplicate RPD
FD2	Field duplicate abs. diff.
GHT1	GROSS_QUALIFIER_HIT
GHT2	GROSS_QUALIFIER_NON_DETECT
HP1	Hydrocarbon pattern
HT1	Holding time samp. to preservation
HT2	Holding time samp. to analysis
HT3	Holding time gros. samp. to pres.
HT4	Holding time gros. samp. to analysis
IS1	Internal standard
LBC1	BLANK CONTAMINATION
LBC2	RESULT < BLANK * MULTIPLIER
LBC3	RESULT > BLANK * MULTIPLIER
LD1	Lab duplicate RPD
LD2	Lab duplicate abs. diff.
LS1	LS %R
LS2	LS RPD
MS1	MS %R
MS2	MS RPD
MS3	Parent >4x spike
MS4	Spike diluted out
NP1	Non-Preferred Result

DQM Reason Code	Description
NR1	NUMERIC RESULTS
OT1	Other quality issue
PS1	BETWEEN CONTROL AND WARNING LIMITS
PS2	INVALID
PS3	LESS THAN LOWER CONTROL LIMIT
PS4	LESS THAN LOWER WARNING LIMIT
PT1	The preservative for this test id does not match the required preservative in RT_HOLDING_TIME.
RDL1	EXCEEDS REQUIRED DETECTION LIMIT
RL1	ND > project limit
RO1	Other rad. issue
RPD1	LCS/LCSD
RPD2	LCS/LCSD_NON_DETECT
RPD3	MS/MSD
RPD4	MS/MSD_NON_DETECT
RPD5	Orig/Dup
RPD6	Orig/Dup_NON_DETECT
RPDF1	FIELD DUPLICATE
RPDF2	FIELD DUPLICATE NON_DETECT
RQ1	Rad. quantitation issue
RR1	Repeated result same method
RR2	Repeated result diff. method
RSD1	RSD exceeds CL for LCS sample
RSD2	RSD exceeds CL for MS sample
RSD3	RSD exceeds CL for Lab sample
RSD4	RSD exceeds CL for Field sample
RY1	Tracer or carrier
SD1	Serial dilution
SO1	High moisture
SO2	Wet weight
SP1	Preservation, temp
SP2	Preservation, pH
SP3	Preservation, headspace
SPR1	BLANK SPIKE > UCL
SPR10	EarthSoft.DQM.SpikeRecovery2
SPR11	EarthSoft.DQM.SpikeRecovery2
SPR12	EarthSoft.DQM.SpikeRecovery2
SPR2	INORGANIC SPIKE > UCL
SPR3	ORGANIC SPIKE > UCL

DQM Reason Code	Description
SPR4	LCL > BLANK > LOW_CUTOFF
SPR5	LCL > INORG > LOW_CUTOFF
SPR6	LCL > ORG > LOW_CUTOFF
SPR7	BLANK SPIKE < LOW_CUTOFF
SPR8	INORGANIC SPIKE < LOW_CUTOFF
SPR9	ORGANIC SPIKE < LOW_CUTOFF
SU	Surrogate outlier
SU1	Surrogate
SU2	Surrogate diluted out
SURR1	ASSO. DETECTS OF LCL > REC > LOW_CUTOFF
SURR10	EarthSoft.DQM.SurrogateRecovery
SURR11	EarthSoft.DQM.SurrogateRecovery
SURR12	EarthSoft.DQM.SurrogateRecovery
SURR2	ASSO. DETECTS OF REC < LOW_CUTOFF
SURR3	ASSO. DETECTS OF REC > UCL
SURR4	ASSO. NDS OF LCL > REC > LOW_CUTOFF
SURR5	ASSO. NDS OF REC < LOW_CUTOFF
SURR6	ASSO. NDS OF REC > UCL
SURR7	LCL > REC > LOW_CUTOFF
SURR8	REC < LOW_CUTOFF
SURR9	REC > UCL
TBC1	BLANK CONTAMINATION
TBC2	RESULT < BLANK * MULTIPLIER
TBC3	RESULT > BLANK * MULTIPLIER
TR	Trace Detection
TR1	Trace detection
TRA1	Tracer is outside of UCL or LCL
TRA2	Associated result of a tracer less than the LCL
TRA3	Associated detect result of a tracer greater than the UCL
VC1	Canister vacuum
VC2	Canister contamination
VSU1	INVALID SAMPLE UNIT TYPE
VSU2	MISSING SAMPLE UNIT TYPE
VSU3	NON-DEFAULT RESULT UNIT

AD-Absolute Difference
CCV-Continuous Calibration Verification
CL-Control Limit
%D-Percent Difference
IC-Initial Calibration

ICV-Initial Calibration Verification
INORG-Inorganic
LCL-Lower Control Limit
LCS-Laboratory Control Spike
LCSD-Laboratory Control Spike Duplicate
LS-Laboratory Spike
MDL-Method Detection Limit
MS-Matrix Spike
MSD-Matrix Spike Duplicate
ND-Not Detected
ORG-Organic
QC-Quality Control
%R-Percent Recovery
REC-Recovery
RL-Reporting Limit
RPD-Relative Percent Difference
RRF-Relative Response Factor
RSD-Relative Standard Deviation
UCL-Upper Control Limit
UCO-Upper Cut Off

APPENDIX C2

Field Sampling Forms

Low-Flow Test Report:

Test Date / Time: 1/8/2026 9:34:07 AM
Project: Plant Wansley Ash Pond
Operator Name: D. Johnson

Location Name: WGWC-42 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 27.85 ft** **Total Depth: 37.85 ft** **Initial Depth to Water: 20.05 ft**	**Pump Type: Peristaltic Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 32.85 ft** **Estimated Total Volume Pumped: 9 liter** **Flow Cell Volume: 130 ml** **Final Flow Rate: 300 ml/min** **Final Draw Down: 16.68 in**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1183974**

Test Notes:
Sample time 1004. Cloudy, 56 degrees F.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 3	+/- 5 %	+/- 10 %	+/- 10	+/- 25	+/- 0.3	
1/8/2026 9:34 AM	00:00	5.158 pH	16.79 °C	94.88 µS/cm	4.263 mg/L	34.40 NTU	196.3 mV	20.05 ft	300.0 ml/min
1/8/2026 9:39 AM	05:00	5.135 pH	17.16 °C	95.40 µS/cm	4.033 mg/L	24.30 NTU	190.5 mV	20.46 ft	300.0 ml/min
1/8/2026 9:44 AM	10:00	5.144 pH	17.20 °C	83.62 µS/cm	3.993 mg/L	14.60 NTU	186.6 mV	21.02 ft	300.0 ml/min
1/8/2026 9:49 AM	15:00	5.152 pH	17.25 °C	82.61 µS/cm	4.077 mg/L	9.150 NTU	181.9 mV	21.31 ft	300.0 ml/min
1/8/2026 9:54 AM	20:00	5.160 pH	17.25 °C	81.47 µS/cm	4.137 mg/L	1.980 NTU	180.8 mV	21.39 ft	300.0 ml/min
1/8/2026 9:59 AM	25:00	5.156 pH	17.11 °C	79.42 µS/cm	4.057 mg/L	1.240 NTU	179.9 mV	21.41 ft	300.0 ml/min
1/8/2026 10:04 AM	30:00	5.152 pH	17.18 °C	78.23 µS/cm	4.157 mg/L	1.200 NTU	178.5 mV	21.44 ft	300.0 ml/min

Samples

Sample ID:	Description:

Field Instrumentation Calibration Form

ATLANTIC COAST CONSULTING, INC.

Site Name: Plant Wansley

Date: 1/8/26

Calibrated By: D. Johnson

Field Conditions: Cloudy, 51°F

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	Troll 500	1183974
Turbidity Meter	Geotech	24105666

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
D.O. (%)	N/A	DI H_2O	N/A	N/A
pH (SU)	4.00	5GA0869	1/31/27	PINE
pH (SU)	7.00	5GA0863	1/31/27	PINE
pH (SU)	10.00	5GA0867	1/31/27	PINE
Specific Conductance (µS/cm)	1,413	5GA0907	1/31/26	PINE
ORP (mV)	240.0	5GE0627	2/26	PINE

	Standard	Lot #	Date of Expiration	Brand
Turbidity (NTU)	0	DI H_2O	N/A	N/A
	< 10	770	(DS) ~~77~~ 9/26	HACH
	20	770	9/26	HACH
	100	770	9/26	HACH

Calibration					
Time Start: 0853		Time Finish: 0915			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
D.O. (%)	N/A	98.97%	18.22	± 10%	EPA 2023
pH (SU)	4.00	4.00	17.57	± 0.1	GWMP
pH (SU)	7.00	7.02	17.80 (DS)	± 0.1	GWMP
pH (SU)	10.00	10.05	18.11	± 0.1	GWMP
Specific Conductance (µS/cm)	1,413	1411	25.00	± 10% of standard	NA
ORP (mV)	240.0	238.8	17.58	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	0	0.02	± 10% of standard	EPA 2023
	< 10	—		
	20	20.0		
	100	99.4		

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

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

Low-Flow Test Report:

Test Date / Time: 2/10/2026 10:20:25 AM
Project: Plant Wansley Ash Pond
Operator Name: J. Berisford

Location Name: WGWC-30 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 23.5 ft** **Total Depth: 33.5 ft** **Initial Depth to Water: 21.66 ft**	**Pump Type: Peristaltic Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 28.5 ft** **Estimated Total Volume Pumped: 9 liter** **Flow Cell Volume: 130 ml** **Final Flow Rate: 300 ml/min** **Final Draw Down: 4 in**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1235076**

Test Notes:
Cloudy, sample time -1950 FD-09 here

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 3	+/- 5 %	+/- 10 %	+/- 10	+/- 25	+/- 5	
2/10/2026 10:20 AM	00:00	4.912 pH	16.62 °C	26.79 µS/cm	7.539 mg/L	2.980 NTU	227.5 mV	21.66 ft	300.0 ml/min
2/10/2026 10:25 AM	05:00	4.730 pH	16.56 °C	24.94 µS/cm	7.548 mg/L	2.830 NTU	218.0 mV	22.00 ft	300.0 ml/min
2/10/2026 10:30 AM	10:00	4.793 pH	16.73 °C	25.14 µS/cm	7.387 mg/L	2.270 NTU	201.4 mV	22.00 ft	300.0 ml/min
2/10/2026 10:35 AM	15:00	4.857 pH	16.74 °C	24.73 µS/cm	7.380 mg/L	1.690 NTU	190.6 mV	22.00 ft	300.0 ml/min
2/10/2026 10:40 AM	20:00	4.846 pH	16.70 °C	24.34 µS/cm	7.363 mg/L	1.860 NTU	181.7 mV	22.00 ft	300.0 ml/min
2/10/2026 10:45 AM	25:00	4.821 pH	16.80 °C	24.03 µS/cm	7.416 mg/L	1.150 NTU	179.1 mV	22.00 ft	300.0 ml/min
2/10/2026 10:50 AM	30:00	4.854 pH	16.85 °C	23.78 µS/cm	7.449 mg/L	1.200 NTU	175.2 mV	22.00 ft	300.0 ml/min

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 2/9/2026 12:47:16 PM
Project: Plant Wansley Ash Pond
Operator Name: J. May

Location Name: WGWC-31D **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 80.4 ft** **Total Depth: 90.4 ft** **Initial Depth to Water: 46.44 ft**	**Pump Type: Portable Bladder Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 85.4 ft** **Estimated Total Volume Pumped: 29.5 liter** **Flow Cell Volume: 130 ml** **Final Flow Rate: 275 ml/min** **Final Draw Down: 411.12 in**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1183974**

Test Notes:
Well purging dry, allow for overnight recharge
Log 1 of 2

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 3	+/- 5 %	+/- 10 %	+/- 10	+/- 25	+/- 0.3	
2/9/2026 12:47 PM	00:00	6.798 pH	18.96 °C	253.8 µS/cm	4.501 mg/L	32.30 NTU	170.5 mV	46.44 ft	100.0 ml/min
2/9/2026 12:52 PM	05:00	7.469 pH	18.23 °C	243.4 µS/cm	1.373 mg/L	23.20 NTU	174.5 mV	46.60 ft	100.0 ml/min
2/9/2026 12:57 PM	10:00	7.547 pH	18.46 °C	244.3 µS/cm	0.887 mg/L	12.20 NTU	158.5 mV	47.40 ft	100.0 ml/min
2/9/2026 1:02 PM	15:00	7.544 pH	18.76 °C	243.5 µS/cm	0.736 mg/L	3.850 NTU	157.4 mV	48.20 ft	100.0 ml/min
2/9/2026 1:07 PM	20:00	7.544 pH	18.51 °C	239.6 µS/cm	0.712 mg/L	5.010 NTU	150.9 mV	49.70 ft	275.0 ml/min
2/9/2026 1:12 PM	25:00	7.571 pH	18.63 °C	241.6 µS/cm	0.579 mg/L	4.720 NTU	143.4 mV	51.20 ft	275.0 ml/min
2/9/2026 1:17 PM	30:00	7.510 pH	18.73 °C	240.1 µS/cm	0.464 mg/L	3.680 NTU	138.9 mV	52.90 ft	275.0 ml/min
2/9/2026 1:22 PM	35:00	7.571 pH	18.85 °C	238.3 µS/cm	0.424 mg/L	3.030 NTU	134.6 mV	54.70 ft	275.0 ml/min
2/9/2026 1:27 PM	40:00	7.421 pH	18.37 °C	237.7 µS/cm	0.424 mg/L	4.780 NTU	139.0 mV	56.50 ft	275.0 ml/min
2/9/2026 1:32 PM	45:00	7.576 pH	18.97 °C	235.9 µS/cm	0.421 mg/L	6.080 NTU	128.7 mV	58.30 ft	275.0 ml/min
2/9/2026 1:37 PM	50:00	7.562 pH	19.01 °C	234.2 µS/cm	0.423 mg/L	6.140 NTU	128.8 mV	60.00 ft	275.0 ml/min
2/9/2026 1:42 PM	55:00	7.578 pH	18.99 °C	233.3 µS/cm	0.433 mg/L	6.390 NTU	126.2 mV	61.70 ft	275.0 ml/min
2/9/2026 1:47 PM	01:00:00	7.609 pH	19.12 °C	233.7 µS/cm	0.434 mg/L	8.130 NTU	123.9 mV	63.50 ft	275.0 ml/min
2/9/2026 1:52 PM	01:05:00	7.555 pH	19.09 °C	233.5 µS/cm	0.469 mg/L	10.10 NTU	124.9 mV	65.60 ft	275.0 ml/min

2/9/2026 1:57 PM	01:10:00	7.600 pH	19.34 °C	239.4 µS/cm	0.533 mg/L	10.56 NTU	120.8 mV	67.00 ft	275.0 ml/min
2/9/2026 2:02 PM	01:15:00	7.442 pH	19.36 °C	240.5 µS/cm	0.595 mg/L	10.00 NTU	129.6 mV	68.20 ft	275.0 ml/min
2/9/2026 2:07 PM	01:20:00	7.606 pH	19.35 °C	239.3 µS/cm	0.623 mg/L	6.010 NTU	120.2 mV	70.00 ft	275.0 ml/min
2/9/2026 2:12 PM	01:25:00	7.433 pH	19.48 °C	237.1 µS/cm	0.657 mg/L	7.680 NTU	128.7 mV	71.80 ft	275.0 ml/min
2/9/2026 2:17 PM	01:30:00	7.613 pH	19.43 °C	237.5 µS/cm	0.718 mg/L	8.690 NTU	119.1 mV	73.40 ft	275.0 ml/min
2/9/2026 2:22 PM	01:35:00	7.649 pH	19.85 °C	237.1 µS/cm	0.763 mg/L	10.20 NTU	116.5 mV	75.00 ft	275.0 ml/min
2/9/2026 2:27 PM	01:40:00	7.612 pH	19.66 °C	236.2 µS/cm	0.841 mg/L	8.110 NTU	118.7 mV	76.40 ft	275.0 ml/min
2/9/2026 2:32 PM	01:45:00	7.664 pH	20.09 °C	235.6 µS/cm	0.882 mg/L	7.870 NTU	115.2 mV	77.50 ft	275.0 ml/min
2/9/2026 2:37 PM	01:50:00	7.597 pH	20.07 °C	235.1 µS/cm	0.948 mg/L	7.790 NTU	118.4 mV	78.70 ft	275.0 ml/min
2/9/2026 2:42 PM	01:55:00	7.672 pH	20.53 °C	233.9 µS/cm	0.974 mg/L	10.10 NTU	113.6 mV	79.80 ft	275.0 ml/min
2/9/2026 2:47 PM	02:00:00	7.595 pH	21.56 °C	233.8 µS/cm	1.022 mg/L	9.270 NTU	116.5 mV	80.70 ft	275.0 ml/min

Samples

Sample ID:	Description:

Low-Flow Test Report:

Test Date / Time: 2/10/2026 10:08:09 AM
Project: Plant Wansley Ash Pond
Operator Name: J. May

Location Name: WGWC-31D **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 80.4 ft** **Total Depth: 90.4 ft** **Initial Depth to Water: 80.58 ft**	**Pump Type: Portable Bladder Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 85.4 ft** **Estimated Total Volume Pumped: 3.75 liter** **Flow Cell Volume: 130 ml** **Final Flow Rate: 75 ml/min** **Final Draw Down: 25.44 in**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1183974**

Test Notes:
Sample Time: 1058
Cloudy, 50s
EB-09 poured here
Well purged dry 02-09-26
Log 2 of 2

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 3	+/- 5 %	+/- 10 %	+/- 10	+/- 25	+/- 0.3	
2/10/2026 10:08 AM	00:00	6.862 pH	12.61 °C	248.1 µS/cm	8.882 mg/L	7.220 NTU	200.2 mV	80.58 ft	75.00 ml/min
2/10/2026 10:13 AM	05:00	7.484 pH	15.52 °C	243.4 µS/cm	5.102 mg/L	26.30 NTU	168.6 mV	80.60 ft	75.00 ml/min
2/10/2026 10:18 AM	10:00	7.534 pH	16.03 °C	247.0 µS/cm	1.481 mg/L	29.50 NTU	118.8 mV	80.70 ft	75.00 ml/min
2/10/2026 10:23 AM	15:00	7.552 pH	16.27 °C	246.7 µS/cm	0.881 mg/L	27.60 NTU	114.7 mV	80.80 ft	75.00 ml/min
2/10/2026 10:28 AM	20:00	7.620 pH	16.49 °C	245.1 µS/cm	0.671 mg/L	24.40 NTU	93.7 mV	80.90 ft	75.00 ml/min
2/10/2026 10:33 AM	25:00	7.633 pH	16.55 °C	242.0 µS/cm	0.634 mg/L	21.30 NTU	79.6 mV	81.40 ft	75.00 ml/min
2/10/2026 10:38 AM	30:00	7.639 pH	15.73 °C	237.1 µS/cm	0.728 mg/L	16.70 NTU	73.4 mV	81.60 ft	75.00 ml/min
2/10/2026 10:43 AM	35:00	7.652 pH	16.12 °C	233.4 µS/cm	0.799 mg/L	17.60 NTU	73.3 mV	81.90 ft	75.00 ml/min
2/10/2026 10:48 AM	40:00	7.668 pH	16.25 °C	230.3 µS/cm	0.824 mg/L	12.30 NTU	68.3 mV	82.20 ft	75.00 ml/min
2/10/2026 10:53 AM	45:00	7.679 pH	16.55 °C	225.4 µS/cm	0.939 mg/L	9.800 NTU	68.0 mV	82.40 ft	75.00 ml/min
2/10/2026 10:58 AM	50:00	7.709 pH	16.75 °C	222.0 µS/cm	1.082 mg/L	8.840 NTU	66.2 mV	82.70 ft	75.00 ml/min

Samples

Sample ID:	Description:

Low-Flow Test Report:

Test Date / Time: 2/9/2026 2:54:04 PM
Project: Plant Wansley Ash Pond
Operator Name: J. May

Location Name: WGWC-31S **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 32.57 ft** **Total Depth: 42.57 ft** **Initial Depth to Water: 21.49 ft**	**Pump Type: Peristaltic Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 37.57 ft** **Estimated Total Volume Pumped: 5 liter** **Flow Cell Volume: 130 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 4.92 in**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1183974**

Test Notes:
Sample Time: 1519
Sunny, 60s

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 3	+/- 5 %	+/- 10 %	+/- 10	+/- 25	+/- 0.3	
2/9/2026 2:54 PM	00:00	6.637 pH	20.89 °C	58.00 µS/cm	4.962 mg/L	2.970 NTU	115.8 mV	21.49 ft	200.0 ml/min
2/9/2026 2:59 PM	05:00	5.330 pH	19.63 °C	51.18 µS/cm	2.982 mg/L	0.780 NTU	169.9 mV	21.80 ft	200.0 ml/min
2/9/2026 3:04 PM	10:00	5.392 pH	19.43 °C	51.88 µS/cm	2.924 mg/L	0.490 NTU	171.7 mV	21.80 ft	200.0 ml/min
2/9/2026 3:09 PM	15:00	5.423 pH	19.42 °C	52.47 µS/cm	2.888 mg/L	0.310 NTU	172.7 mV	21.90 ft	200.0 ml/min
2/9/2026 3:14 PM	20:00	5.394 pH	19.32 °C	52.26 µS/cm	2.793 mg/L	0.280 NTU	176.0 mV	21.90 ft	200.0 ml/min
2/9/2026 3:19 PM	25:00	5.464 pH	19.66 °C	52.15 µS/cm	2.773 mg/L	0.340 NTU	173.5 mV	21.90 ft	200.0 ml/min

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 2/11/2026 11:29:13 AM
Project: Plant Wansley Ash Pond
Operator Name: J. May

Location Name: WGWC-32 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 24.4 ft** **Total Depth: 34.4 ft** **Initial Depth to Water: 17.97 ft**	**Pump Type: Peristaltic Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 29.4 ft** **Estimated Total Volume Pumped: 5 liter** **Flow Cell Volume: 130 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 6.36 in**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1183974**

Test Notes:
Sample Time: 1154
Cloudy, 60s
FD-10 poured here

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 3	+/- 5 %	+/- 10 %	+/- 10	+/- 25	+/- 0.3	
2/11/2026 11:29 AM	00:00	5.267 pH	18.52 °C	105.1 µS/cm	6.108 mg/L	128.0 NTU	176.0 mV	17.97 ft	200.0 ml/min
2/11/2026 11:34 AM	05:00	5.163 pH	18.10 °C	110.7 µS/cm	3.981 mg/L	20.70 NTU	188.1 mV	18.40 ft	200.0 ml/min
2/11/2026 11:39 AM	10:00	5.170 pH	17.99 °C	111.7 µS/cm	3.812 mg/L	13.10 NTU	191.3 mV	18.40 ft	200.0 ml/min
2/11/2026 11:44 AM	15:00	5.181 pH	17.94 °C	112.0 µS/cm	3.655 mg/L	7.840 NTU	193.1 mV	18.50 ft	200.0 ml/min
2/11/2026 11:49 AM	20:00	5.187 pH	17.89 °C	111.6 µS/cm	3.645 mg/L	3.950 NTU	194.2 mV	18.50 ft	200.0 ml/min
2/11/2026 11:54 AM	25:00	5.183 pH	17.84 °C	111.1 µS/cm	3.611 mg/L	2.510 NTU	195.6 mV	18.50 ft	200.0 ml/min

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 2/11/2026 12:52:04 PM
Project: Plant Wansley Ash Pond
Operator Name: J. May

Location Name: WGWC-33 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 27.7 ft** **Total Depth: 37.7 ft** **Initial Depth to Water: 21.05 ft**	**Pump Type: Peristaltic Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 32.7 ft** **Estimated Total Volume Pumped: 7.5 liter** **Flow Cell Volume: 130 ml** **Final Flow Rate: 300 ml/min** **Final Draw Down: 13.8 in**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1183974**

Test Notes:
Sample Time: 1317
Cloudy, 60s

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 3	+/- 5 %	+/- 10 %	+/- 10	+/- 25	+/- 0.3	
2/11/2026 12:52 PM	00:00	5.292 pH	18.75 °C	508.5 µS/cm	2.436 mg/L	7.330 NTU	213.2 mV	21.05 ft	300.0 ml/min
2/11/2026 12:57 PM	05:00	5.100 pH	18.76 °C	511.4 µS/cm	0.396 mg/L	1.340 NTU	205.5 mV	21.90 ft	300.0 ml/min
2/11/2026 1:02 PM	10:00	5.031 pH	18.76 °C	505.9 µS/cm	0.302 mg/L	0.580 NTU	210.8 mV	22.10 ft	300.0 ml/min
2/11/2026 1:07 PM	15:00	5.086 pH	18.73 °C	502.9 µS/cm	0.265 mg/L	0.560 NTU	211.7 mV	22.20 ft	300.0 ml/min
2/11/2026 1:12 PM	20:00	5.087 pH	18.76 °C	501.7 µS/cm	0.263 mg/L	0.470 NTU	212.8 mV	22.20 ft	300.0 ml/min
2/11/2026 1:17 PM	25:00	5.083 pH	18.77 °C	503.8 µS/cm	0.258 mg/L	0.410 NTU	215.3 mV	22.20 ft	300.0 ml/min

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 2/11/2026 10:35:23 AM
Project: Plant Wansley Ash Pond
Operator Name: J. Berisford

Location Name: WGWC-34D **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 82.15 ft** **Total Depth: 92.15 ft** **Initial Depth to Water: 30.25 ft**	**Pump Type: Portable Bladder Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 87.15 ft** **Estimated Total Volume Pumped: 7.5 liter** **Flow Cell Volume: 130 ml** **Final Flow Rate: 250 ml/min** **Final Draw Down: 15 in**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1235076**

Test Notes:
Cloudy, sample time-1105

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 3	+/- 5 %	+/- 10 %	+/- 10	+/- 25	+/- 0.5	
2/11/2026 10:35 AM	00:00	5.277 pH	18.02 °C	948.7 µS/cm	0.189 mg/L	2.110 NTU	175.6 mV	30.25 ft	250.0 ml/min
2/11/2026 10:40 AM	05:00	5.394 pH	18.06 °C	949.6 µS/cm	0.164 mg/L	1.980 NTU	169.5 mV	31.50 ft	250.0 ml/min
2/11/2026 10:45 AM	10:00	5.396 pH	18.10 °C	948.7 µS/cm	0.162 mg/L	2.070 NTU	170.4 mV	31.50 ft	250.0 ml/min
2/11/2026 10:50 AM	15:00	5.389 pH	18.12 °C	948.6 µS/cm	0.135 mg/L	1.190 NTU	176.6 mV	31.50 ft	250.0 ml/min
2/11/2026 10:55 AM	20:00	5.382 pH	18.13 °C	948.0 µS/cm	0.120 mg/L	1.330 NTU	184.4 mV	31.50 ft	250.0 ml/min
2/11/2026 11:00 AM	25:00	5.376 pH	18.13 °C	947.5 µS/cm	0.144 mg/L	1.490 NTU	196.0 mV	31.50 ft	250.0 ml/min
2/11/2026 11:05 AM	30:00	5.370 pH	18.16 °C	945.4 µS/cm	0.117 mg/L	1.700 NTU	209.0 mV	31.50 ft	250.0 ml/min

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 2/9/2026 1:15:49 PM
Project: Plant Wansley Ash Pond
Operator Name: J. Berisford

Location Name: WGWC-34S **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 36.6 ft** **Total Depth: 46.6 ft** **Initial Depth to Water: 20.31 ft**	**Pump Type: Portable Bladder Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 41.6 ft** **Estimated Total Volume Pumped: 13.14 liter** **Flow Cell Volume: 130 ml** **Final Flow Rate: 100 ml/min** **Final Draw Down: 158 in**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1235076**

Test Notes:
Sunny, sample time-145

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 3	+/- 5 %	+/- 10 %	+/- 10	+/- 25	+/- 0.5	
2/9/2026 1:15 PM	00:00	4.784 pH	20.31 °C	33.39 µS/cm	0.827 mg/L	49.00 NTU	165.0 mV	20.31 ft	150.0 ml/min
2/9/2026 1:19 PM	04:03	4.936 pH	19.92 °C	32.40 µS/cm	0.401 mg/L	36.00 NTU	152.0 mV	21.10 ft	150.0 ml/min
2/9/2026 1:24 PM	09:03	4.958 pH	19.97 °C	31.60 µS/cm	0.313 mg/L	28.00 NTU	138.7 mV	22.00 ft	150.0 ml/min
2/9/2026 1:28 PM	13:03	4.949 pH	19.96 °C	30.98 µS/cm	0.282 mg/L	28.00 NTU	124.7 mV	22.60 ft	150.0 ml/min
2/9/2026 1:30 PM	14:17	5.223 pH	19.89 °C	31.74 µS/cm	0.283 mg/L	29.00 NTU	122.0 mV	22.80 ft	150.0 ml/min
2/9/2026 1:35 PM	19:17	5.167 pH	19.63 °C	31.76 µS/cm	0.260 mg/L	16.00 NTU	120.1 mV	23.60 ft	150.0 ml/min
2/9/2026 1:40 PM	24:17	5.341 pH	19.70 °C	31.39 µS/cm	0.237 mg/L	11.00 NTU	121.0 mV	24.20 ft	150.0 ml/min
2/9/2026 1:45 PM	29:17	5.250 pH	19.73 °C	31.31 µS/cm	0.225 mg/L	10.00 NTU	113.7 mV	24.90 ft	150.0 ml/min
2/9/2026 1:50 PM	34:17	5.379 pH	19.73 °C	31.22 µS/cm	0.212 mg/L	4.470 NTU	99.0 mV	25.80 ft	150.0 ml/min
2/9/2026 1:55 PM	39:17	5.272 pH	19.75 °C	31.28 µS/cm	0.212 mg/L	4.200 NTU	115.9 mV	26.80 ft	150.0 ml/min
2/9/2026 2:00 PM	44:17	5.284 pH	19.72 °C	30.82 µS/cm	0.206 mg/L	4.360 NTU	99.0 mV	27.80 ft	150.0 ml/min
2/9/2026 2:05 PM	49:17	5.290 pH	19.75 °C	30.65 µS/cm	0.207 mg/L	4.470 NTU	101.7 mV	28.60 ft	150.0 ml/min
2/9/2026 2:10 PM	54:17	5.293 pH	19.75 °C	30.75 µS/cm	0.213 mg/L	4.310 NTU	100.2 mV	29.70 ft	150.0 ml/min
2/9/2026 2:15 PM	59:17	5.313 pH	19.69 °C	30.91 µS/cm	0.245 mg/L	3.960 NTU	94.9 mV	30.40 ft	150.0 ml/min
2/9/2026 2:20 PM	01:04:17	5.326 pH	19.65 °C	31.56 µS/cm	0.288 mg/L	3.060 NTU	92.7 mV	31.40 ft	150.0 ml/min

2/9/2026 2:25 PM	01:09:17	5.321 pH	19.69 °C	31.99 µS/cm	0.297 mg/L	4.040 NTU	94.7 mV	32.50 ft	150.0 ml/min
2/9/2026 2:30 PM	01:14:17	5.308 pH	19.62 °C	31.94 µS/cm	0.290 mg/L	3.950 NTU	94.7 mV	33.10 ft	100.0 ml/min
2/9/2026 2:35 PM	01:19:17	5.329 pH	20.06 °C	32.15 µS/cm	0.309 mg/L	2.200 NTU	93.9 mV	33.30 ft	100.0 ml/min
2/9/2026 2:40 PM	01:24:17	5.335 pH	20.25 °C	32.07 µS/cm	0.293 mg/L	2.830 NTU	92.5 mV	33.40 ft	100.0 ml/min
2/9/2026 2:45 PM	01:29:17	5.341 pH	20.26 °C	31.85 µS/cm	0.269 mg/L	2.570 NTU	91.5 mV	33.40 ft	100.0 ml/min
2/9/2026 2:50 PM	01:34:17	5.341 pH	20.04 °C	31.86 µS/cm	0.261 mg/L	2.210 NTU	90.2 mV	33.50 ft	100.0 ml/min

Samples

Sample ID:	Description:

Low-Flow Test Report:

Test Date / Time: 2/11/2026 11:50:08 AM
Project: Plant Wansley Ash Pond
Operator Name: J. Berisford

Location Name: WGWC-35D **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 107.8 ft** **Total Depth: 117.8 ft** **Initial Depth to Water: 27.62 ft**	**Pump Type: Portable Bladder Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 112.8 ft** **Estimated Total Volume Pumped: 5.25 liter** **Flow Cell Volume: 130 ml** **Final Flow Rate: 175 ml/min** **Final Draw Down: 50 in**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1235076**

Test Notes:
Cloudy, sample time- 1220

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 3	+/- 5 %	+/- 10 %	+/- 10	+/- 25	+/- 0.5	
2/11/2026 11:50 AM	00:00	6.403 pH	18.25 °C	314.3 µS/cm	0.539 mg/L	1.930 NTU	89.5 mV	27.62 ft	175.0 ml/min
2/11/2026 11:55 AM	05:00	6.538 pH	18.22 °C	313.3 µS/cm	0.209 mg/L	3.520 NTU	61.2 mV	31.80 ft	175.0 ml/min
2/11/2026 12:00 PM	10:00	6.579 pH	18.29 °C	315.9 µS/cm	0.183 mg/L	3.170 NTU	50.9 mV	31.80 ft	175.0 ml/min
2/11/2026 12:05 PM	15:00	6.583 pH	18.34 °C	315.3 µS/cm	0.171 mg/L	1.580 NTU	42.6 mV	31.80 ft	175.0 ml/min
2/11/2026 12:10 PM	20:00	6.574 pH	18.39 °C	314.6 µS/cm	0.171 mg/L	2.360 NTU	35.8 mV	31.80 ft	175.0 ml/min
2/11/2026 12:15 PM	25:00	6.551 pH	18.42 °C	311.9 µS/cm	0.175 mg/L	2.940 NTU	30.7 mV	31.80 ft	175.0 ml/min
2/11/2026 12:20 PM	30:00	6.495 pH	18.46 °C	311.9 µS/cm	0.173 mg/L	1.760 NTU	27.2 mV	31.80 ft	175.0 ml/min

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 2/12/2026 9:15:36 AM
Project: Plant Wansley Ash Pond
Operator Name: J. Berisford

Location Name: WGWC-35S **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 50.6 ft** **Total Depth: 60.6 ft** **Initial Depth to Water: 21.07 ft**	**Pump Type: Portable Bladder Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 55.6 ft** **Estimated Total Volume Pumped: 15 liter** **Flow Cell Volume: 130 ml** **Final Flow Rate: 150 ml/min** **Final Draw Down: 109 in**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1235076**

Test Notes:
Sunny, sample time-1055

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 3	+/- 5 %	+/- 10 %	+/- 10	+/- 25	+/- 0.5	
2/12/2026 9:15 AM	00:00	6.067 pH	14.74 °C	303.8 µS/cm	2.351 mg/L	49.00 NTU	219.5 mV	21.07 ft	150.0 ml/min
2/12/2026 9:20 AM	05:00	6.311 pH	15.91 °C	303.7 µS/cm	0.461 mg/L	27.00 NTU	174.3 mV	22.50 ft	150.0 ml/min
2/12/2026 9:25 AM	10:00	6.326 pH	16.01 °C	304.1 µS/cm	0.276 mg/L	22.00 NTU	156.5 mV	23.30 ft	150.0 ml/min
2/12/2026 9:30 AM	15:00	6.323 pH	16.26 °C	302.5 µS/cm	0.228 mg/L	20.00 NTU	137.5 mV	23.90 ft	150.0 ml/min
2/12/2026 9:35 AM	20:00	6.283 pH	16.48 °C	299.2 µS/cm	0.207 mg/L	19.00 NTU	125.4 mV	24.50 ft	150.0 ml/min
2/12/2026 9:40 AM	25:00	6.297 pH	16.44 °C	297.5 µS/cm	0.206 mg/L	16.00 NTU	113.7 mV	25.20 ft	150.0 ml/min
2/12/2026 9:45 AM	30:00	6.262 pH	16.71 °C	294.0 µS/cm	0.203 mg/L	11.00 NTU	103.7 mV	25.80 ft	150.0 ml/min
2/12/2026 9:50 AM	35:00	6.273 pH	16.82 °C	292.2 µS/cm	0.205 mg/L	9.400 NTU	105.2 mV	26.10 ft	150.0 ml/min
2/12/2026 9:55 AM	40:00	6.342 pH	17.05 °C	290.7 µS/cm	0.211 mg/L	8.550 NTU	89.0 mV	26.70 ft	150.0 ml/min
2/12/2026 10:00 AM	45:00	6.308 pH	17.51 °C	288.9 µS/cm	0.199 mg/L	7.980 NTU	80.8 mV	27.30 ft	150.0 ml/min
2/12/2026 10:05 AM	50:00	6.305 pH	17.65 °C	292.8 µS/cm	0.190 mg/L	7.820 NTU	72.7 mV	27.90 ft	150.0 ml/min
2/12/2026 10:10 AM	55:00	6.250 pH	17.56 °C	292.9 µS/cm	0.181 mg/L	7.210 NTU	72.7 mV	28.50 ft	150.0 ml/min
2/12/2026 10:15 AM	01:00:00	6.263 pH	17.73 °C	294.8 µS/cm	0.178 mg/L	6.720 NTU	66.4 mV	28.90 ft	150.0 ml/min
2/12/2026 10:20 AM	01:05:00	6.282 pH	17.78 °C	291.8 µS/cm	0.180 mg/L	5.920 NTU	62.3 mV	29.20 ft	150.0 ml/min
2/12/2026 10:25 AM	01:10:00	6.270 pH	18.01 °C	291.0 µS/cm	0.173 mg/L	5.370 NTU	59.2 mV	29.40 ft	150.0 ml/min

2/12/2026 10:30 AM	01:15:00	6.268 pH	18.01 °C	294.9 µS/cm	0.157 mg/L	4.120 NTU	54.6 mV	29.70 ft	150.0 ml/min
2/12/2026 10:35 AM	01:20:00	6.263 pH	18.12 °C	293.0 µS/cm	0.156 mg/L	3.660 NTU	50.7 mV	29.90 ft	150.0 ml/min
2/12/2026 10:40 AM	01:25:00	6.254 pH	18.22 °C	294.3 µS/cm	0.174 mg/L	3.340 NTU	47.4 mV	30.00 ft	150.0 ml/min
2/12/2026 10:45 AM	01:30:00	6.259 pH	18.22 °C	293.4 µS/cm	0.160 mg/L	3.360 NTU	44.2 mV	30.10 ft	150.0 ml/min
2/12/2026 10:50 AM	01:35:00	6.254 pH	18.38 °C	293.3 µS/cm	0.157 mg/L	3.130 NTU	41.2 mV	30.20 ft	150.0 ml/min
2/12/2026 10:55 AM	01:40:00	6.249 pH	18.47 °C	291.4 µS/cm	0.169 mg/L	2.660 NTU	39.8 mV	30.20 ft	150.0 ml/min

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 2/10/2026 12:05:20 PM
Project: Plant Wansley Ash Pond
Operator Name: J. Berisford

Location Name: WGWC-36D **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 116.1 ft** **Total Depth: 126.1 ft** **Initial Depth to Water: 26.97 ft**	**Pump Type: Portable Bladder Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 121.1 ft** **Estimated Total Volume Pumped: 5.25 liter** **Flow Cell Volume: 130 ml** **Final Flow Rate: 175 ml/min** **Final Draw Down: 69 in**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1235076**

Test Notes:
Sunny, sample time -1235

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 3	+/- 5 %	+/- 10 %	+/- 10	+/- 25	+/- 0.5	
2/10/2026 12:05 PM	00:00	5.321 pH	18.58 °C	91.35 µS/cm	0.898 mg/L	2.790 NTU	136.1 mV	26.97 ft	175.0 ml/min
2/10/2026 12:10 PM	05:00	5.408 pH	18.89 °C	89.40 µS/cm	0.164 mg/L	2.150 NTU	109.6 mV	32.70 ft	175.0 ml/min
2/10/2026 12:15 PM	10:00	5.447 pH	18.99 °C	89.08 µS/cm	0.155 mg/L	2.460 NTU	98.3 mV	32.70 ft	175.0 ml/min
2/10/2026 12:20 PM	15:00	5.462 pH	19.03 °C	87.04 µS/cm	0.148 mg/L	2.310 NTU	92.3 mV	32.70 ft	175.0 ml/min
2/10/2026 12:25 PM	20:00	5.449 pH	19.13 °C	87.60 µS/cm	0.150 mg/L	2.020 NTU	90.9 mV	32.70 ft	175.0 ml/min
2/10/2026 12:30 PM	25:00	5.448 pH	19.16 °C	85.90 µS/cm	0.142 mg/L	2.590 NTU	85.4 mV	32.70 ft	175.0 ml/min
2/10/2026 12:35 PM	30:00	5.412 pH	19.19 °C	84.32 µS/cm	0.139 mg/L	2.830 NTU	83.1 mV	32.70 ft	175.0 ml/min

Samples

Sample ID:	Description:

Low-Flow Test Report:

Test Date / Time: 2/11/2026 1:20:11 PM
Project: Plant Wansley Ash Pond
Operator Name: J. Berisford

Location Name: WGWC-36S **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 47.7 ft** **Total Depth: 57.7 ft** **Initial Depth to Water: 23.12 ft**	**Pump Type: Portable Bladder Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 52.7 ft** **Estimated Total Volume Pumped: 17.5 liter** **Flow Cell Volume: 130 ml** **Final Flow Rate: 125 ml/min** **Final Draw Down: 270 in**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1235076**

Test Notes:
Cloudy, sample time 1540, FB-16 here at 1500

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 3	+/- 5 %	+/- 10 %	+/- 10	+/- 25	+/- 0.5	
2/11/2026 1:20 PM	00:00	6.030 pH	18.03 °C	227.1 µS/cm	0.449 mg/L	11.00 NTU	60.3 mV	23.12 ft	125.0 ml/min
2/11/2026 1:25 PM	05:00	6.154 pH	17.91 °C	226.6 µS/cm	0.287 mg/L	10.00 NTU	45.4 mV	45.70 ft	125.0 ml/min
2/11/2026 1:30 PM	10:00	6.207 pH	17.89 °C	227.2 µS/cm	0.229 mg/L	9.110 NTU	36.9 mV	45.70 ft	125.0 ml/min
2/11/2026 1:35 PM	15:00	6.230 pH	17.84 °C	228.6 µS/cm	0.208 mg/L	9.630 NTU	32.1 mV	45.70 ft	125.0 ml/min
2/11/2026 1:40 PM	20:00	6.239 pH	17.85 °C	229.2 µS/cm	0.191 mg/L	8.370 NTU	28.7 mV	45.70 ft	125.0 ml/min
2/11/2026 1:45 PM	25:00	6.241 pH	17.81 °C	229.3 µS/cm	0.184 mg/L	8.770 NTU	26.3 mV	45.70 ft	125.0 ml/min
2/11/2026 1:50 PM	30:00	6.242 pH	17.79 °C	229.7 µS/cm	0.171 mg/L	7.980 NTU	23.8 mV	45.70 ft	125.0 ml/min
2/11/2026 1:55 PM	35:00	6.242 pH	17.83 °C	230.6 µS/cm	0.168 mg/L	7.740 NTU	21.3 mV	45.70 ft	125.0 ml/min
2/11/2026 2:00 PM	40:00	6.244 pH	17.85 °C	231.4 µS/cm	0.180 mg/L	7.940 NTU	19.4 mV	45.70 ft	125.0 ml/min
2/11/2026 2:05 PM	45:00	6.244 pH	17.84 °C	231.8 µS/cm	0.150 mg/L	7.310 NTU	17.4 mV	45.70 ft	125.0 ml/min
2/11/2026 2:10 PM	50:00	6.238 pH	17.85 °C	231.3 µS/cm	0.151 mg/L	7.150 NTU	15.9 mV	45.70 ft	125.0 ml/min
2/11/2026 2:15 PM	55:00	6.239 pH	17.84 °C	232.3 µS/cm	0.145 mg/L	7.040 NTU	14.4 mV	45.70 ft	125.0 ml/min
2/11/2026 2:20 PM	01:00:00	6.240 pH	17.85 °C	233.1 µS/cm	0.147 mg/L	6.900 NTU	12.8 mV	45.70 ft	125.0 ml/min
2/11/2026 2:25 PM	01:05:00	6.225 pH	17.62 °C	232.8 µS/cm	0.149 mg/L	6.820 NTU	12.4 mV	45.70 ft	125.0 ml/min
2/11/2026 2:30 PM	01:10:00	6.224 pH	17.40 °C	233.4 µS/cm	0.145 mg/L	6.670 NTU	11.1 mV	45.70 ft	125.0 ml/min

2/11/2026 2:35 PM	01:15:00	6.226 pH	17.32 °C	232.9 µS/cm	0.165 mg/L	6.440 NTU	9.6 mV	45.70 ft	125.0 ml/min
2/11/2026 2:40 PM	01:20:00	6.240 pH	17.35 °C	234.3 µS/cm	0.142 mg/L	6.570 NTU	7.6 mV	45.70 ft	125.0 ml/min
2/11/2026 2:45 PM	01:25:00	6.254 pH	17.30 °C	235.6 µS/cm	0.158 mg/L	6.610 NTU	5.7 mV	45.70 ft	125.0 ml/min
2/11/2026 2:50 PM	01:30:00	6.262 pH	17.35 °C	235.3 µS/cm	0.151 mg/L	6.120 NTU	4.2 mV	45.70 ft	125.0 ml/min
2/11/2026 2:55 PM	01:35:00	6.264 pH	17.40 °C	235.6 µS/cm	0.138 mg/L	5.970 NTU	2.9 mV	45.70 ft	125.0 ml/min
2/11/2026 3:00 PM	01:40:00	6.253 pH	17.40 °C	235.9 µS/cm	0.149 mg/L	5.710 NTU	2.4 mV	45.70 ft	125.0 ml/min
2/11/2026 3:05 PM	01:45:00	6.248 pH	17.34 °C	236.8 µS/cm	0.145 mg/L	5.780 NTU	1.9 mV	45.70 ft	125.0 ml/min
2/11/2026 3:10 PM	01:50:00	6.252 pH	17.34 °C	237.6 µS/cm	0.144 mg/L	5.540 NTU	0.7 mV	45.70 ft	125.0 ml/min
2/11/2026 3:15 PM	01:55:00	6.239 pH	17.39 °C	239.1 µS/cm	0.143 mg/L	5.590 NTU	0.5 mV	45.70 ft	125.0 ml/min
2/11/2026 3:20 PM	02:00:00	6.239 pH	17.43 °C	239.2 µS/cm	0.142 mg/L	5.670 NTU	-0.7 mV	45.70 ft	125.0 ml/min
2/11/2026 3:25 PM	02:05:00	6.221 pH	17.38 °C	239.6 µS/cm	0.157 mg/L	5.610 NTU	-0.7 mV	45.70 ft	125.0 ml/min
2/11/2026 3:30 PM	02:10:00	6.215 pH	17.39 °C	240.1 µS/cm	0.151 mg/L	5.410 NTU	-1.4 mV	45.70 ft	125.0 ml/min
2/11/2026 3:35 PM	02:15:00	6.204 pH	17.52 °C	240.2 µS/cm	0.143 mg/L	5.240 NTU	-1.9 mV	45.70 ft	125.0 ml/min
2/11/2026 3:40 PM	02:20:00	6.200 pH	17.56 °C	241.1 µS/cm	0.141 mg/L	4.020 NTU	-2.6 mV	45.70 ft	125.0 ml/min

Samples

Sample ID:	Description:

Low-Flow Test Report:

Test Date / Time: 2/9/2026 3:55:09 PM
Project: Plant Wansley Ash Pond
Operator Name: J. May

Location Name: WGWC-37D **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 116.95 ft** **Total Depth: 126.95 ft** **Initial Depth to Water: 26.11 ft**	**Pump Type: Portable Bladder Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 121.95 ft** **Estimated Total Volume Pumped: 6 liter** **Flow Cell Volume: 130 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 203.88 in**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1183974**

Test Notes:
Sample Time: 1625
Sunny, 60s

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 3	+/- 5 %	+/- 10 %	+/- 10	+/- 25	+/- 0.3	
2/9/2026 3:55 PM	00:00	6.012 pH	19.37 °C	262.9 µS/cm	0.475 mg/L	2.120 NTU	70.7 mV	42.30 ft	200.0 ml/min
2/9/2026 4:00 PM	05:00	6.077 pH	18.88 °C	254.7 µS/cm	0.267 mg/L	2.160 NTU	44.6 mV	42.60 ft	200.0 ml/min
2/9/2026 4:05 PM	10:00	6.059 pH	18.77 °C	243.1 µS/cm	0.234 mg/L	1.770 NTU	35.6 mV	42.70 ft	200.0 ml/min
2/9/2026 4:10 PM	15:00	6.056 pH	18.77 °C	240.2 µS/cm	0.227 mg/L	2.210 NTU	27.4 mV	43.00 ft	200.0 ml/min
2/9/2026 4:15 PM	20:00	6.052 pH	18.65 °C	240.2 µS/cm	0.255 mg/L	2.110 NTU	20.2 mV	43.00 ft	200.0 ml/min
2/9/2026 4:20 PM	25:00	6.048 pH	18.63 °C	237.9 µS/cm	0.279 mg/L	1.950 NTU	13.6 mV	43.10 ft	200.0 ml/min
2/9/2026 4:25 PM	30:00	6.050 pH	18.58 °C	238.5 µS/cm	0.305 mg/L	1.870 NTU	7.4 mV	43.10 ft	200.0 ml/min

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 2/10/2026 1:30:12 PM
Project: Plant Wansley Ash Pond
Operator Name: J,. Berisford

Location Name: WGWC-37S **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 35.42 ft** **Total Depth: 45.42 ft** **Initial Depth to Water: 22.11 ft**	**Pump Type: Portable Bladder Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 40.42 ft** **Estimated Total Volume Pumped: 5.25 liter** **Flow Cell Volume: 130 ml** **Final Flow Rate: 175 ml/min** **Final Draw Down: 133 in**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1235076**

Test Notes:
Sunny, sample time-1400. Started with peri pump. Had to switch over to portable bladder pump.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 3	+/- 5 %	+/- 10 %	+/- 10	+/- 25	+/- 0.5	
2/10/2026 1:30 PM	00:00	4.310 pH	19.95 °C	1,311 µS/cm	0.279 mg/L	4.270 NTU	121.8 mV	22.11 ft	175.0 ml/min
2/10/2026 1:35 PM	05:00	4.347 pH	20.00 °C	1,323 µS/cm	0.222 mg/L	4.450 NTU	116.2 mV	33.20 ft	175.0 ml/min
2/10/2026 1:40 PM	10:00	4.362 pH	19.94 °C	1,330 µS/cm	0.218 mg/L	4.330 NTU	118.0 mV	33.20 ft	175.0 ml/min
2/10/2026 1:45 PM	15:00	4.365 pH	19.92 °C	1,333 µS/cm	0.217 mg/L	4.850 NTU	116.1 mV	33.20 ft	175.0 ml/min
2/10/2026 1:50 PM	20:00	4.365 pH	20.54 °C	1,330 µS/cm	0.208 mg/L	4.210 NTU	117.5 mV	33.20 ft	175.0 ml/min
2/10/2026 1:55 PM	25:00	4.381 pH	20.54 °C	1,333 µS/cm	0.193 mg/L	3.840 NTU	116.7 mV	33.20 ft	175.0 ml/min
2/10/2026 2:00 PM	30:00	4.394 pH	20.13 °C	1,334 µS/cm	0.176 mg/L	3.770 NTU	116.3 mV	33.20 ft	175.0 ml/min

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 2/12/2026 9:43:25 AM
Project: Plant Wansley Ash Pond
Operator Name: J. May

Location Name: WGWC-38D **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 79.75 ft** **Total Depth: 89.75 ft** **Initial Depth to Water: 28.82 ft**	**Pump Type: Peristaltic Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 84.75 ft** **Estimated Total Volume Pumped: 9.6 liter** **Flow Cell Volume: 130 ml** **Final Flow Rate: 120 ml/min** **Final Draw Down: 5.76 in**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1183974**

Test Notes:
Sample Time: 1103
Sunny, 50s

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 3	+/- 5 %	+/- 10 %	+/- 10	+/- 25	+/- 0.3	
2/12/2026 9:43 AM	00:00	6.846 pH	12.89 °C	818.7 µS/cm	2.552 mg/L	5.010 NTU	214.3 mV	28.82 ft	120.0 ml/min
2/12/2026 9:48 AM	05:00	7.418 pH	15.39 °C	871.9 µS/cm	1.262 mg/L	3.190 NTU	148.0 mV	29.10 ft	120.0 ml/min
2/12/2026 9:53 AM	10:00	7.517 pH	15.91 °C	976.9 µS/cm	0.964 mg/L	1.900 NTU	134.0 mV	29.10 ft	120.0 ml/min
2/12/2026 9:58 AM	15:00	7.391 pH	16.47 °C	1,130 µS/cm	0.977 mg/L	2.250 NTU	92.4 mV	29.20 ft	120.0 ml/min
2/12/2026 10:03 AM	20:00	7.241 pH	17.05 °C	1,326 µS/cm	0.495 mg/L	2.010 NTU	81.5 mV	29.20 ft	120.0 ml/min
2/12/2026 10:08 AM	25:00	7.058 pH	17.47 °C	1,523 µS/cm	0.326 mg/L	1.500 NTU	63.7 mV	29.20 ft	120.0 ml/min
2/12/2026 10:13 AM	30:00	6.908 pH	17.50 °C	1,778 µS/cm	0.276 mg/L	1.860 NTU	72.1 mV	29.30 ft	120.0 ml/min
2/12/2026 10:18 AM	35:00	6.723 pH	17.59 °C	2,096 µS/cm	0.221 mg/L	1.550 NTU	115.1 mV	29.30 ft	120.0 ml/min
2/12/2026 10:23 AM	40:00	6.547 pH	17.65 °C	2,362 µS/cm	0.209 mg/L	1.140 NTU	95.6 mV	29.30 ft	120.0 ml/min
2/12/2026 10:28 AM	45:00	6.380 pH	17.76 °C	2,584 µS/cm	0.200 mg/L	0.960 NTU	86.1 mV	29.30 ft	120.0 ml/min
2/12/2026 10:33 AM	50:00	6.237 pH	17.77 °C	2,768 µS/cm	0.200 mg/L	0.890 NTU	76.6 mV	29.30 ft	120.0 ml/min
2/12/2026 10:38 AM	55:00	6.068 pH	17.72 °C	2,944 µS/cm	0.208 mg/L	0.710 NTU	77.4 mV	29.30 ft	120.0 ml/min
2/12/2026 10:43 AM	01:00:00	5.906 pH	17.71 °C	3,083 µS/cm	0.202 mg/L	0.630 NTU	77.0 mV	29.30 ft	120.0 ml/min
2/12/2026 10:48 AM	01:05:00	5.634 pH	17.75 °C	3,181 µS/cm	0.216 mg/L	0.670 NTU	78.2 mV	29.30 ft	120.0 ml/min

2/12/2026 10:53 AM	01:10:00	5.186 pH	17.78 °C	3,222 µS/cm	0.212 mg/L	0.580 NTU	91.0 mV	29.30 ft	120.0 ml/min
2/12/2026 10:58 AM	01:15:00	5.117 pH	17.88 °C	3,229 µS/cm	0.214 mg/L	0.620 NTU	91.2 mV	29.30 ft	120.0 ml/min
2/12/2026 11:03 AM	01:20:00	5.100 pH	17.99 °C	3,231 µS/cm	0.206 mg/L	0.430 NTU	95.0 mV	29.30 ft	120.0 ml/min

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 2/12/2026 10:26:24 AM
Project: Plant Wansley Ash Pond
Operator Name: J. May

Location Name: WGWC-38S **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 49.5 ft** **Total Depth: 59.5 ft** **Initial Depth to Water: 25.27 ft**	**Pump Type: Portable Bladder Pump** **Tubing Type: Poly** **Pump Intake From TOC: 54.5 ft** **Estimated Total Volume Pumped: 10.5 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 150 ml/min** **Final Draw Down: 79.56 in**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1080302**

Test Notes:
Sample Time: 1136
Sunny, 50s

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 3	+/- 5 %	+/- 10 %	+/- 10	+/- 25	+/- 0.3	
2/12/2026 10:26 AM	00:00	5.798 pH	12.55 °C	516.0 µS/cm	5.199 mg/L	15.80 NTU	32.4 mV	25.27 ft	150.0 ml/min
2/12/2026 10:31 AM	05:00	5.871 pH	17.28 °C	416.3 µS/cm	0.072 mg/L	10.20 NTU	3.8 mV	31.60 ft	150.0 ml/min
2/12/2026 10:36 AM	10:00	5.889 pH	17.72 °C	409.6 µS/cm	0.046 mg/L	9.130 NTU	-0.8 mV	31.60 ft	150.0 ml/min
2/12/2026 10:41 AM	15:00	5.912 pH	17.89 °C	409.5 µS/cm	0.040 mg/L	9.100 NTU	-5.1 mV	31.70 ft	150.0 ml/min
2/12/2026 10:46 AM	20:00	5.930 pH	17.98 °C	410.3 µS/cm	0.034 mg/L	9.040 NTU	-8.8 mV	31.80 ft	150.0 ml/min
2/12/2026 10:51 AM	25:00	5.945 pH	18.16 °C	409.6 µS/cm	0.029 mg/L	8.750 NTU	-11.8 mV	31.80 ft	150.0 ml/min
2/12/2026 10:56 AM	30:00	5.966 pH	18.35 °C	413.6 µS/cm	0.030 mg/L	8.420 NTU	-15.0 mV	31.80 ft	150.0 ml/min
2/12/2026 11:01 AM	35:00	5.973 pH	18.39 °C	413.9 µS/cm	0.030 mg/L	7.740 NTU	-17.5 mV	31.80 ft	150.0 ml/min
2/12/2026 11:06 AM	40:00	5.982 pH	18.61 °C	416.8 µS/cm	0.031 mg/L	7.360 NTU	-19.2 mV	31.90 ft	150.0 ml/min
2/12/2026 11:11 AM	45:00	5.993 pH	18.61 °C	417.9 µS/cm	0.028 mg/L	7.130 NTU	-20.7 mV	31.90 ft	150.0 ml/min
2/12/2026 11:16 AM	50:00	6.003 pH	18.72 °C	419.4 µS/cm	0.030 mg/L	6.450 NTU	-22.3 mV	31.90 ft	150.0 ml/min
2/12/2026 11:21 AM	55:00	6.013 pH	18.70 °C	422.9 µS/cm	0.029 mg/L	5.340 NTU	-23.6 mV	31.90 ft	150.0 ml/min
2/12/2026 11:26 AM	01:00:00	6.021 pH	18.70 °C	423.7 µS/cm	0.027 mg/L	5.200 NTU	-24.5 mV	31.90 ft	150.0 ml/min
2/12/2026 11:31 AM	01:05:00	6.028 pH	18.47 °C	425.8 µS/cm	0.023 mg/L	5.110 NTU	-25.8 mV	31.90 ft	150.0 ml/min
2/12/2026 11:36 AM	01:10:00	6.037 pH	18.67 °C	428.8 µS/cm	0.023 mg/L	4.620 NTU	-27.1 mV	31.90 ft	150.0 ml/min

Samples

Sample ID:	Description:

Low-Flow Test Report:

Test Date / Time: 2/10/2026 12:52:27 PM
Project: Plant Wansley Ash Pond
Operator Name: J. May

Location Name: WGWC-39 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 31.46 ft** **Total Depth: 41.46 ft** **Initial Depth to Water: 33.46 ft**	**Pump Type: Portable Bladder Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 36.46 ft** **Estimated Total Volume Pumped: 23.5 liter** **Flow Cell Volume: 130 ml** **Final Flow Rate: 75 ml/min** **Final Draw Down: 64.08 in**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1183974**

Test Notes:
Sample Time: 1659
Sunny, 60s
FB-15 poured here

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 3	+/- 5 %	+/- 10 %	+/- 10	+/- 25	+/- 0.3	
2/10/2026 12:52 PM	00:00	4.669 pH	19.01 °C	58.04 µS/cm	6.528 mg/L	22.20 NTU	172.1 mV	33.46 ft	125.0 ml/min
2/10/2026 12:57 PM	05:00	4.364 pH	18.02 °C	32.84 µS/cm	6.068 mg/L	17.10 NTU	194.7 mV	33.70 ft	125.0 ml/min
2/10/2026 1:02 PM	10:00	4.481 pH	18.04 °C	32.60 µS/cm	6.027 mg/L	13.70 NTU	201.0 mV	34.00 ft	125.0 ml/min
2/10/2026 1:07 PM	15:00	4.545 pH	17.96 °C	32.71 µS/cm	6.332 mg/L	10.60 NTU	206.1 mV	34.30 ft	125.0 ml/min
2/10/2026 1:12 PM	20:00	4.525 pH	17.91 °C	32.50 µS/cm	6.865 mg/L	10.10 NTU	211.4 mV	34.60 ft	125.0 ml/min
2/10/2026 1:17 PM	25:00	4.511 pH	17.90 °C	32.13 µS/cm	6.896 mg/L	9.530 NTU	217.9 mV	34.80 ft	125.0 ml/min
2/10/2026 1:22 PM	30:00	4.511 pH	17.86 °C	32.10 µS/cm	6.679 mg/L	9.810 NTU	225.4 mV	35.10 ft	100.0 ml/min
2/10/2026 1:27 PM	35:00	4.510 pH	17.81 °C	32.15 µS/cm	6.522 mg/L	7.170 NTU	231.4 mV	35.30 ft	100.0 ml/min
2/10/2026 1:32 PM	40:00	4.504 pH	17.78 °C	32.08 µS/cm	6.341 mg/L	8.140 NTU	238.0 mV	35.60 ft	100.0 ml/min
2/10/2026 1:37 PM	45:00	4.489 pH	17.74 °C	32.01 µS/cm	6.266 mg/L	9.280 NTU	245.2 mV	35.80 ft	100.0 ml/min
2/10/2026 1:42 PM	50:00	4.438 pH	17.73 °C	31.90 µS/cm	6.138 mg/L	12.00 NTU	253.6 mV	35.90 ft	100.0 ml/min
2/10/2026 1:47 PM	55:00	4.539 pH	17.82 °C	31.91 µS/cm	6.030 mg/L	9.500 NTU	251.7 mV	36.10 ft	100.0 ml/min
2/10/2026 1:52 PM	01:00:00	4.623 pH	17.86 °C	31.87 µS/cm	5.998 mg/L	8.120 NTU	251.2 mV	36.20 ft	100.0 ml/min
2/10/2026 1:57 PM	01:05:00	4.632 pH	17.84 °C	31.67 µS/cm	5.929 mg/L	6.860 NTU	253.9 mV	36.30 ft	100.0 ml/min

2/10/2026 2:02 PM	01:10:00	4.627 pH	17.68 °C	31.50 µS/cm	5.887 mg/L	5.280 NTU	258.8 mV	36.40 ft	100.0 ml/min
2/10/2026 2:07 PM	01:15:00	4.627 pH	17.71 °C	31.52 µS/cm	5.824 mg/L	4.380 NTU	262.0 mV	36.50 ft	100.0 ml/min
2/10/2026 2:12 PM	01:20:00	4.619 pH	17.52 °C	31.27 µS/cm	5.734 mg/L	3.640 NTU	265.5 mV	36.60 ft	100.0 ml/min
2/10/2026 2:17 PM	01:25:00	4.605 pH	17.52 °C	31.15 µS/cm	5.693 mg/L	3.580 NTU	268.4 mV	36.70 ft	100.0 ml/min
2/10/2026 2:22 PM	01:30:00	4.589 pH	17.54 °C	31.10 µS/cm	5.623 mg/L	3.540 NTU	273.4 mV	36.70 ft	100.0 ml/min
2/10/2026 2:27 PM	01:35:00	4.592 pH	17.51 °C	30.90 µS/cm	5.535 mg/L	4.100 NTU	276.1 mV	36.80 ft	100.0 ml/min
2/10/2026 2:32 PM	01:40:00	4.605 pH	17.51 °C	31.02 µS/cm	5.454 mg/L	4.490 NTU	277.8 mV	36.80 ft	100.0 ml/min
2/10/2026 2:37 PM	01:45:00	4.677 pH	17.55 °C	31.05 µS/cm	5.452 mg/L	4.780 NTU	275.3 mV	36.90 ft	100.0 ml/min
2/10/2026 2:42 PM	01:50:00	4.663 pH	17.45 °C	30.86 µS/cm	5.397 mg/L	4.410 NTU	278.6 mV	37.00 ft	100.0 ml/min
2/10/2026 2:47 PM	01:55:00	4.645 pH	17.40 °C	30.87 µS/cm	5.375 mg/L	17.80 NTU	282.5 mV	37.00 ft	100.0 ml/min
2/10/2026 2:52 PM	02:00:00	4.644 pH	17.36 °C	30.91 µS/cm	5.366 mg/L	38.20 NTU	285.1 mV	37.10 ft	100.0 ml/min
2/10/2026 2:57 PM	02:05:00	4.626 pH	17.33 °C	30.95 µS/cm	5.386 mg/L	42.50 NTU	287.8 mV	37.20 ft	100.0 ml/min
2/10/2026 3:02 PM	02:10:00	4.626 pH	17.36 °C	30.95 µS/cm	5.387 mg/L	52.50 NTU	290.7 mV	37.30 ft	100.0 ml/min
2/10/2026 3:07 PM	02:15:00	4.603 pH	17.25 °C	30.96 µS/cm	5.413 mg/L	48.80 NTU	293.7 mV	37.40 ft	100.0 ml/min
2/10/2026 3:12 PM	02:20:00	4.583 pH	17.28 °C	30.94 µS/cm	5.402 mg/L	21.50 NTU	296.9 mV	37.50 ft	100.0 ml/min
2/10/2026 3:17 PM	02:25:00	4.570 pH	17.38 °C	31.01 µS/cm	5.406 mg/L	41.60 NTU	299.4 mV	37.50 ft	100.0 ml/min
2/10/2026 3:22 PM	02:30:00	4.680 pH	17.30 °C	31.26 µS/cm	5.422 mg/L	52.40 NTU	294.9 mV	37.60 ft	100.0 ml/min
2/10/2026 3:27 PM	02:35:00	4.659 pH	17.28 °C	31.29 µS/cm	5.744 mg/L	45.20 NTU	297.5 mV	37.70 ft	100.0 ml/min
2/10/2026 3:32 PM	02:40:00	4.642 pH	17.30 °C	31.49 µS/cm	5.715 mg/L	27.90 NTU	300.3 mV	37.80 ft	100.0 ml/min
2/10/2026 3:37 PM	02:45:00	4.649 pH	17.30 °C	31.50 µS/cm	5.711 mg/L	27.40 NTU	301.7 mV	37.90 ft	100.0 ml/min
2/10/2026 3:42 PM	02:50:00	4.645 pH	17.29 °C	31.44 µS/cm	5.642 mg/L	46.30 NTU	302.9 mV	38.00 ft	100.0 ml/min
2/10/2026 3:44 PM	02:51:37	4.655 pH	17.33 °C	31.39 µS/cm	5.619 mg/L	51.30 NTU	302.5 mV	38.10 ft	75.00 ml/min
2/10/2026 3:49 PM	02:56:37	4.674 pH	17.38 °C	31.37 µS/cm	5.578 mg/L	61.10 NTU	301.9 mV	38.10 ft	75.00 ml/min
2/10/2026 3:54 PM	03:01:37	4.668 pH	17.34 °C	31.42 µS/cm	5.562 mg/L	84.00 NTU	305.2 mV	38.20 ft	75.00 ml/min
2/10/2026 3:59 PM	03:06:37	4.656 pH	17.35 °C	31.43 µS/cm	5.559 mg/L	56.50 NTU	306.6 mV	38.20 ft	75.00 ml/min
2/10/2026 4:04 PM	03:11:37	4.651 pH	17.38 °C	31.57 µS/cm	5.551 mg/L	37.80 NTU	308.5 mV	38.30 ft	75.00 ml/min
2/10/2026 4:09 PM	03:16:37	4.650 pH	17.44 °C	31.50 µS/cm	5.527 mg/L	37.30 NTU	310.3 mV	38.30 ft	75.00 ml/min
2/10/2026 4:14 PM	03:21:37	4.587 pH	17.55 °C	31.44 µS/cm	5.505 mg/L	25.10 NTU	315.0 mV	38.40 ft	75.00 ml/min
2/10/2026 4:19 PM	03:26:37	4.716 pH	17.50 °C	31.57 µS/cm	5.508 mg/L	23.50 NTU	308.8 mV	38.40 ft	75.00 ml/min

2/10/2026 4:24 PM	03:31:37	4.702 pH	17.41 °C	31.67 µS/cm	5.508 mg/L	18.50 NTU	311.3 mV	38.50 ft	75.00 ml/min
2/10/2026 4:29 PM	03:36:37	4.695 pH	17.37 °C	31.73 µS/cm	5.496 mg/L	15.00 NTU	313.0 mV	38.50 ft	75.00 ml/min
2/10/2026 4:34 PM	03:41:37	4.680 pH	17.28 °C	31.75 µS/cm	5.496 mg/L	18.80 NTU	314.1 mV	38.60 ft	75.00 ml/min
2/10/2026 4:39 PM	03:46:37	4.679 pH	17.28 °C	31.75 µS/cm	5.508 mg/L	16.60 NTU	316.0 mV	38.70 ft	75.00 ml/min
2/10/2026 4:44 PM	03:51:37	4.661 pH	17.23 °C	31.73 µS/cm	5.533 mg/L	16.70 NTU	317.7 mV	38.80 ft	75.00 ml/min
2/10/2026 4:49 PM	03:56:37	4.657 pH	17.24 °C	31.75 µS/cm	5.527 mg/L	13.20 NTU	319.5 mV	38.80 ft	75.00 ml/min
2/10/2026 4:54 PM	04:01:37	4.636 pH	17.21 °C	31.81 µS/cm	5.524 mg/L	10.70 NTU	321.6 mV	38.80 ft	75.00 ml/min
2/10/2026 4:59 PM	04:06:37	4.614 pH	17.25 °C	31.76 µS/cm	5.551 mg/L	8.740 NTU	323.4 mV	38.80 ft	75.00 ml/min

Samples

Sample ID:	Description:

Low-Flow Test Report:

Test Date / Time: 2/11/2026 10:16:18 AM
Project: Plant Wansley Ash Pond
Operator Name: J. May

Location Name: WGWC-40 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 39.78 ft** **Total Depth: 49.78 ft** **Initial Depth to Water: 25.95 ft**	**Pump Type: Peristaltic Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 45.78 ft** **Estimated Total Volume Pumped: 6 liter** **Flow Cell Volume: 130 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 28.2 in**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1183974**

Test Notes:
Sample Time: 1046
Cloudy, 50s

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 3	+/- 5 %	+/- 10 %	+/- 10	+/- 25	+/- 0.3	
2/11/2026 10:16 AM	00:00	4.962 pH	17.63 °C	63.95 µS/cm	5.987 mg/L	3.480 NTU	196.0 mV	25.95 ft	200.0 ml/min
2/11/2026 10:21 AM	05:00	4.766 pH	17.73 °C	44.30 µS/cm	3.909 mg/L	2.690 NTU	193.3 mV	27.00 ft	200.0 ml/min
2/11/2026 10:26 AM	10:00	4.758 pH	17.71 °C	42.40 µS/cm	3.792 mg/L	1.870 NTU	202.4 mV	28.00 ft	200.0 ml/min
2/11/2026 10:31 AM	15:00	4.733 pH	17.74 °C	40.54 µS/cm	3.665 mg/L	1.280 NTU	210.2 mV	28.10 ft	200.0 ml/min
2/11/2026 10:36 AM	20:00	4.746 pH	17.82 °C	39.51 µS/cm	3.525 mg/L	2.580 NTU	214.6 mV	28.20 ft	200.0 ml/min
2/11/2026 10:41 AM	25:00	4.775 pH	17.86 °C	40.06 µS/cm	3.456 mg/L	1.480 NTU	214.2 mV	28.30 ft	200.0 ml/min
2/11/2026 10:46 AM	30:00	4.772 pH	17.92 °C	40.18 µS/cm	3.325 mg/L	1.030 NTU	214.0 mV	28.30 ft	200.0 ml/min

Samples

Sample ID:	Description:

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Low-Flow Test Report:

Test Date / Time: 2/10/2026 3:50:05 PM
Project: Plant Wansley Ash Pond
Operator Name: J. Berisford

Location Name: WGWC-41 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 21.96 ft** **Total Depth: 31.96 ft** **Initial Depth to Water: 28.54 ft**	**Pump Type: Peristaltic Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 31 ft** **Estimated Total Volume Pumped: 7.7 liter** **Flow Cell Volume: 130 ml** **Final Flow Rate: 150 ml/min** **Final Draw Down: 3.1636 in**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1235076**

Test Notes:
Well purged dry, allow for overnight recharge.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 3	+/- 5 %	+/- 10 %	+/- 10	+/- 25	+/- 0.5	
2/10/2026 3:50 PM	00:00	3.973 pH	21.40 °C	0.054 µS/cm	8.620 mg/L	19.00 NTU	171.6 mV	28.54 ft	100.0 ml/min
2/10/2026 3:55 PM	05:00	5.409 pH	18.31 °C	248.0 µS/cm	6.106 mg/L	13.00 NTU	115.0 mV	28.90 ft	100.0 ml/min
2/10/2026 4:00 PM	10:00	5.384 pH	18.23 °C	210.4 µS/cm	5.872 mg/L	6.100 NTU	110.1 mV	29.10 ft	100.0 ml/min
2/10/2026 4:05 PM	15:00	5.389 pH	18.31 °C	204.3 µS/cm	5.607 mg/L	3.600 NTU	106.6 mV	29.30 ft	100.0 ml/min
2/10/2026 4:10 PM	20:00	5.378 pH	18.30 °C	204.5 µS/cm	5.527 mg/L	3.860 NTU	103.5 mV	29.60 ft	100.0 ml/min
2/10/2026 4:15 PM	25:00	5.365 pH	18.49 °C	209.7 µS/cm	5.672 mg/L	2.320 NTU	103.1 mV	29.90 ft	150.0 ml/min
2/10/2026 4:20 PM	30:00	5.350 pH	18.31 °C	217.1 µS/cm	6.017 mg/L	2.880 NTU	102.0 mV	30.10 ft	150.0 ml/min
2/10/2026 4:25 PM	35:00	5.345 pH	18.20 °C	225.7 µS/cm	6.246 mg/L	2.730 NTU	102.7 mV	30.30 ft	150.0 ml/min
2/10/2026 4:30 PM	40:00	5.352 pH	18.17 °C	228.1 µS/cm	6.217 mg/L	2.250 NTU	103.0 mV	30.70 ft	150.0 ml/min
2/10/2026 4:35 PM	45:00	5.357 pH	18.10 °C	228.1 µS/cm	6.255 mg/L	3.020 NTU	102.5 mV	31.00 ft	150.0 ml/min
2/10/2026 4:40 PM	50:00	5.358 pH	18.07 °C	229.0 µS/cm	6.296 mg/L	3.330 NTU	101.8 mV	31.20 ft	150.0 ml/min
2/10/2026 4:45 PM	55:00	5.358 pH	18.04 °C	229.1 µS/cm	5.971 mg/L	6.830 NTU	101.6 mV	31.40 ft	150.0 ml/min
2/10/2026 4:50 PM	01:00:00	5.360 pH	18.02 °C	230.0 µS/cm	5.702 mg/L	9.310 NTU	101.0 mV	31.70 ft	150.0 ml/min

Samples

Sample ID:	Description:

Low-Flow Test Report:

Test Date / Time: 2/11/2026 9:43:45 AM
Project: Plant Wansley Ash Pond
Operator Name: J. Berisford

Location Name: WGWC-41 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 21.96 ft** **Total Depth: 31.96 ft** **Initial Depth to Water: 30.61 ft**	**Pump Type: Peristaltic Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 31 ft** **Estimated Total Volume Pumped: 0.7 liter** **Flow Cell Volume: 130 ml** **Final Flow Rate: 100 ml/min** **Final Draw Down: 3 in**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1235076**

Test Notes:
Well purged dry 2/10/26. Allowed for overnight recharge. Sample time -0952

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 3	+/- 5 %	+/- 10 %	+/- 10	+/- 25	+/- 0.5	
2/11/2026 9:43 AM	00:00	5.574 pH	16.07 °C	2.828 µS/cm	9.482 mg/L	84.00 NTU	237.8 mV	30.61 ft	100.0 ml/min
2/11/2026 9:44 AM	01:00	5.007 pH	16.44 °C	257.9 µS/cm	8.235 mg/L	77.00 NTU	232.5 mV	30.70 ft	100.0 ml/min
2/11/2026 9:45 AM	02:00	4.989 pH	16.68 °C	248.7 µS/cm	6.648 mg/L	56.00 NTU	232.4 mV	30.70 ft	100.0 ml/min
2/11/2026 9:46 AM	03:00	4.954 pH	16.69 °C	245.3 µS/cm	6.374 mg/L	33.00 NTU	232.4 mV	30.70 ft	100.0 ml/min
2/11/2026 9:47 AM	04:00	4.895 pH	16.73 °C	241.3 µS/cm	6.398 mg/L	26.00 NTU	229.5 mV	30.80 ft	100.0 ml/min
2/11/2026 9:48 AM	05:00	4.921 pH	16.77 °C	233.5 µS/cm	6.487 mg/L	16.00 NTU	225.4 mV	30.80 ft	100.0 ml/min
2/11/2026 9:49 AM	06:00	4.974 pH	16.79 °C	226.9 µS/cm	6.595 mg/L	11.00 NTU	222.5 mV	30.80 ft	100.0 ml/min
2/11/2026 9:50 AM	07:00	5.023 pH	16.88 °C	218.0 µS/cm	6.745 mg/L	9.580 NTU	222.5 mV	30.80 ft	100.0 ml/min

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Field Instrumentation Calibration Form

ATLANTIC COAST CONSULTING, INC.

Site Name: Plant Wansley AP

Date: 02-09-26

Calibrated By: J. May

Field Conditions: Sunny, 50s

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	AquaTrill 500	1183974
Turbidity Meter	Hach 2100Q	21030D000601

Calibration Standard Information

Parameter	Standard	Lot #	Date of Expiration	Brand
D.O. (%)	N/A	DI H_2O	N/A	N/A
pH (SU)	4.00	5G10399	09/27	PINE
pH (SU)	7.00	5GK0631	11/27	PINE
pH (SU)	10.00	5G10401	09/27	PINE
Specific Conductance (µS/cm)	1,413	5G10959	09/26	PINE
ORP (mV)	240.0	5G10371	09/26	PINE

	Standard	Lot #	Date of Expiration	Brand
Turbidity (NTU)	0	DI H_2O	N/A	N/A
	10	A5042	05/26	HACH
	20	A4309	02/26	HACH
	100	A4306	02/26	HACH

Calibration

Time Start: 1140 Time Finish: 1155

Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
D.O. (%)	N/A	100.0	13.99	± 10%	EPA 2023
pH (SU)	4.00	4.00	12.92	± 0.1	GWMP
pH (SU)	7.00	7.04	12.97	± 0.1	GWMP
pH (SU)	10.00	10.11	13.00	± 0.1	GWMP
Specific Conductance (µS/cm)	1,413	1413.0	13.14	± 10% of standard	NA
ORP (mV)	~~240.0~~ 242.6	241.8	14.72	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	0	0.31	± 10% of standard	EPA 2023
	10	10.4		
	20	20.2		
	100	103		

Calibration Check

Time Start Time Finish

Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
pH (SU)	4.00			± 0.1	GWMP
pH (SU)	7.00			± 0.1	GWMP
pH (SU)	10.00			± 0.1	GWMP
Specific Conductance (µS/cm)	1,413			± 10% of standard	EPA 2023

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

Field Instrumentation Calibration Form

ATLANTIC COAST CONSULTING, INC.

Site Name: Plant Wansley AP

Date: 02-10-26

Calibrated By: J. May

Field Conditions: Cloudy, 40s

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	AquaTrol 500	1183974
Turbidity Meter	Hach 2100Q	21030D000601

Calibration Standard Information

Parameter	Standard	Lot #	Date of Expiration	Brand
D.O. (%)	N/A	DI H_2O	N/A	N/A
pH (SU)	4.00	5G10399	09/27	PINE
pH (SU)	7.00	5GK0631	11/27	PINE
pH (SU)	10.00	5G10401	09/27	PINE
Specific Conductance (µS/cm)	1,413	5G10959	09/26	PINE
ORP (mV)	240.0	5G10371	06/26	PINE

	Standard	Lot #	Date of Expiration	Brand
Turbidity (NTU)	0	DI H_2O	N/A	N/A
	10	A5042	05/26	HACH
	20	A4309	02/26	HACH
	100	A4306	02/26	HACH

Calibration

Time Start: 0830 Time Finish: 0840

Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
D.O. (%)	N/A	100.0	9.989	± 10%	EPA 2023
pH (SU)	4.00	4.00	9.197	± 0.1	GWMP
pH (SU)	7.00	7.06	10.02	± 0.1	GWMP
pH (SU)	10.00	10.14	10.03	± 0.1	GWMP
Specific Conductance (µS/cm)	1,413	1413.0	9.997	± 10% of standard	NA
ORP (mV)	~~240.0~~ 249.2	248.2	9.656	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	0	0.27	± 10% of standard	EPA 2023
	10	10.8		
	20	19.9		
	100	100		

Calibration Check

Time Start 1145 Time Finish 1200

Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
pH (SU)	4.00	4.00	16.67	± 0.1	GWMP
pH (SU)	7.00	7.04	15.42	± 0.1	GWMP
pH (SU)	10.00	10.11	15.51	± 0.1	GWMP
Specific Conductance (µS/cm)	1,413	1413.0	14.75	± 10% of standard	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	0	0.22	± 10% of standard	EPA 2023
	10	~~20~~ 10.3		
	20	20.1		
	100	102		

Field Instrumentation Calibration Form

ATLANTIC COAST CONSULTING, INC.

Site Name: Plant Wansley AP

Date: 02-11-26

Calibrated By: J. May

Field Conditions: Cloudy, 50s

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	Aqua Troll 500	1183974
Turbidity Meter	Hach 2100Q	21030D000601

Calibration Standard Information

Parameter	Standard	Lot #	Date of Expiration	Brand
D.O. (%)	N/A	DI H_2O	N/A	N/A
pH (SU)	4.00	5G10399	09/27	PINE
pH (SU)	7.00	5GK0641	11/27	PINE
pH (SU)	10.00	5G10401	09/27	PINE
Specific Conductance (µS/cm)	1,413	5G10959	09/26	PINE
ORP (mV)	240.0	5G10371	06/26	PINE

	Standard	Lot #	Date of Expiration	Brand
Turbidity (NTU)	0	DI H_2O	N/A	N/A
	10	A5042	05/26	HACH
	20	A4309	02/26	HACH
	100	A4306	02/26	HACH

Calibration

Time Start: 0835 Time Finish: 0845

Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
D.O. (%)	N/A	100.0	15.37	± 10%	EPA 2023
pH (SU)	4.00	4.00	14.71	± 0.1	GWMP
pH (SU)	7.00	7.04	14.67	± 0.1	GWMP
pH (SU)	10.00	10.11	14.67	± 0.1	GWMP
Specific Conductance (µS/cm)	1,413	1413.0	14.91	± 10% of standard	NA
ORP (mV)	~~240.0~~ 242.5	242.5	14.75	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	0	0.30	± 10% of standard	EPA 2023
	10	10.8		
	20	20.6		
	100	99.8		

Calibration Check

Time Start 1215 Time Finish 1220

Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
pH (SU)	4.00	4.00	17.67	± 0.1	GWMP
pH (SU)	7.00	7.04	17.25	± 0.1	GWMP
pH (SU)	10.00	10.11	17.27	± 0.1	GWMP
Specific Conductance (µS/cm)	1,413	1413.0	17.10	± 10% of standard	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	0	0.26	± 10% of standard	EPA 2023
	10	10.2		
	20	20.2		
	100	101		

Field Instrumentation Calibration Form

ATLANTIC COAST CONSULTING, INC.

Site Name: Plant Wansley AP

Date: 02-12-26

Calibrated By: J. May

Field Conditions: Sunny, 30s

Instrument	Manufactuer/ Model	Serial Number
Water Quality Mater	AquaTroll 500	1183974
Turbidity Mater	Hach 2100Q	21030C00060

Calibration Standard Information

Parameter	Standard	Lot #	Date of Expiration	Brand
D.O. (%)	N/A	DI H_2O	N/A	N/A
pH (SU)	4.00	5G10399	09/27	PINE
pH (SU)	7.00	5GK0631	11/27	PINE
pH (SU)	10.00	5G10401	09/27	PINE
Specific Conductance (µS/cm)	1,413	5G10959	09/26	PINE
ORP (mV)	240.0	5G10371	06/26	PINE

	Standard	Lot #	Date of Expiration	Brand
Turbidity (NTU)	0	DI H_2O	N/A	N/A
	10	A5042	05/26	HACH
	20	A4309	02/26	HACH
	100	A4306	02/26	HACH

Calibration

Time Start: 0825 Time Finish: 0845

Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
D.O. (%)	N/A	100.0	6.613	± 10%	EPA 2023
pH (SU)	4.00	4.00	6.359	± 0.1	GWMP
pH (SU)	7.00	7.06	6.294	± 0.1	GWMP
pH (SU)	10.00	10.14	6.393	± 0.1	GWMP
Specific Conductance (µS/cm)	1,413	1413.0	6.349	± 10% of standard	NA
ORP (mV)	~~240.0~~ 253.9	254.5	6.379	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	0	0.24	± 10% of standard	EPA 2023
	10	10.9		
	20	20.5		
	100	101		

Calibration Check

Time Start 1230 Time Finish 1240

Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
pH (SU)	4.00	4.00	13.68	± 0.1	GWMP
pH (SU)	7.00	7.06	13.45	± 0.1	GWMP
pH (SU)	10.00	10.14	14.11	± 0.1	GWMP
Specific Conductance (µS/cm)	1,413	1413.0	14.76	± 10% of standard	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	0	0.27	± 10% of standard	EPA 2023
	10	10.5		
	20	20.2		
	100	99.8		

Field Instrumentation Calibration Form

ATLANTIC COAST CONSULTING, INC.

Site Name: Plant Wansley AP

Date: 02-12-26

Calibrated By: J. May

Field Conditions: Sunny, 40s

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	AquaTroll 400	1080302
Turbidity Meter		

Calibration Standard Information

Parameter	Standard	Lot #	Date of Expiration	Brand
D.O. (%)	N/A	DI H_2O	N/A	N/A
pH (SU)	4.00	5G10399	09/27	PINE
pH (SU)	7.00	5GK0631	11/27	PINE
pH (SU)	10.00	5G10401	09/27	PINE
Specific Conductance (µS/cm)	1,413	5G10959	09/26	PINE
ORP (mV)	240.0	5G10371	06/26	PINE

	Standard	Lot #	Date of Expiration	Brand
Turbidity (NTU)	0	DI H_2O	N/A	N/A
	10			HACH
	20			HACH
	100			HACH

Calibration

Time Start: 1010 Time Finish: 1020

Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
D.O. (%)	N/A	100.0	6.526	± 10%	EPA 2023
pH (SU)	4.00	4.00	7.027	± 0.1	GWMP
pH (SU)	7.00	7.06	~~[illegible]~~ 7.26	± 0.1	GWMP
pH (SU)	10.00	10.14	7.609	± 0.1	GWMP
Specific Conductance (µS/cm)	1,413	1413.0	7.602	± 10% of standard	NA
ORP (mV)	~~240.0~~ 251.8	254.5	7.637	± 10	EPA 2023

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

Calibration Check

Time Start Time Finish

Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
pH (SU)	4.00			± 0.1	GWMP
pH (SU)	7.00			± 0.1	GWMP
pH (SU)	10.00			± 0.1	GWMP
Specific Conductance (µS/cm)	1,413			± 10% of standard	EPA 2023

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

Field Instrumentation Calibration Form

ATLANTIC COAST CONSULTING, INC.

Site Name: Wayley AP

Date: 2/9/26

Calibrated By: J. Bernard

Field Conditions: Sunny

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	AquaTroll 500	1235676
Turbidity Meter	HACH 2100Q	19090079586

Calibration Standard Information

Parameter	Standard	Lot #	Date of Expiration	Brand
D.O. (%)	N/A	DI H_2O	N/A	N/A
pH (SU)	4.00	56I0399	9/27	PINE
pH (SU)	7.00	46I0915	9/26	PINE
pH (SU)	10.00	46C0600	3/26	PINE
Specific Conductance (µS/cm)	1,413	56I0459	9/26	PINE
ORP (mV)	240.0	56I0371	6/26	PINE

	Standard	Lot #	Date of Expiration	Brand
Turbidity (NTU)	0	DI H_2O	N/A	N/A
	10	A4302	2/26	HACH
	20	A4309	2/26	HACH
	100	A4306	2/26	HACH

Calibration

Time Start: 1241 Time Finish: 1254

Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
D.O. (%)	N/A	100	19.22	± 10%	EPA 2023
pH (SU)	4.00	4.06	17.45	± 0.1	GWMP
pH (SU)	7.00	7.04	17.32	± 0.1	GWMP
pH (SU)	10.00	10.11	17.18	± 0.1	GWMP
Specific Conductance (µS/cm)	~~1,413~~ 1284	1284	17.44	± 10% of standard	NA
ORP (mV)	240.0	238	17.59	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	0	0.12	± 10% of standard	EPA 2023
	10	9.75		
	20	20.2		
	100	97		

Calibration Check

Time Start Time Finish

Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
pH (SU)	4.00			± 0.1	GWMP
pH (SU)	7.00			± 0.1	GWMP
pH (SU)	10.00			± 0.1	GWMP
Specific Conductance (µS/cm)	1,413			± 10% of standard	EPA 2023

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

Field Instrumentation Calibration Form

ATLANTIC COAST CONSULTING, INC.

Site Name: Wesley AP

Date: 2/10/26

Calibrated By: J. Bairsford

Field Conditions: Clouds

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	AquaTroll 500	1235076
Turbidity Meter	HACH 2100Q	19090074586

Calibration Standard Information

Parameter	Standard	Lot #	Date of Expiration	Brand
D.O. (%)	N/A	DI H_2O	N/A	N/A
pH (SU)	4.00	56E0394	9/27	PINE
pH (SU)	7.00	46I0915	9/26	PINE
pH (SU)	10.00	46C0600	3/26	PINE
Specific Conductance (µS/cm)	1,413	56E0959	9/26	PINE
ORP (mV)	240.0	5EI0371	6/26	PINE

	Standard	Lot #	Date of Expiration	Brand
Turbidity (NTU)	0	DI H_2O	N/A	N/A
	10	A4302	2/26	HACH
	20	A4309	2/26	HACH
	100	A4306	2/26	HACH

Calibration

Time Start: 0852 Time Finish: 0902

Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
D.O. (%)	N/A	100	10.47	± 10%	EPA 2023
pH (SU)	4.00	4.00	10.63	± 0.1	GWMP
pH (SU)	7.00	7.06	10.45	± 0.1	GWMP
pH (SU)	10.00	10.14	10.53	± 0.1	GWMP
Specific Conductance (µS/cm)	~~1,413~~ 1284	1284	10.41	± 10% of standard	NA
ORP (mV)	240.0	248	10.45	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	0	0.16	± 10% of standard	EPA 2023
	10	9.84		
	20	19.9		
	100	104		

Calibration Check

Time Start 1138 Time Finish 1150

Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
pH (SU)	4.00	4.06	12.31	± 0.1	GWMP
pH (SU)	7.00	6.95	12.39	± 0.1	GWMP
pH (SU)	10.00	9.92	11.98	± 0.1	GWMP
Specific Conductance (µS/cm)	~~1,413~~ 1284	1311	12.49	± 10% of standard	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	0	0.14	± 10% of standard	EPA 2023
	10	10.0		
	20	20.2		
	100	107		

Field Instrumentation Calibration Form

ATLANTIC COAST CONSULTING, INC.

Site Name: Wansley AP

Date: 2/11/26

Calibrated By: D. Bensford

Field Conditions: Cloudy

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	AquaTroll 500	235076
Turbidity Meter	HACH 2100Q	19090079586

Calibration Standard Information

Parameter	Standard	Lot #	Date of Expiration	Brand
D.O. (%)	N/A	DI H_2O	N/A	N/A
pH (SU)	4.00	56I0349	9/27	PINE
pH (SU)	7.00	46I0915	9/26	PINE
pH (SU)	10.00	46C0600	3/26	PINE
Specific Conductance (µS/cm)	1,413	56I0959	9/26	PINE
ORP (mV)	240.0	56I0371	6/26	PINE

	Standard	Lot #	Date of Expiration	Brand
Turbidity (NTU)	0	DI H_2O	N/A	N/A
	10	A4302	2/26	HACH
	20	A4309	2/26	HACH
	100	A4306	2/26	HACH

Calibration

Time Start: 0838 Time Finish: 0849

Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
D.O. (%)	N/A	100	15.18	± 10%	EPA 2023
pH (SU)	4.00	4.00	15.92	± 0.1	GWMP
pH (SU)	7.00	7.04	15.88	± 0.1	GWMP
pH (SU)	10.00	10.11	15.95	± 0.1	GWMP
Specific Conductance (µS/cm)	~~1413~~ 1284	1284	15.99	± 10% of standard	NA
ORP (mV)	240.0	246	16.01	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	0	0.27	± 10% of standard	EPA 2023
	10	10.1		
	20	19.1		
	100	96		

Calibration Check

Time Start 1237 Time Finish 1244

Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
pH (SU)	4.00	4.07	16.06	± 0.1	GWMP
pH (SU)	7.00	7.03	16.11	± 0.1	GWMP
pH (SU)	10.00	10.08	15.94	± 0.1	GWMP
Specific Conductance (µS/cm)	~~1413~~ 1284	1301	16.12	± 10% of standard	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	0	0.25	± 10% of standard	EPA 2023
	10	10.1		
	20	20.1		
	100	104		

Field Instrumentation Calibration Form

ATLANTIC COAST CONSULTING, INC.

Site Name: Warsley AP

Date: 2/12/26

Calibrated By: J. Bedford

Field Conditions: Sunny

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	AquaTroll 500	1235076
Turbidity Meter	HACH 2100Q	19092079586

Calibration Standard Information

Parameter	Standard	Lot #	Date of Expiration	Brand
D.O. (%)	N/A	DI H_2O	N/A	N/A
pH (SU)	4.00	56I0384	9/27	PINE
pH (SU)	7.00	46I0915	9/26	PINE
pH (SU)	10.00	4660600	3/26	PINE
Specific Conductance (µS/cm)	1,413	56I0959	9/26	PINE
ORP (mV)	240.0	56I0371	6/26	PINE

	Standard	Lot #	Date of Expiration	Brand
Turbidity (NTU)	0	DI H_2O	N/A	N/A
	10	A4202	2/26	HACH
	20	A4309	2/26	HACH
	100	A4306	2/26	HACH

Calibration

Time Start: 0836 Time Finish: 0848

Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
D.O. (%)	N/A	100	5.66	± 10%	EPA 2023
pH (SU)	4.00	4.00	8.14	± 0.1	GWMP
pH (SU)	7.00	7.06	8.81	± 0.1	GWMP
pH (SU)	10.00	10.14	8.60	± 0.1	GWMP
Specific Conductance (µS/cm)	~~1,413~~ 1284	1284	8.95	± 10% of standard	NA
ORP (mV)	240.0	250	8.61	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	0	0.31	± 10% of standard	EPA 2023
	10	9.66		
	20	20.5		
	100	101		

Calibration Check

Time Start Time Finish

Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
pH (SU)	4.00			± 0.1	GWMP
pH (SU)	7.00			± 0.1	GWMP
pH (SU)	10.00			± 0.1	GWMP
Specific Conductance (µS/cm)	1,413			± 10% of standard	EPA 2023

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

Low-Flow Test Report:

Test Date / Time: 2/12/2026 2:15:27 PM
Project: Plant Wansley Ash Pond
Operator Name: Hunter Auld

Location Name: PZ-23D **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 84.8 ft** **Total Depth: 94.8 ft** **Initial Depth to Water: 51.16 ft**	**Pump Type: Portable Bladder Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 90 ft** **Estimated Total Volume Pumped: 4700 ml** **Flow Cell Volume: 130 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 0.14 ft**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1183990**

Test Notes:
Sample time 1440. Clear 61.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 3	+/- 5 %	+/- 10 %	+/- 10	+/- 25	+/- 0.3	
2/12/2026 2:15 PM	00:00	6.441 pH	18.29 °C	292.7 µS/cm	1.133 mg/L	3.090 NTU	9.4 mV	51.16 ft	180.0 ml/min
2/12/2026 2:20 PM	05:00	6.422 pH	17.81 °C	288.4 µS/cm	0.583 mg/L	2.720 NTU	-0.0 mV	51.30 ft	180.0 ml/min
2/12/2026 2:25 PM	10:00	6.425 pH	17.75 °C	288.4 µS/cm	0.428 mg/L	2.000 NTU	-4.4 mV	51.30 ft	180.0 ml/min
2/12/2026 2:30 PM	15:00	6.428 pH	17.67 °C	288.8 µS/cm	0.375 mg/L	1.960 NTU	-5.3 mV	51.30 ft	200.0 ml/min
2/12/2026 2:35 PM	20:00	6.436 pH	17.78 °C	289.0 µS/cm	0.330 mg/L	1.850 NTU	-7.0 mV	51.30 ft	200.0 ml/min
2/12/2026 2:40 PM	25:00	6.435 pH	17.66 °C	289.1 µS/cm	0.295 mg/L	1.370 NTU	-6.4 mV	51.30 ft	200.0 ml/min

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 2/12/2026 2:01:03 PM
Project: Plant Wansley Ash Pond
Operator Name: D. Johnson

Location Name: PZ-26D **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 70.1 ft** **Total Depth: 80.1 ft** **Initial Depth to Water: 16.51 ft**	**Pump Type: Peristaltic Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 75 ft** **Estimated Total Volume Pumped: 5 liter** **Flow Cell Volume: 130 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 26.52 in**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1235093**

Test Notes:
Sample time 1426. Sunny, 61 degrees F. FD-08 here.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 3	+/- 5 %	+/- 10 %	+/- 10	+/- 25	+/- 0.3	
2/12/2026 2:01 PM	00:00	6.307 pH	21.35 °C	180.7 µS/cm	5.116 mg/L	1.060 NTU	168.9 mV	16.51 ft	200.0 ml/min
2/12/2026 2:06 PM	05:00	6.177 pH	20.25 °C	184.3 µS/cm	2.029 mg/L	1.070 NTU	176.6 mV	17.82 ft	200.0 ml/min
2/12/2026 2:11 PM	10:00	6.206 pH	20.08 °C	184.4 µS/cm	1.883 mg/L	0.930 NTU	172.3 mV	18.11 ft	200.0 ml/min
2/12/2026 2:16 PM	15:00	6.225 pH	20.08 °C	184.5 µS/cm	1.762 mg/L	0.670 NTU	170.4 mV	18.52 ft	200.0 ml/min
2/12/2026 2:21 PM	20:00	6.232 pH	20.27 °C	184.9 µS/cm	1.701 mg/L	0.650 NTU	167.5 mV	18.61 ft	200.0 ml/min
2/12/2026 2:26 PM	25:00	6.237 pH	20.26 °C	184.6 µS/cm	1.651 mg/L	0.620 NTU	166.2 mV	18.72 ft	200.0 ml/min

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 2/12/2026 12:37:44 PM
Project: Plant Wansley Ash Pond
Operator Name: D. Johnson

Location Name: PZ-31 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 32.25 ft** **Total Depth: 42.25 ft** **Initial Depth to Water: 21.86 ft**	**Pump Type: Peristaltic Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 37 ft** **Estimated Total Volume Pumped: 6 liter** **Flow Cell Volume: 130 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 15.72 in**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1235093**

Test Notes:
Sample time 1308. Sunny, 59 degrees F.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 3	+/- 5 %	+/- 10 %	+/- 10	+/- 25	+/- 0.3	
2/12/2026 12:37 PM	00:00	5.054 pH	18.80 °C	49.64 µS/cm	4.660 mg/L	0.800 NTU	92.7 mV	21.86 ft	200.0 ml/min
2/12/2026 12:42 PM	05:00	4.982 pH	19.45 °C	48.72 µS/cm	3.577 mg/L	2.750 NTU	137.8 mV	22.56 ft	200.0 ml/min
2/12/2026 12:47 PM	10:00	4.969 pH	19.43 °C	48.45 µS/cm	3.425 mg/L	1.800 NTU	173.7 mV	22.91 ft	200.0 ml/min
2/12/2026 12:52 PM	15:00	4.935 pH	19.55 °C	48.34 µS/cm	3.361 mg/L	1.570 NTU	196.9 mV	23.06 ft	200.0 ml/min
2/12/2026 12:57 PM	20:00	4.917 pH	19.81 °C	48.16 µS/cm	3.314 mg/L	1.830 NTU	212.1 mV	23.10 ft	200.0 ml/min
2/12/2026 1:02 PM	25:00	4.927 pH	19.84 °C	47.90 µS/cm	3.233 mg/L	1.230 NTU	222.0 mV	23.14 ft	200.0 ml/min
2/12/2026 1:07 PM	30:00	4.935 pH	19.93 °C	47.75 µS/cm	3.118 mg/L	1.180 NTU	229.5 mV	23.17 ft	200.0 ml/min

Samples

Sample ID:	Description:

Low-Flow Test Report:

Test Date / Time: 2/12/2026 12:23:04 PM
Project: Plant Wansley Ash Pond
Operator Name: Taylor Goble

Location Name: PZ-32D **Well Diameter: 1 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 315 ft** **Total Depth: 325 ft** **Initial Depth to Water: 7.47 ft**	**Pump Type: Double Valve Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 310 ft** **Estimated Total Volume Pumped: 4.375 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 125 ml/min** **Final Draw Down: 1.15 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1283493**

Test Notes:
Sampled at 1258. Clear 58 degrees.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 3	+/- 5 %	+/- 10 %	+/- 10	+/- 25	+/- 0.3	
2/12/2026 12:23 PM	00:00	7.266 pH	14.87 °C	2,335 µS/cm	4.084 mg/L	2.550 NTU	-52.6 mV	7.470 ft	125.0 ml/min
2/12/2026 12:28 PM	05:00	7.218 pH	15.84 °C	2,426 µS/cm	3.058 mg/L	2.350 NTU	-105.8 mV	8.620 ft	125.0 ml/min
2/12/2026 12:33 PM	10:00	7.239 pH	16.77 °C	2,415 µS/cm	1.733 mg/L	2.220 NTU	-87.2 mV	8.620 ft	125.0 ml/min
2/12/2026 12:38 PM	15:00	7.241 pH	16.98 °C	2,407 µS/cm	1.166 mg/L	2.090 NTU	-93.1 mV	8.620 ft	125.0 ml/min
2/12/2026 12:43 PM	20:00	7.242 pH	16.95 °C	2,408 µS/cm	0.954 mg/L	1.810 NTU	-95.6 mV	8.620 ft	125.0 ml/min
2/12/2026 12:48 PM	25:00	7.239 pH	17.04 °C	2,408 µS/cm	0.814 mg/L	1.770 NTU	-97.9 mV	8.620 ft	125.0 ml/min
2/12/2026 12:53 PM	30:00	7.238 pH	17.59 °C	2,385 µS/cm	0.700 mg/L	1.620 NTU	-100.3 mV	8.620 ft	125.0 ml/min
2/12/2026 12:58 PM	35:00	7.239 pH	17.28 °C	2,402 µS/cm	0.640 mg/L	1.550 NTU	-101.6 mV	8.620 ft	125.0 ml/min

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 2/12/2026 10:21:01 AM
Project: Plant Wansley Ash Pond
Operator Name: Taylor Goble

Location Name: PZ-33D **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 395 ft** **Total Depth: 405 ft** **Initial Depth to Water: 7.42 ft**	**Pump Type: Double Valve Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 400 ft** **Estimated Total Volume Pumped: 5 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 100 ml/min** **Final Draw Down: 0 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1283493**

Test Notes:
Sampled at 1111. Clear 52 degrees. AP1-FB-14 poured here

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 3	+/- 5 %	+/- 10 %	+/- 10	+/- 25	+/- 0.3	
2/12/2026 10:21 AM	00:00	6.622 pH	15.80 °C	2,003 µS/cm	6.109 mg/L	3.890 NTU	78.4 mV	7.420 ft	100.0 ml/min
2/12/2026 10:26 AM	05:00	7.042 pH	14.29 °C	2,131 µS/cm	4.069 mg/L	3.140 NTU	-35.8 mV	7.420 ft	100.0 ml/min
2/12/2026 10:31 AM	10:00	7.414 pH	14.37 °C	2,156 µS/cm	3.094 mg/L	2.760 NTU	-50.6 mV	7.420 ft	100.0 ml/min
2/12/2026 10:36 AM	15:00	7.562 pH	14.55 °C	2,159 µS/cm	2.701 mg/L	2.500 NTU	-68.4 mV	7.420 ft	100.0 ml/min
2/12/2026 10:41 AM	20:00	7.614 pH	14.64 °C	2,155 µS/cm	2.438 mg/L	2.130 NTU	-75.3 mV	7.420 ft	100.0 ml/min
2/12/2026 10:46 AM	25:00	7.639 pH	14.61 °C	2,145 µS/cm	2.236 mg/L	1.600 NTU	-78.7 mV	7.420 ft	100.0 ml/min
2/12/2026 10:51 AM	30:00	7.656 pH	14.49 °C	2,146 µS/cm	2.008 mg/L	1.440 NTU	-83.2 mV	7.420 ft	100.0 ml/min
2/12/2026 10:56 AM	35:00	7.670 pH	14.50 °C	2,143 µS/cm	1.751 mg/L	1.250 NTU	-86.7 mV	7.420 ft	100.0 ml/min
2/12/2026 11:01 AM	40:00	7.682 pH	14.43 °C	2,145 µS/cm	1.566 mg/L	1.170 NTU	-89.4 mV	7.420 ft	100.0 ml/min
2/12/2026 11:06 AM	45:00	7.691 pH	14.44 °C	2,145 µS/cm	1.452 mg/L	1.210 NTU	-92.1 mV	7.420 ft	100.0 ml/min
2/12/2026 11:11 AM	50:00	7.699 pH	14.44 °C	2,142 µS/cm	1.391 mg/L	1.130 NTU	-93.7 mV	7.420 ft	100.0 ml/min

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 2/12/2026 9:12:15 AM
Project: Plant Wansley Ash Pond
Operator Name: D. Johnson

Location Name: WAMW-1 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 114.6 ft** **Total Depth: 124.6 ft** **Initial Depth to Water: 23.57 ft**	**Pump Type: Peri pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 119 ft** **Estimated Total Volume Pumped: 56000 ml** **Flow Cell Volume: 130 ml** **Final Flow Rate: 400 ml/min** **Final Draw Down: 19.68 in**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1235093**

Test Notes:
Sample time 1132. Sunny, 54 degrees F.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 3	+/- 5 %	+/- 10 %	+/- 10	+/- 25	+/- 0.3	
2/12/2026 9:12 AM	00:00	10.39 pH	10.73 °C	179.1 µS/cm	7.907 mg/L	1.050 NTU	200.7 mV	23.57 ft	400.0 ml/min
2/12/2026 9:17 AM	05:00	10.49 pH	12.31 °C	139.7 µS/cm	0.983 mg/L	0.720 NTU	203.9 mV	24.42 ft	400.0 ml/min
2/12/2026 9:22 AM	10:00	10.58 pH	12.77 °C	138.3 µS/cm	0.610 mg/L	0.610 NTU	193.4 mV	24.80 ft	400.0 ml/min
2/12/2026 9:27 AM	15:00	10.59 pH	13.04 °C	137.5 µS/cm	0.418 mg/L	0.550 NTU	187.7 mV	24.85 ft	400.0 ml/min
2/12/2026 9:32 AM	20:00	10.58 pH	13.12 °C	137.4 µS/cm	0.339 mg/L	0.620 NTU	184.2 mV	24.88 ft	400.0 ml/min
2/12/2026 9:37 AM	25:00	10.58 pH	13.44 °C	137.5 µS/cm	0.294 mg/L	0.490 NTU	180.6 mV	24.92 ft	400.0 ml/min
2/12/2026 9:42 AM	30:00	10.57 pH	13.61 °C	137.9 µS/cm	0.255 mg/L	0.550 NTU	166.4 mV	24.94 ft	400.0 ml/min
2/12/2026 9:47 AM	35:00	10.58 pH	13.59 °C	137.7 µS/cm	0.234 mg/L	0.510 NTU	154.6 mV	24.95 ft	400.0 ml/min
2/12/2026 9:52 AM	40:00	10.57 pH	13.82 °C	138.6 µS/cm	0.221 mg/L	0.490 NTU	145.2 mV	24.98 ft	400.0 ml/min
2/12/2026 9:57 AM	45:00	10.58 pH	13.84 °C	139.2 µS/cm	0.205 mg/L	0.450 NTU	135.8 mV	25.04 ft	400.0 ml/min
2/12/2026 10:02 AM	50:00	10.57 pH	13.98 °C	139.5 µS/cm	0.195 mg/L	0.420 NTU	123.5 mV	25.06 ft	400.0 ml/min
2/12/2026 10:07 AM	55:00	10.57 pH	14.05 °C	140.1 µS/cm	0.192 mg/L	0.430 NTU	113.1 mV	25.09 ft	400.0 ml/min
2/12/2026 10:12 AM	01:00:00	10.58 pH	14.18 °C	140.9 µS/cm	0.184 mg/L	0.400 NTU	104.7 mV	25.11 ft	400.0 ml/min
2/12/2026 10:17 AM	01:05:00	10.58 pH	14.22 °C	140.1 µS/cm	0.183 mg/L	0.400 NTU	98.0 mV	25.15 ft	400.0 ml/min
2/12/2026 10:22 AM	01:10:00	10.55 pH	14.25 °C	137.5 µS/cm	0.175 mg/L	0.370 NTU	94.9 mV	25.18 ft	400.0 ml/min

2/12/2026 10:27 AM	01:15:00	10.51 pH	14.18 °C	134.1 µS/cm	0.175 mg/L	0.330 NTU	86.1 mV	25.20 ft	400.0 ml/min
2/12/2026 10:32 AM	01:20:00	10.44 pH	14.23 °C	128.9 µS/cm	0.180 mg/L	0.360 NTU	67.2 mV	25.21 ft	400.0 ml/min
2/12/2026 10:37 AM	01:25:00	10.37 pH	14.43 °C	126.0 µS/cm	0.171 mg/L	0.390 NTU	53.2 mV	25.21 ft	400.0 ml/min
2/12/2026 10:42 AM	01:30:00	10.34 pH	14.44 °C	124.7 µS/cm	0.170 mg/L	0.370 NTU	50.6 mV	25.21 ft	400.0 ml/min
2/12/2026 10:47 AM	01:35:00	10.33 pH	14.49 °C	124.7 µS/cm	0.169 mg/L	0.320 NTU	35.8 mV	25.21 ft	400.0 ml/min
2/12/2026 10:52 AM	01:40:00	10.27 pH	14.68 °C	124.3 µS/cm	0.170 mg/L	0.350 NTU	27.8 mV	25.21 ft	400.0 ml/min
2/12/2026 10:57 AM	01:45:00	10.05 pH	14.60 °C	124.1 µS/cm	0.170 mg/L	0.370 NTU	26.8 mV	25.21 ft	400.0 ml/min
2/12/2026 11:02 AM	01:50:00	9.626 pH	14.71 °C	135.0 µS/cm	0.171 mg/L	0.360 NTU	19.4 mV	25.21 ft	400.0 ml/min
2/12/2026 11:07 AM	01:55:00	8.158 pH	14.74 °C	170.5 µS/cm	0.167 mg/L	0.380 NTU	22.9 mV	25.21 ft	400.0 ml/min
2/12/2026 11:12 AM	02:00:00	7.487 pH	15.04 °C	176.9 µS/cm	0.152 mg/L	0.370 NTU	28.1 mV	25.21 ft	400.0 ml/min
2/12/2026 11:17 AM	02:05:00	7.350 pH	15.04 °C	181.8 µS/cm	0.172 mg/L	0.370 NTU	33.1 mV	25.21 ft	400.0 ml/min
2/12/2026 11:22 AM	02:10:00	7.251 pH	15.15 °C	185.3 µS/cm	0.167 mg/L	0.350 NTU	36.9 mV	25.21 ft	400.0 ml/min
2/12/2026 11:27 AM	02:15:00	7.221 pH	15.16 °C	186.8 µS/cm	0.165 mg/L	0.250 NTU	40.8 mV	25.21 ft	400.0 ml/min
2/12/2026 11:32 AM	02:20:00	7.183 pH	15.16 °C	188.0 µS/cm	0.170 mg/L	0.230 NTU	46.4 mV	25.21 ft	400.0 ml/min

Samples

Sample ID:	Description:

Low-Flow Test Report:

Test Date / Time: 2/11/2026 12:50:14 PM
Project: Plant Wansley Ash Pond
Operator Name: Taylor Goble

Location Name: WAMW-2 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 76.92 ft** **Total Depth: 86.92 ft** **Initial Depth to Water: 15.82 ft**	**Pump Type: Peristaltic pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 81 ft** **Estimated Total Volume Pumped: 9.19 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 350 ml/min** **Final Draw Down: 0.45 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1283493**

Test Notes:
Sampled at 1316. Cloudy 65 degrees

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 3	+/- 5 %	+/- 10 %	+/- 10	+/- 25	+/- 0.3	
2/11/2026 12:50 PM	00:00	6.723 pH	20.07 °C	155.3 µS/cm	2.170 mg/L	5.130 NTU	16.5 mV	15.82 ft	350.0 ml/min
2/11/2026 12:55 PM	05:00	6.712 pH	18.23 °C	160.0 µS/cm	0.221 mg/L	4.690 NTU	9.5 mV	16.16 ft	350.0 ml/min
2/11/2026 1:00 PM	10:00	6.712 pH	18.11 °C	160.3 µS/cm	0.169 mg/L	4.450 NTU	8.7 mV	16.27 ft	350.0 ml/min
2/11/2026 1:05 PM	15:00	6.695 pH	18.06 °C	159.8 µS/cm	0.149 mg/L	3.650 NTU	8.4 mV	16.27 ft	350.0 ml/min
2/11/2026 1:10 PM	20:00	6.696 pH	18.02 °C	161.7 µS/cm	0.134 mg/L	3.180 NTU	7.0 mV	16.27 ft	350.0 ml/min
2/11/2026 1:15 PM	25:00	6.708 pH	18.01 °C	163.7 µS/cm	0.124 mg/L	2.710 NTU	5.9 mV	16.27 ft	350.0 ml/min
2/11/2026 1:16 PM	26:17	6.705 pH	18.00 °C	163.6 µS/cm	0.124 mg/L	2.620 NTU	5.6 mV	16.27 ft	350.0 ml/min

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 2/10/2026 10:03:12 AM
Project: Plant Wansley Ash Pond
Operator Name: Hunter Auld

Location Name: WGWA-1 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 119.56 ft** **Total Depth: 129.56 ft** **Initial Depth to Water: 28.31 ft**	**Pump Type: Dedicated Bladder Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 124 ft** **Estimated Total Volume Pumped: 10500 ml** **Flow Cell Volume: 130 ml** **Final Flow Rate: 300 ml/min** **Final Draw Down: 0.04 ft**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1183990**

Test Notes:
Sample time 1038. Cloudy 57.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 3	+/- 5 %	+/- 10 %	+/- 10	+/- 25	+/- 0.3	
2/10/2026 10:03 AM	00:00	6.644 pH	11.95 °C	46.44 µS/cm	8.404 mg/L	2.200 NTU	156.8 mV	28.31 ft	300.0 ml/min
2/10/2026 10:08 AM	05:00	5.201 pH	17.39 °C	37.83 µS/cm	1.107 mg/L	0.430 NTU	169.8 mV	28.35 ft	300.0 ml/min
2/10/2026 10:13 AM	10:00	5.230 pH	17.53 °C	36.57 µS/cm	1.545 mg/L	0.520 NTU	178.8 mV	28.35 ft	300.0 ml/min
2/10/2026 10:18 AM	15:00	5.200 pH	17.57 °C	36.68 µS/cm	1.525 mg/L	0.410 NTU	185.8 mV	28.35 ft	300.0 ml/min
2/10/2026 10:23 AM	20:00	5.155 pH	17.53 °C	36.99 µS/cm	1.583 mg/L	0.510 NTU	192.5 mV	28.35 ft	300.0 ml/min
2/10/2026 10:28 AM	25:00	5.077 pH	17.59 °C	36.87 µS/cm	1.587 mg/L	0.390 NTU	200.6 mV	28.35 ft	300.0 ml/min
2/10/2026 10:33 AM	30:00	5.017 pH	17.60 °C	36.87 µS/cm	1.598 mg/L	0.330 NTU	207.8 mV	28.35 ft	300.0 ml/min
2/10/2026 10:38 AM	35:00	5.074 pH	17.65 °C	36.73 µS/cm	1.684 mg/L	0.320 NTU	207.0 mV	28.35 ft	300.0 ml/min

Samples

Sample ID:	Description:

Low-Flow Test Report:

Test Date / Time: 2/9/2026 3:21:22 PM
Project: Plant Wansley Ash Pond
Operator Name: Hunter Auld

Location Name: WGWA-2 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 92.46 ft** **Total Depth: 102.46 ft** **Initial Depth to Water: 10.34 ft**	**Pump Type: Dedicated Bladder Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 97 ft** **Estimated Total Volume Pumped: 6250 ml** **Flow Cell Volume: 130 ml** **Final Flow Rate: 250 ml/min** **Final Draw Down: 0.71 ft**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1183990**

Test Notes:
Sample time 1546. P cloudy 68.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 3	+/- 5 %	+/- 10 %	+/- 10	+/- 25	+/- 0.3	
2/9/2026 3:21 PM	00:00	6.878 pH	17.39 °C	132.1 µS/cm	5.840 mg/L	2.550 NTU	138.7 mV	10.34 ft	250.0 ml/min
2/9/2026 3:26 PM	05:00	6.028 pH	17.35 °C	137.1 µS/cm	0.434 mg/L	1.420 NTU	137.1 mV	11.00 ft	250.0 ml/min
2/9/2026 3:31 PM	10:00	6.020 pH	17.08 °C	136.9 µS/cm	0.318 mg/L	0.440 NTU	137.7 mV	11.03 ft	250.0 ml/min
2/9/2026 3:36 PM	15:00	6.046 pH	17.06 °C	137.2 µS/cm	0.293 mg/L	0.350 NTU	138.9 mV	11.03 ft	250.0 ml/min
2/9/2026 3:41 PM	20:00	6.087 pH	17.09 °C	138.5 µS/cm	0.308 mg/L	0.240 NTU	138.2 mV	11.05 ft	250.0 ml/min
2/9/2026 3:46 PM	25:00	6.105 pH	16.99 °C	139.1 µS/cm	0.362 mg/L	0.240 NTU	138.7 mV	11.05 ft	250.0 ml/min

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 2/9/2026 2:13:03 PM
Project: Plant Wansley Ash Pond
Operator Name: D. Johnson

Location Name: WGWA-3 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 8.68 ft** **Total Depth: 18.68 ft** **Initial Depth to Water: 4.15 ft**	**Pump Type: Dedicated Bladder Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 13 ft** **Estimated Total Volume Pumped: 12 liter** **Flow Cell Volume: 130 ml** **Final Flow Rate: 300 ml/min** **Final Draw Down: 3.48 in**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1235093**

Test Notes:
Sample time 1453. Sunny, 67 degrees F.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 3	+/- 5 %	+/- 10 %	+/- 10	+/- 25	+/- 0.3	
2/9/2026 2:13 PM	00:00	5.547 pH	17.48 °C	36.98 µS/cm	6.440 mg/L	1.110 NTU	22.4 mV	4.150 ft	300.0 ml/min
2/9/2026 2:18 PM	05:00	4.928 pH	16.63 °C	34.52 µS/cm	4.882 mg/L	0.960 NTU	72.8 mV	4.320 ft	300.0 ml/min
2/9/2026 2:23 PM	10:00	5.238 pH	16.71 °C	34.41 µS/cm	4.799 mg/L	0.750 NTU	71.9 mV	4.380 ft	300.0 ml/min
2/9/2026 2:28 PM	15:00	5.213 pH	16.61 °C	34.35 µS/cm	4.800 mg/L	0.520 NTU	85.3 mV	4.410 ft	300.0 ml/min
2/9/2026 2:33 PM	20:00	5.134 pH	16.70 °C	34.26 µS/cm	4.746 mg/L	0.650 NTU	104.1 mV	4.440 ft	300.0 ml/min
2/9/2026 2:38 PM	25:00	5.269 pH	16.64 °C	34.29 µS/cm	4.788 mg/L	0.490 NTU	111.2 mV	4.440 ft	300.0 ml/min
2/9/2026 2:43 PM	30:00	5.195 pH	16.46 °C	34.26 µS/cm	4.797 mg/L	0.430 NTU	129.9 mV	4.440 ft	300.0 ml/min
2/9/2026 2:48 PM	35:00	5.286 pH	16.56 °C	34.23 µS/cm	4.789 mg/L	0.430 NTU	138.5 mV	4.440 ft	300.0 ml/min
2/9/2026 2:53 PM	40:00	5.238 pH	16.48 °C	34.26 µS/cm	4.802 mg/L	0.410 NTU	153.0 mV	4.440 ft	300.0 ml/min

Samples

Sample ID:	Description:

Low-Flow Test Report:

Test Date / Time: 2/9/2026 12:50:10 PM
Project: Plant Wansley Ash Pond
Operator Name: D. Johnson

Location Name: WGWA-4 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 20 ft** **Top of Screen: 54.31 ft** **Total Depth: 74.31 ft** **Initial Depth to Water: 6.71 ft**	**Pump Type: Dedicated Bladder Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 64 ft** **Estimated Total Volume Pumped: 6.75 liter** **Flow Cell Volume: 130 ml** **Final Flow Rate: 150 ml/min** **Final Draw Down: 13.8 in**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1235093**

Test Notes:
Sample time 1335. Sunny, 65 degrees F.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 3	+/- 5 %	+/- 10 %	+/- 10	+/- 25	+/- 0.3	
2/9/2026 12:50 PM	00:00	6.497 pH	17.50 °C	146.7 µS/cm	1.463 mg/L	2.040 NTU	165.6 mV	6.710 ft	150.0 ml/min
2/9/2026 12:55 PM	05:00	6.762 pH	17.26 °C	147.0 µS/cm	0.103 mg/L	1.370 NTU	124.1 mV	7.720 ft	150.0 ml/min
2/9/2026 1:00 PM	10:00	7.003 pH	17.32 °C	148.1 µS/cm	0.084 mg/L	0.980 NTU	109.6 mV	7.770 ft	150.0 ml/min
2/9/2026 1:05 PM	15:00	7.064 pH	17.21 °C	146.3 µS/cm	0.077 mg/L	0.780 NTU	87.6 mV	7.810 ft	150.0 ml/min
2/9/2026 1:10 PM	20:00	7.118 pH	17.35 °C	145.3 µS/cm	0.076 mg/L	0.720 NTU	67.6 mV	7.830 ft	150.0 ml/min
2/9/2026 1:15 PM	25:00	7.089 pH	17.31 °C	144.9 µS/cm	0.079 mg/L	0.760 NTU	50.8 mV	7.840 ft	150.0 ml/min
2/9/2026 1:20 PM	30:00	7.012 pH	17.42 °C	141.6 µS/cm	0.092 mg/L	0.790 NTU	30.0 mV	7.850 ft	150.0 ml/min
2/9/2026 1:25 PM	35:00	7.091 pH	17.40 °C	141.9 µS/cm	0.113 mg/L	0.730 NTU	9.4 mV	7.860 ft	150.0 ml/min
2/9/2026 1:30 PM	40:00	7.028 pH	17.24 °C	140.5 µS/cm	0.113 mg/L	0.750 NTU	2.6 mV	7.860 ft	150.0 ml/min
2/9/2026 1:35 PM	45:00	7.067 pH	17.44 °C	140.2 µS/cm	0.124 mg/L	0.700 NTU	-10.8 mV	7.860 ft	150.0 ml/min

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 2/9/2026 1:38:40 PM
Project: Plant Wansley Ash Pond
Operator Name: Taylor Goble

Location Name: WGWA-6 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 30 ft** **Top of Screen: 74.91 ft** **Total Depth: 104.91 ft** **Initial Depth to Water: 20.13 ft**	**Pump Type: Dedicated Bladder Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 88 ft** **Estimated Total Volume Pumped: 11 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 150 ml/min** **Final Draw Down: 0.65 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1283493**

Test Notes:
Sampled at 1433. Sunny 67 degrees.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 3	+/- 5 %	+/- 10 %	+/- 10	+/- 25	+/- 0.3	
2/9/2026 1:38 PM	00:00	7.819 pH	17.76 °C	174.6 µS/cm	1.794 mg/L	8.740 NTU	-5.7 mV	20.13 ft	200.0 ml/min
2/9/2026 1:43 PM	05:00	7.960 pH	17.70 °C	177.6 µS/cm	1.515 mg/L	4.350 NTU	-40.2 mV	20.63 ft	200.0 ml/min
2/9/2026 1:48 PM	10:00	7.997 pH	17.61 °C	177.7 µS/cm	1.487 mg/L	3.120 NTU	-29.8 mV	20.71 ft	200.0 ml/min
2/9/2026 1:53 PM	15:00	8.028 pH	17.47 °C	177.6 µS/cm	1.197 mg/L	2.760 NTU	-45.3 mV	20.75 ft	200.0 ml/min
2/9/2026 1:58 PM	20:00	8.052 pH	17.44 °C	177.6 µS/cm	1.708 mg/L	2.360 NTU	-59.9 mV	20.75 ft	200.0 ml/min
2/9/2026 2:03 PM	25:00	8.097 pH	17.35 °C	177.9 µS/cm	1.653 mg/L	1.850 NTU	-67.3 mV	20.78 ft	200.0 ml/min
2/9/2026 2:08 PM	30:00	8.109 pH	17.26 °C	177.7 µS/cm	1.348 mg/L	1.550 NTU	-70.2 mV	20.78 ft	200.0 ml/min
2/9/2026 2:13 PM	35:00	8.125 pH	17.39 °C	177.4 µS/cm	1.596 mg/L	1.210 NTU	-73.9 mV	20.78 ft	200.0 ml/min
2/9/2026 2:18 PM	40:00	8.136 pH	17.40 °C	176.8 µS/cm	1.375 mg/L	1.270 NTU	-80.2 mV	20.78 ft	200.0 ml/min
2/9/2026 2:23 PM	45:00	8.131 pH	17.84 °C	176.6 µS/cm	1.191 mg/L	1.050 NTU	-62.4 mV	20.78 ft	200.0 ml/min
2/9/2026 2:28 PM	50:00	8.130 pH	18.45 °C	176.8 µS/cm	1.155 mg/L	0.910 NTU	-56.9 mV	20.78 ft	200.0 ml/min
2/9/2026 2:33 PM	55:00	8.126 pH	18.98 °C	177.2 µS/cm	1.112 mg/L	1.030 NTU	-49.9 mV	20.78 ft	200.0 ml/min

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 2/9/2026 1:13:27 PM
Project: Plant Wansley Ash Pond
Operator Name: Hunter Auld

Location Name: WGWA-7 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 39.04 ft** **Total Depth: 40.04 ft** **Initial Depth to Water: 29.53 ft**	**Pump Type: Peristaltic Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 35 ft** **Estimated Total Volume Pumped: 6750 ml** **Flow Cell Volume: 130 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 0.15 ft**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1183990**

Test Notes:
Sample time at 1353. Sunny 65.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 3	+/- 5 %	+/- 10 %	+/- 10	+/- 25	+/- 0.3	
2/9/2026 1:13 PM	00:00	7.083 pH	20.12 °C	266.8 µS/cm	5.617 mg/L	1.110 NTU	196.2 mV	29.53 ft	150.0 ml/min
2/9/2026 1:18 PM	05:00	7.352 pH	18.07 °C	287.6 µS/cm	0.387 mg/L	1.340 NTU	143.7 mV	29.66 ft	150.0 ml/min
2/9/2026 1:23 PM	10:00	7.345 pH	17.91 °C	278.8 µS/cm	0.434 mg/L	0.560 NTU	134.8 mV	29.66 ft	150.0 ml/min
2/9/2026 1:28 PM	15:00	6.159 pH	17.97 °C	53.31 µS/cm	5.352 mg/L	0.510 NTU	114.6 mV	29.66 ft	150.0 ml/min
2/9/2026 1:33 PM	20:00	5.531 pH	18.19 °C	36.00 µS/cm	6.604 mg/L	0.400 NTU	124.9 mV	29.66 ft	150.0 ml/min
2/9/2026 1:38 PM	25:00	5.427 pH	18.03 °C	32.63 µS/cm	6.598 mg/L	0.520 NTU	136.5 mV	29.68 ft	200.0 ml/min
2/9/2026 1:43 PM	30:00	5.351 pH	18.04 °C	30.42 µS/cm	6.713 mg/L	0.450 NTU	147.1 mV	29.68 ft	200.0 ml/min
2/9/2026 1:48 PM	35:00	5.320 pH	18.13 °C	29.73 µS/cm	6.725 mg/L	0.420 NTU	154.5 mV	29.68 ft	200.0 ml/min
2/9/2026 1:53 PM	40:00	5.295 pH	18.01 °C	29.12 µS/cm	6.753 mg/L	0.350 NTU	159.3 mV	29.68 ft	200.0 ml/min

Samples

Sample ID:	Description:

Low-Flow Test Report:

Test Date / Time: 2/10/2026 9:39:07 AM
Project: Plant Wansley Ash Pond
Operator Name: Taylor Goble

Location Name: WGWA-18 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 29.95 ft** **Total Depth: 39.95 ft** **Initial Depth to Water: 21.09 ft**	**Pump Type: Dedicated Bladder Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 34 ft** **Estimated Total Volume Pumped: 11.25 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 150 ml/min** **Final Draw Down: 2.38 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1283493**

Test Notes:
Sampled at 1054. Cloudy 59 degrees

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 3	+/- 5 %	+/- 10 %	+/- 10	+/- 25	+/- 0.3	
2/10/2026 9:39 AM	00:00	7.493 pH	13.64 °C	87.43 µS/cm	8.837 mg/L	2.360 NTU	117.5 mV	21.09 ft	150.0 ml/min
2/10/2026 9:44 AM	05:00	7.049 pH	16.46 °C	128.2 µS/cm	1.922 mg/L	2.230 NTU	-37.6 mV	23.11 ft	150.0 ml/min
2/10/2026 9:49 AM	10:00	6.914 pH	16.54 °C	127.6 µS/cm	1.114 mg/L	2.120 NTU	-14.2 mV	23.42 ft	150.0 ml/min
2/10/2026 9:54 AM	15:00	6.757 pH	16.71 °C	114.6 µS/cm	1.938 mg/L	1.670 NTU	14.8 mV	23.47 ft	150.0 ml/min
2/10/2026 9:59 AM	20:00	6.646 pH	16.77 °C	111.2 µS/cm	2.075 mg/L	1.450 NTU	28.8 mV	23.47 ft	150.0 ml/min
2/10/2026 10:04 AM	25:00	6.620 pH	16.80 °C	111.6 µS/cm	1.863 mg/L	1.310 NTU	32.7 mV	23.47 ft	150.0 ml/min
2/10/2026 10:09 AM	30:00	6.600 pH	16.86 °C	112.2 µS/cm	1.577 mg/L	1.250 NTU	35.1 mV	23.47 ft	150.0 ml/min
2/10/2026 10:14 AM	35:00	6.548 pH	16.83 °C	107.7 µS/cm	1.516 mg/L	1.030 NTU	37.1 mV	23.47 ft	150.0 ml/min
2/10/2026 10:19 AM	40:00	6.455 pH	16.86 °C	95.50 µS/cm	2.099 mg/L	1.080 NTU	56.2 mV	23.47 ft	150.0 ml/min
2/10/2026 10:24 AM	45:00	6.355 pH	16.90 °C	84.97 µS/cm	2.668 mg/L	1.170 NTU	65.3 mV	23.47 ft	150.0 ml/min
2/10/2026 10:29 AM	50:00	6.272 pH	16.90 °C	76.97 µS/cm	3.055 mg/L	1.120 NTU	73.1 mV	23.47 ft	150.0 ml/min
2/10/2026 10:34 AM	55:00	6.206 pH	16.94 °C	72.36 µS/cm	3.141 mg/L	1.090 NTU	55.2 mV	23.47 ft	150.0 ml/min
2/10/2026 10:39 AM	01:00:00	6.165 pH	17.01 °C	70.31 µS/cm	2.993 mg/L	1.090 NTU	57.2 mV	23.47 ft	150.0 ml/min
2/10/2026 10:44 AM	01:05:00	6.142 pH	17.08 °C	69.59 µS/cm	2.818 mg/L	1.150 NTU	58.7 mV	23.47 ft	150.0 ml/min

2/10/2026 10:49 AM	01:10:00	6.126 pH	17.17 °C	69.58 µS/cm	2.677 mg/L	1.080 NTU	59.8 mV	23.47 ft	150.0 ml/min
2/10/2026 10:54 AM	01:15:00	6.109 pH	17.23 °C	68.89 µS/cm	2.617 mg/L	1.050 NTU	61.0 mV	23.47 ft	150.0 ml/min

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 2/12/2026 1:11:25 PM
Project: Plant Wansley Ash Pond
Operator Name: J. May

Location Name: WGWC-8A **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 68.33 ft** **Total Depth: 78.33 ft** **Initial Depth to Water: 30.56 ft**	**Pump Type: Portable Bladder Pump** **Tubing Type: Poly** **Pump Intake From TOC: 75.33 ft** **Estimated Total Volume Pumped: 39.5 liter** **Flow Cell Volume: 130 ml** **Final Flow Rate: 300 ml/min** **Final Draw Down: 512.88 in**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1183974**

Test Notes:
Well purged dry at 1636; allow for overnight recharge

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 3	+/- 5 %	+/- 10 %	+/- 10	+/- 25	+/- 0.3	
2/12/2026 1:11 PM	00:00	6.395 pH	17.62 °C	393.4 µS/cm	2.943 mg/L	34.10 NTU	74.0 mV	30.56 ft	100.0 ml/min
2/12/2026 1:16 PM	05:00	6.562 pH	17.93 °C	362.7 µS/cm	0.912 mg/L	69.00 NTU	43.4 mV	30.60 ft	100.0 ml/min
2/12/2026 1:21 PM	10:00	6.572 pH	18.03 °C	354.5 µS/cm	0.696 mg/L	69.90 NTU	27.8 mV	31.10 ft	100.0 ml/min
2/12/2026 1:26 PM	15:00	6.574 pH	18.10 °C	355.9 µS/cm	0.590 mg/L	55.50 NTU	17.6 mV	31.80 ft	100.0 ml/min
2/12/2026 1:31 PM	20:00	6.574 pH	18.19 °C	351.5 µS/cm	0.514 mg/L	60.30 NTU	9.5 mV	32.50 ft	100.0 ml/min
2/12/2026 1:36 PM	25:00	6.583 pH	18.35 °C	351.0 µS/cm	0.464 mg/L	41.70 NTU	3.2 mV	33.20 ft	100.0 ml/min
2/12/2026 1:41 PM	30:00	6.578 pH	18.41 °C	348.5 µS/cm	0.419 mg/L	35.30 NTU	-1.3 mV	33.70 ft	100.0 ml/min
2/12/2026 1:46 PM	35:00	6.568 pH	18.39 °C	350.1 µS/cm	0.375 mg/L	28.10 NTU	-4.7 mV	34.20 ft	100.0 ml/min
2/12/2026 1:51 PM	40:00	6.546 pH	18.52 °C	352.0 µS/cm	0.342 mg/L	18.50 NTU	-6.1 mV	34.80 ft	100.0 ml/min
2/12/2026 1:56 PM	45:00	6.540 pH	18.79 °C	349.2 µS/cm	0.319 mg/L	12.60 NTU	-8.9 mV	35.40 ft	100.0 ml/min
2/12/2026 2:01 PM	50:00	6.590 pH	18.71 °C	354.1 µS/cm	0.311 mg/L	6.880 NTU	-13.2 mV	36.00 ft	100.0 ml/min
2/12/2026 2:06 PM	55:00	6.600 pH	18.59 °C	354.2 µS/cm	0.294 mg/L	4.960 NTU	-14.9 mV	36.50 ft	100.0 ml/min
2/12/2026 2:11 PM	01:00:00	6.604 pH	18.59 °C	346.2 µS/cm	0.286 mg/L	4.370 NTU	-16.6 mV	37.00 ft	100.0 ml/min
2/12/2026 2:16 PM	01:05:00	6.601 pH	18.76 °C	348.2 µS/cm	0.280 mg/L	4.350 NTU	-18.7 mV	37.50 ft	100.0 ml/min
2/12/2026 2:21 PM	01:10:00	6.601 pH	18.89 °C	354.4 µS/cm	0.283 mg/L	4.410 NTU	-20.3 mV	37.90 ft	100.0 ml/min

2/12/2026 2:26 PM	01:15:00	6.600 pH	19.10 °C	353.3 µS/cm	0.281 mg/L	4.780 NTU	-21.8 mV	38.40 ft	100.0 ml/min
2/12/2026 2:31 PM	01:20:00	6.591 pH	19.09 °C	359.2 µS/cm	0.277 mg/L	4.560 NTU	-22.8 mV	38.80 ft	100.0 ml/min
2/12/2026 2:36 PM	01:25:00	6.571 pH	19.12 °C	355.5 µS/cm	0.271 mg/L	4.150 NTU	-23.1 mV	39.20 ft	100.0 ml/min
2/12/2026 2:41 PM	01:30:00	6.547 pH	19.42 °C	347.9 µS/cm	0.264 mg/L	3.500 NTU	-23.1 mV	39.60 ft	100.0 ml/min
2/12/2026 2:46 PM	01:35:00	6.590 pH	19.63 °C	353.8 µS/cm	0.257 mg/L	2.730 NTU	-27.8 mV	40.10 ft	100.0 ml/min
2/12/2026 2:51 PM	01:40:00	6.592 pH	19.75 °C	350.7 µS/cm	0.247 mg/L	2.430 NTU	-29.0 mV	40.40 ft	100.0 ml/min
2/12/2026 2:56 PM	01:45:00	6.603 pH	19.63 °C	356.4 µS/cm	0.244 mg/L	3.550 NTU	-30.0 mV	40.90 ft	100.0 ml/min
2/12/2026 3:01 PM	01:50:00	6.536 pH	18.77 °C	353.5 µS/cm	0.317 mg/L	6.560 NTU	-25.4 mV	42.40 ft	300.0 ml/min
2/12/2026 3:06 PM	01:55:00	6.572 pH	18.79 °C	348.4 µS/cm	0.196 mg/L	4.380 NTU	-28.6 mV	43.70 ft	300.0 ml/min
2/12/2026 3:11 PM	02:00:00	6.545 pH	18.78 °C	343.6 µS/cm	0.174 mg/L	5.530 NTU	-26.8 mV	45.50 ft	300.0 ml/min
2/12/2026 3:16 PM	02:05:00	6.491 pH	18.75 °C	338.1 µS/cm	0.160 mg/L	5.180 NTU	-22.2 mV	47.70 ft	300.0 ml/min
2/12/2026 3:21 PM	02:10:00	6.425 pH	18.80 °C	337.1 µS/cm	0.150 mg/L	3.950 NTU	-17.6 mV	49.70 ft	300.0 ml/min
2/12/2026 3:26 PM	02:15:00	6.400 pH	18.83 °C	337.4 µS/cm	0.154 mg/L	4.120 NTU	-16.0 mV	50.90 ft	300.0 ml/min
2/12/2026 3:31 PM	02:20:00	6.520 pH	18.83 °C	338.6 µS/cm	0.183 mg/L	4.440 NTU	-22.2 mV	52.60 ft	300.0 ml/min
2/12/2026 3:36 PM	02:25:00	6.514 pH	18.80 °C	336.7 µS/cm	0.219 mg/L	4.600 NTU	-21.5 mV	54.40 ft	300.0 ml/min
2/12/2026 3:41 PM	02:30:00	6.499 pH	18.72 °C	337.1 µS/cm	0.237 mg/L	4.060 NTU	-19.9 mV	56.10 ft	300.0 ml/min
2/12/2026 3:46 PM	02:35:00	6.490 pH	18.71 °C	336.7 µS/cm	0.248 mg/L	3.570 NTU	-19.0 mV	58.00 ft	300.0 ml/min
2/12/2026 3:51 PM	02:40:00	6.470 pH	18.66 °C	337.4 µS/cm	0.272 mg/L	4.030 NTU	-17.4 mV	59.10 ft	300.0 ml/min
2/12/2026 3:56 PM	02:45:00	6.427 pH	18.71 °C	336.8 µS/cm	0.285 mg/L	3.980 NTU	-14.5 mV	60.90 ft	300.0 ml/min
2/12/2026 4:01 PM	02:50:00	6.429 pH	18.71 °C	335.4 µS/cm	0.310 mg/L	5.730 NTU	-14.8 mV	62.40 ft	300.0 ml/min
2/12/2026 4:06 PM	02:55:00	6.518 pH	18.62 °C	335.9 µS/cm	0.369 mg/L	4.020 NTU	-19.3 mV	64.00 ft	300.0 ml/min
2/12/2026 4:11 PM	03:00:00	6.516 pH	18.58 °C	337.1 µS/cm	0.438 mg/L	4.410 NTU	-19.0 mV	65.60 ft	300.0 ml/min
2/12/2026 4:16 PM	03:05:00	6.504 pH	18.46 °C	337.5 µS/cm	0.510 mg/L	5.860 NTU	-17.8 mV	67.20 ft	300.0 ml/min
2/12/2026 4:21 PM	03:10:00	6.502 pH	18.26 °C	337.8 µS/cm	0.591 mg/L	5.190 NTU	-17.3 mV	68.80 ft	300.0 ml/min
2/12/2026 4:26 PM	03:15:00	6.502 pH	18.16 °C	338.8 µS/cm	0.640 mg/L	7.890 NTU	-17.5 mV	70.30 ft	300.0 ml/min
2/12/2026 4:31 PM	03:20:00	6.495 pH	18.12 °C	339.9 µS/cm	0.652 mg/L	10.70 NTU	-17.1 mV	71.80 ft	300.0 ml/min
2/12/2026 4:36 PM	03:25:00	6.517 pH	18.07 °C	340.0 µS/cm	0.704 mg/L	7.180 NTU	-18.7 mV	73.30 ft	300.0 ml/min

Samples

Sample ID:	Description:

Low-Flow Test Report:

Test Date / Time: 2/13/2026 9:10:09 AM
Project: Plant Wansley Ash Pond
Operator Name: J. May

Location Name: WGWC-8A **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 68.33 ft** **Total Depth: 78.33 ft** **Initial Depth to Water: 49.81 ft**	**Pump Type: Portable Bladder Pump** **Tubing Type: Poly** **Pump Intake From TOC: 75.33 ft** **Estimated Total Volume Pumped: 2 liter** **Flow Cell Volume: 130 ml** **Final Flow Rate: 100 ml/min** **Final Draw Down: 33.48 in**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1183974**

Test Notes:
Sample Time: 0930
Sunny, 50s
Well purged dry on 2/12/26

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 3	+/- 5 %	+/- 10 %	+/- 10	+/- 25	+/- 0.3	
2/13/2026 9:10 AM	00:00	6.300 pH	11.77 °C	360.8 µS/cm	8.449 mg/L	12.40 NTU	153.3 mV	49.81 ft	100.0 ml/min
2/13/2026 9:15 AM	05:00	6.562 pH	15.48 °C	346.4 µS/cm	2.176 mg/L	6.800 NTU	91.5 mV	50.70 ft	100.0 ml/min
2/13/2026 9:20 AM	10:00	6.551 pH	16.38 °C	345.7 µS/cm	0.968 mg/L	5.840 NTU	69.0 mV	51.30 ft	100.0 ml/min
2/13/2026 9:25 AM	15:00	6.544 pH	16.60 °C	342.5 µS/cm	0.728 mg/L	4.970 NTU	53.2 mV	52.00 ft	100.0 ml/min
2/13/2026 9:30 AM	20:00	6.518 pH	16.48 °C	342.9 µS/cm	0.640 mg/L	4.580 NTU	40.9 mV	52.60 ft	100.0 ml/min

Samples

Sample ID:	Description:

Low-Flow Test Report:

Test Date / Time: 2/13/2026 9:20:29 AM
Project: Plant Wansley Ash Pond
Operator Name: D. Johnson

Location Name: WGWC-9 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 51.5 ft** **Total Depth: 61.5 ft** **Initial Depth to Water: 21.56 ft**	**Pump Type: Peristaltic Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 56 ft** **Estimated Total Volume Pumped: 4.37 liter** **Flow Cell Volume: 130 ml** **Final Flow Rate: 125 ml/min** **Final Draw Down: 18.36 in**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1235093**

Test Notes:
Sample time 0955 Sunny, 48 degrees F.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 3	+/- 5 %	+/- 10 %	+/- 10	+/- 25	+/- 0.3	
2/13/2026 9:20 AM	00:00	6.306 pH	13.40 °C	242.2 µS/cm	4.604 mg/L	3.330 NTU	207.9 mV	21.56 ft	125.0 ml/min
2/13/2026 9:25 AM	05:00	5.719 pH	14.75 °C	247.4 µS/cm	2.299 mg/L	3.010 NTU	192.7 mV	22.17 ft	125.0 ml/min
2/13/2026 9:30 AM	10:00	5.751 pH	15.09 °C	248.2 µS/cm	2.070 mg/L	2.690 NTU	184.4 mV	22.81 ft	125.0 ml/min
2/13/2026 9:35 AM	15:00	5.745 pH	15.20 °C	244.7 µS/cm	1.830 mg/L	3.570 NTU	179.5 mV	22.88 ft	125.0 ml/min
2/13/2026 9:40 AM	20:00	5.728 pH	15.60 °C	243.1 µS/cm	1.701 mg/L	2.830 NTU	177.4 mV	22.92 ft	125.0 ml/min
2/13/2026 9:45 AM	25:00	5.741 pH	15.85 °C	240.0 µS/cm	1.597 mg/L	2.770 NTU	174.9 mV	22.98 ft	125.0 ml/min
2/13/2026 9:50 AM	30:00	5.731 pH	16.05 °C	234.3 µS/cm	1.514 mg/L	2.690 NTU	173.7 mV	23.05 ft	125.0 ml/min
2/13/2026 9:55 AM	35:00	5.711 pH	16.30 °C	234.8 µS/cm	1.464 mg/L	2.590 NTU	172.3 mV	23.09 ft	125.0 ml/min

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 2/10/2026 11:51:32 AM
Project: Plant Wansley Ash Pond
Operator Name: Hunter Auld

Location Name: WGWC-10 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 138.77 ft** **Total Depth: 148.77 ft** **Initial Depth to Water: 19.46 ft**	**Pump Type: Dedicated Bladder Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 143 ft** **Estimated Total Volume Pumped: 4500 ml** **Flow Cell Volume: 130 ml** **Final Flow Rate: 100 ml/min** **Final Draw Down: 3.59 ft**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1183990**

Test Notes:
Sample time 1221. P cloudy 64.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 3	+/- 5 %	+/- 10 %	+/- 10	+/- 25	+/- 0.3	
2/10/2026 11:51 AM	00:00	6.596 pH	15.18 °C	66.95 µS/cm	9.332 mg/L	0.580 NTU	158.5 mV	19.46 ft	160.0 ml/min
2/10/2026 11:56 AM	05:00	6.262 pH	17.30 °C	67.64 µS/cm	3.910 mg/L	0.470 NTU	144.7 mV	20.85 ft	160.0 ml/min
2/10/2026 12:01 PM	10:00	6.352 pH	17.48 °C	68.53 µS/cm	5.872 mg/L	0.860 NTU	144.3 mV	21.68 ft	160.0 ml/min
2/10/2026 12:06 PM	15:00	6.363 pH	17.53 °C	68.77 µS/cm	6.110 mg/L	0.910 NTU	144.7 mV	22.30 ft	160.0 ml/min
2/10/2026 12:11 PM	20:00	6.357 pH	17.61 °C	68.67 µS/cm	6.141 mg/L	0.750 NTU	145.8 mV	22.94 ft	160.0 ml/min
2/10/2026 12:16 PM	25:00	6.357 pH	17.77 °C	68.76 µS/cm	6.166 mg/L	0.820 NTU	146.8 mV	23.00 ft	100.0 ml/min
2/10/2026 12:21 PM	30:00	6.348 pH	17.83 °C	68.62 µS/cm	6.121 mg/L	1.200 NTU	148.0 mV	23.05 ft	100.0 ml/min

Samples

Sample ID:	Description:

Low-Flow Test Report:

Test Date / Time: 2/10/2026 3:33:12 PM
Project: Plant Wansley Ash Pond
Operator Name: Taylor Goble

Location Name: WGWC-11 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 41.22 ft** **Total Depth: 51.22 ft** **Initial Depth to Water: 28.53 ft**	**Pump Type: Dedicated Bladder Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 46 ft** **Estimated Total Volume Pumped: 6 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 1.65 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1283493**

Test Notes:
Sampled at 1603. Sunny 68 degrees.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 3	+/- 5 %	+/- 10 %	+/- 10	+/- 25	+/- 0.3	
2/10/2026 3:33 PM	00:00	6.522 pH	18.07 °C	39.97 µS/cm	7.675 mg/L	1.310 NTU	84.7 mV	28.53 ft	200.0 ml/min
2/10/2026 3:38 PM	05:00	5.616 pH	17.97 °C	42.93 µS/cm	2.998 mg/L	1.170 NTU	192.1 mV	29.84 ft	200.0 ml/min
2/10/2026 3:43 PM	10:00	5.590 pH	18.03 °C	42.38 µS/cm	2.596 mg/L	1.010 NTU	208.3 mV	30.13 ft	200.0 ml/min
2/10/2026 3:48 PM	15:00	5.576 pH	18.04 °C	35.85 µS/cm	2.384 mg/L	1.650 NTU	135.7 mV	30.18 ft	200.0 ml/min
2/10/2026 3:53 PM	20:00	5.578 pH	18.74 °C	43.03 µS/cm	2.314 mg/L	1.200 NTU	215.2 mV	30.18 ft	200.0 ml/min
2/10/2026 3:58 PM	25:00	5.596 pH	18.87 °C	43.30 µS/cm	2.392 mg/L	0.870 NTU	136.4 mV	30.18 ft	200.0 ml/min
2/10/2026 4:03 PM	30:00	5.605 pH	19.11 °C	43.61 µS/cm	2.469 mg/L	0.790 NTU	132.4 mV	30.18 ft	200.0 ml/min

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 2/11/2026 9:30:25 AM
Project: Plant Wansley Ash Pond
Operator Name: Taylor Goble

Location Name: WGWC-12 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 66.47 ft** **Total Depth: 76.47 ft** **Initial Depth to Water: 28 ft**	**Pump Type: Dedicated Bladder Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 71 ft** **Estimated Total Volume Pumped: 31.6 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 275 ml/min** **Final Draw Down: 0.36 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1283493**

Test Notes:
Sampled at 1125. Cloudy 65 degrees.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 3	+/- 5 %	+/- 10 %	+/- 10	+/- 25	+/- 0.3	
2/11/2026 9:30 AM	00:00	7.615 pH	16.00 °C	131.6 µS/cm	8.495 mg/L	2.850 NTU	134.6 mV	28.00 ft	275.0 ml/min
2/11/2026 9:35 AM	05:00	6.763 pH	17.10 °C	123.4 µS/cm	1.499 mg/L	1,000 NTU	30.4 mV	28.22 ft	275.0 ml/min
2/11/2026 9:40 AM	10:00	6.683 pH	17.17 °C	119.6 µS/cm	0.836 mg/L	1,000 NTU	21.7 mV	28.29 ft	275.0 ml/min
2/11/2026 9:45 AM	15:00	6.695 pH	17.23 °C	119.2 µS/cm	0.345 mg/L	530.0 NTU	17.2 mV	28.33 ft	275.0 ml/min
2/11/2026 9:50 AM	20:00	6.732 pH	17.35 °C	120.8 µS/cm	0.206 mg/L	160.0 NTU	10.6 mV	28.36 ft	275.0 ml/min
2/11/2026 9:55 AM	25:00	6.777 pH	17.37 °C	123.9 µS/cm	0.173 mg/L	77.70 NTU	6.1 mV	28.36 ft	275.0 ml/min
2/11/2026 10:00 AM	30:00	6.815 pH	17.37 °C	125.7 µS/cm	0.182 mg/L	25.30 NTU	-7.4 mV	28.36 ft	275.0 ml/min
2/11/2026 10:05 AM	35:00	6.842 pH	17.43 °C	127.0 µS/cm	0.208 mg/L	20.60 NTU	1.7 mV	28.36 ft	275.0 ml/min
2/11/2026 10:10 AM	40:00	6.856 pH	17.45 °C	127.9 µS/cm	0.218 mg/L	17.20 NTU	-11.6 mV	28.36 ft	275.0 ml/min
2/11/2026 10:15 AM	45:00	6.879 pH	17.44 °C	128.7 µS/cm	0.192 mg/L	14.70 NTU	-0.2 mV	28.36 ft	275.0 ml/min
2/11/2026 10:20 AM	50:00	6.892 pH	17.42 °C	129.1 µS/cm	0.200 mg/L	12.40 NTU	-0.6 mV	28.36 ft	275.0 ml/min
2/11/2026 10:25 AM	55:00	6.901 pH	17.37 °C	129.3 µS/cm	0.196 mg/L	10.90 NTU	-0.8 mV	28.36 ft	275.0 ml/min
2/11/2026 10:30 AM	01:00:00	6.908 pH	17.36 °C	129.5 µS/cm	0.198 mg/L	9.550 NTU	-1.0 mV	28.36 ft	275.0 ml/min
2/11/2026 10:35 AM	01:05:00	6.910 pH	17.44 °C	129.4 µS/cm	0.198 mg/L	8.430 NTU	-1.0 mV	28.36 ft	275.0 ml/min

2/11/2026 10:40 AM	01:10:00	6.918 pH	17.46 °C	129.1 µS/cm	0.198 mg/L	7.840 NTU	-1.2 mV	28.36 ft	275.0 ml/min
2/11/2026 10:45 AM	01:15:00	6.920 pH	17.51 °C	128.8 µS/cm	0.205 mg/L	7.170 NTU	-15.2 mV	28.36 ft	275.0 ml/min
2/11/2026 10:50 AM	01:20:00	6.924 pH	17.50 °C	128.7 µS/cm	0.204 mg/L	6.740 NTU	-1.2 mV	28.36 ft	275.0 ml/min
2/11/2026 10:55 AM	01:25:00	6.926 pH	17.48 °C	128.4 µS/cm	0.223 mg/L	6.400 NTU	-1.1 mV	28.36 ft	275.0 ml/min
2/11/2026 11:00 AM	01:30:00	6.926 pH	17.52 °C	128.0 µS/cm	0.218 mg/L	5.780 NTU	-0.9 mV	28.36 ft	275.0 ml/min
2/11/2026 11:05 AM	01:35:00	6.928 pH	17.56 °C	127.7 µS/cm	0.228 mg/L	5.220 NTU	-0.8 mV	28.36 ft	275.0 ml/min
2/11/2026 11:10 AM	01:40:00	6.930 pH	17.52 °C	127.4 µS/cm	0.252 mg/L	5.840 NTU	-0.5 mV	28.36 ft	275.0 ml/min
2/11/2026 11:15 AM	01:45:00	6.928 pH	17.53 °C	126.9 µS/cm	0.249 mg/L	5.120 NTU	-13.9 mV	28.36 ft	275.0 ml/min
2/11/2026 11:20 AM	01:50:00	6.930 pH	17.52 °C	126.9 µS/cm	0.252 mg/L	4.910 NTU	-0.2 mV	28.36 ft	275.0 ml/min
2/11/2026 11:25 AM	01:55:00	6.920 pH	17.49 °C	126.7 µS/cm	0.293 mg/L	4.770 NTU	-13.1 mV	28.36 ft	275.0 ml/min

Samples

Sample ID:	Description:

Low-Flow Test Report:

Test Date / Time: 2/10/2026 1:35:09 PM
Project: Plant Wansley Ash Pond
Operator Name: D. Johnson

Location Name: WGWC-13 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 20 ft** **Top of Screen: 75.46 ft** **Total Depth: 95.46 ft** **Initial Depth to Water: 23.42 ft**	**Pump Type: Dedicated Bladder Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 85 ft** **Estimated Total Volume Pumped: 3.12 liter** **Flow Cell Volume: 130 ml** **Final Flow Rate: 125 ml/min** **Final Draw Down: 2.08 ft**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1235093**

Test Notes:
Sample time 1400. Sunny, 68 degrees F.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 3	+/- 5 %	+/- 10 %	+/- 10	+/- 25	+/- 0.3	
2/10/2026 1:35 PM	00:00	6.143 pH	19.47 °C	61.17 µS/cm	3.444 mg/L	2.770 NTU	158.7 mV	23.42 ft	125.0 ml/min
2/10/2026 1:40 PM	05:00	6.053 pH	18.68 °C	69.88 µS/cm	2.871 mg/L	1.410 NTU	165.3 mV	24.62 ft	125.0 ml/min
2/10/2026 1:45 PM	10:00	6.183 pH	18.70 °C	71.53 µS/cm	2.887 mg/L	1.390 NTU	158.2 mV	25.02 ft	125.0 ml/min
2/10/2026 1:50 PM	15:00	6.219 pH	18.77 °C	72.15 µS/cm	2.878 mg/L	1.340 NTU	156.2 mV	25.41 ft	125.0 ml/min
2/10/2026 1:55 PM	20:00	6.249 pH	18.72 °C	72.94 µS/cm	2.844 mg/L	1.280 NTU	154.9 mV	25.48 ft	125.0 ml/min
2/10/2026 2:00 PM	25:00	6.255 pH	18.56 °C	73.22 µS/cm	2.822 mg/L	1.220 NTU	154.9 mV	25.50 ft	125.0 ml/min

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 2/10/2026 12:01:58 PM
Project: Plant Wansley Ash Pond
Operator Name: D. Johnson

Location Name: WGWC-14A **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 32.74 ft** **Total Depth: 42.74 ft** **Initial Depth to Water: 24.02 ft**	**Pump Type: Peristaltic Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 37 ft** **Estimated Total Volume Pumped: 3.12 liter** **Flow Cell Volume: 130 ml** **Final Flow Rate: 125 ml/min** **Final Draw Down: 8.88 in**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1235093**

Test Notes:
Sample time 1227. Sunny, 65 degrees F.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 3	+/- 5 %	+/- 10 %	+/- 10	+/- 25	+/- 0.3	
2/10/2026 12:01 PM	00:00	5.448 pH	19.83 °C	44.16 µS/cm	3.641 mg/L	5.020 NTU	159.3 mV	24.02 ft	125.0 ml/min
2/10/2026 12:06 PM	05:00	5.278 pH	19.74 °C	35.42 µS/cm	2.438 mg/L	3.440 NTU	142.2 mV	24.61 ft	125.0 ml/min
2/10/2026 12:11 PM	10:00	5.248 pH	19.63 °C	34.12 µS/cm	2.363 mg/L	2.580 NTU	151.8 mV	24.69 ft	125.0 ml/min
2/10/2026 12:16 PM	15:00	5.284 pH	19.56 °C	33.24 µS/cm	2.236 mg/L	2.090 NTU	156.4 mV	24.73 ft	125.0 ml/min
2/10/2026 12:21 PM	20:00	5.323 pH	19.71 °C	33.37 µS/cm	2.117 mg/L	1.430 NTU	162.0 mV	24.75 ft	125.0 ml/min
2/10/2026 12:26 PM	25:00	5.343 pH	19.86 °C	33.68 µS/cm	2.036 mg/L	1.220 NTU	167.4 mV	24.76 ft	125.0 ml/min

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 2/10/2026 12:15:09 PM
Project: Plant Wansley Ash Pond
Operator Name: Taylor Goble

Location Name: WGWC-15 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 46.16 ft** **Total Depth: 56.16 ft** **Initial Depth to Water: 20.62 ft**	**Pump Type: Dedicated Bladder Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 51 ft** **Estimated Total Volume Pumped: 4 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 100 ml/min** **Final Draw Down: 5.25 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1283493**

Test Notes:
Sampled at 1255. Cloudy 64 degrees.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 3	+/- 5 %	+/- 10 %	+/- 10	+/- 25	+/- 0.3	
2/10/2026 12:15 PM	00:00	7.885 pH	15.92 °C	228.8 µS/cm	5.042 mg/L	9.000 NTU	31.3 mV	22.26 ft	100.0 ml/min
2/10/2026 12:20 PM	05:00	7.954 pH	16.58 °C	239.5 µS/cm	1.893 mg/L	7.050 NTU	-13.0 mV	23.09 ft	100.0 ml/min
2/10/2026 12:25 PM	10:00	7.974 pH	16.72 °C	225.7 µS/cm	3.712 mg/L	6.630 NTU	10.8 mV	23.70 ft	100.0 ml/min
2/10/2026 12:30 PM	15:00	7.991 pH	16.82 °C	222.1 µS/cm	4.419 mg/L	6.440 NTU	14.4 mV	24.68 ft	100.0 ml/min
2/10/2026 12:35 PM	20:00	8.000 pH	16.84 °C	221.0 µS/cm	4.547 mg/L	5.340 NTU	16.0 mV	25.19 ft	100.0 ml/min
2/10/2026 12:40 PM	25:00	8.002 pH	16.84 °C	220.1 µS/cm	4.613 mg/L	4.670 NTU	17.8 mV	25.52 ft	100.0 ml/min
2/10/2026 12:45 PM	30:00	8.007 pH	16.72 °C	218.8 µS/cm	4.743 mg/L	4.090 NTU	19.6 mV	25.67 ft	100.0 ml/min
2/10/2026 12:50 PM	35:00	8.011 pH	16.76 °C	218.5 µS/cm	4.758 mg/L	2.950 NTU	20.5 mV	25.75 ft	100.0 ml/min
2/10/2026 12:55 PM	40:00	8.014 pH	16.83 °C	218.6 µS/cm	4.669 mg/L	2.670 NTU	20.6 mV	25.87 ft	100.0 ml/min

Samples

Sample ID:	Description:

Low-Flow Test Report:

Test Date / Time: 2/10/2026 2:07:04 PM
Project: Plant Wansley Ash Pond
Operator Name: Taylor Goble

Location Name: WGWC-16 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 24.5 ft** **Total Depth: 34.5 ft** **Initial Depth to Water: 19.91 ft**	**Pump Type: Dedicated Bladder Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 29 ft** **Estimated Total Volume Pumped: 7500 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 300 ml/min** **Final Draw Down: 0.32 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1283493**

Test Notes:
Sampled at 1432. AP1-FD-01 taken here. Cloudy 68 degrees.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 3	+/- 5 %	+/- 10 %	+/- 10	+/- 25	+/- 0.3	
2/10/2026 2:07 PM	00:00	5.399 pH	17.64 °C	184.3 µS/cm	5.632 mg/L	1.530 NTU	88.8 mV	19.91 ft	300.0 ml/min
2/10/2026 2:12 PM	05:00	5.348 pH	17.14 °C	182.8 µS/cm	4.970 mg/L	1.270 NTU	106.1 mV	20.23 ft	300.0 ml/min
2/10/2026 2:17 PM	10:00	5.353 pH	17.17 °C	182.2 µS/cm	4.889 mg/L	1.040 NTU	109.7 mV	20.23 ft	300.0 ml/min
2/10/2026 2:22 PM	15:00	5.352 pH	17.10 °C	182.2 µS/cm	4.861 mg/L	0.950 NTU	108.5 mV	20.23 ft	300.0 ml/min
2/10/2026 2:27 PM	20:00	5.351 pH	17.06 °C	182.8 µS/cm	4.774 mg/L	0.870 NTU	167.8 mV	20.23 ft	300.0 ml/min
2/10/2026 2:32 PM	25:00	5.352 pH	17.04 °C	183.9 µS/cm	4.754 mg/L	0.810 NTU	109.4 mV	20.23 ft	300.0 ml/min

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 2/11/2026 1:16:30 PM
Project: Plant Wansley Ash Pond
Operator Name: Hunter Auld

Location Name: WGWC-17 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 85.94 ft** **Total Depth: 95.94 ft** **Initial Depth to Water: 30.68 ft**	**Pump Type: Dedicated Bladder Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 90 ft** **Estimated Total Volume Pumped: 6250 ml** **Flow Cell Volume: 130 ml** **Final Flow Rate: 250 ml/min** **Final Draw Down: 1.94 ft**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1183990**

Test Notes:
Sample time 1341. FD-03 here. Cloudy 64.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 3	+/- 5 %	+/- 10 %	+/- 10	+/- 25	+/- 0.3	
2/11/2026 1:16 PM	00:00	5.908 pH	17.17 °C	94.24 µS/cm	1.008 mg/L	2.550 NTU	97.4 mV	30.68 ft	250.0 ml/min
2/11/2026 1:21 PM	05:00	6.029 pH	16.94 °C	96.67 µS/cm	0.373 mg/L	7.510 NTU	62.9 mV	32.40 ft	250.0 ml/min
2/11/2026 1:26 PM	10:00	6.050 pH	16.94 °C	99.01 µS/cm	0.257 mg/L	4.990 NTU	50.4 mV	32.55 ft	250.0 ml/min
2/11/2026 1:31 PM	15:00	6.044 pH	16.93 °C	101.3 µS/cm	0.264 mg/L	3.830 NTU	44.6 mV	32.65 ft	250.0 ml/min
2/11/2026 1:36 PM	20:00	6.064 pH	16.92 °C	102.2 µS/cm	0.295 mg/L	3.440 NTU	39.8 mV	32.62 ft	250.0 ml/min
2/11/2026 1:41 PM	25:00	6.076 pH	16.90 °C	102.9 µS/cm	0.275 mg/L	2.920 NTU	36.2 mV	32.62 ft	250.0 ml/min

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 2/11/2026 2:25:10 PM
Project: Plant Wansley Ash Pond
Operator Name: D. Johnson

Location Name: WGWC-19 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 84.82 ft** **Total Depth: 94.82 ft** **Initial Depth to Water: 23.56 ft**	**Pump Type: Dedicated Bladder Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 89 ft** **Estimated Total Volume Pumped: 5 liter** **Flow Cell Volume: 130 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 0.15 ft**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1235093**

Test Notes:
Sample time 1450. Rain, 64 degrees F.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 3	+/- 5 %	+/- 10 %	+/- 10	+/- 25	+/- 0.3	
2/11/2026 2:25 PM	00:00	7.052 pH	16.07 °C	173.8 µS/cm	6.750 mg/L	4.210 NTU	102.0 mV	23.56 ft	200.0 ml/min
2/11/2026 2:30 PM	05:00	6.682 pH	16.23 °C	179.0 µS/cm	1.395 mg/L	2.770 NTU	82.0 mV	23.62 ft	200.0 ml/min
2/11/2026 2:35 PM	10:00	6.578 pH	16.28 °C	178.9 µS/cm	0.672 mg/L	1.050 NTU	72.8 mV	23.67 ft	200.0 ml/min
2/11/2026 2:40 PM	15:00	6.585 pH	16.28 °C	173.5 µS/cm	0.694 mg/L	1.210 NTU	72.2 mV	23.71 ft	200.0 ml/min
2/11/2026 2:45 PM	20:00	6.590 pH	16.24 °C	168.8 µS/cm	0.439 mg/L	1.080 NTU	72.8 mV	23.71 ft	200.0 ml/min
2/11/2026 2:50 PM	25:00	6.593 pH	16.21 °C	167.2 µS/cm	0.326 mg/L	1.020 NTU	73.8 mV	23.71 ft	200.0 ml/min

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 2/10/2026 3:00:04 PM
Project: Plant Wansley Ash Pond
Operator Name: D. Johnson

Location Name: WGWC-20 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 33.17 ft** **Total Depth: 43.17 ft** **Initial Depth to Water: 31.2 ft**	**Pump Type: Dedicated Bladder Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 38 ft** **Estimated Total Volume Pumped: 5 liter** **Flow Cell Volume: 130 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 5.04 in**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1235093**

Test Notes:
Sample time 1525. Sunny, 68 degrees F.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 3	+/- 5 %	+/- 10 %	+/- 10	+/- 25	+/- 0.3	
2/10/2026 3:00 PM	00:00	5.500 pH	19.75 °C	1,346 µS/cm	7.014 mg/L	0.950 NTU	176.1 mV	31.20 ft	200.0 ml/min
2/10/2026 3:05 PM	05:00	5.354 pH	19.33 °C	1,362 µS/cm	2.926 mg/L	0.340 NTU	189.4 mV	31.55 ft	200.0 ml/min
2/10/2026 3:10 PM	10:00	5.364 pH	19.16 °C	1,342 µS/cm	2.501 mg/L	0.350 NTU	199.5 mV	31.57 ft	200.0 ml/min
2/10/2026 3:15 PM	15:00	5.380 pH	19.10 °C	1,333 µS/cm	2.417 mg/L	0.300 NTU	207.3 mV	31.59 ft	200.0 ml/min
2/10/2026 3:20 PM	20:00	5.385 pH	19.03 °C	1,333 µS/cm	2.408 mg/L	0.280 NTU	214.0 mV	31.60 ft	200.0 ml/min
2/10/2026 3:25 PM	25:00	5.382 pH	18.83 °C	1,330 µS/cm	2.296 mg/L	0.200 NTU	220.4 mV	31.62 ft	200.0 ml/min

Samples

Sample ID:	Description:

Low-Flow Test Report:

Test Date / Time: 2/11/2026 2:59:14 PM
Project: Plant Wansley Ash Pond
Operator Name: Hunter Auld

Location Name: WGWC-21 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 61.7 ft** **Total Depth: 71.7 ft** **Initial Depth to Water: 50.98 ft**	**Pump Type: Dedicated Bladder Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 66 ft** **Estimated Total Volume Pumped: 16225 ml** **Flow Cell Volume: 130 ml** **Final Flow Rate: 225 ml/min** **Final Draw Down: 11.02 ft**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1183990**

Test Notes:
Sample time 1654. Cloudy 60.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 3	+/- 5 %	+/- 10 %	+/- 10	+/- 25	+/- 0.3	
2/11/2026 2:59 PM	00:00	7.096 pH	16.48 °C	860.1 µS/cm	9.283 mg/L	0.780 NTU	89.7 mV	50.98 ft	180.0 ml/min
2/11/2026 3:04 PM	05:00	6.697 pH	17.26 °C	977.3 µS/cm	2.006 mg/L	0.800 NTU	73.6 mV	52.50 ft	180.0 ml/min
2/11/2026 3:09 PM	10:00	6.674 pH	17.26 °C	975.1 µS/cm	0.903 mg/L	1.130 NTU	69.7 mV	53.90 ft	180.0 ml/min
2/11/2026 3:14 PM	15:00	6.663 pH	17.26 °C	949.9 µS/cm	0.971 mg/L	0.650 NTU	68.6 mV	54.90 ft	180.0 ml/min
2/11/2026 3:19 PM	20:00	6.662 pH	17.30 °C	940.9 µS/cm	1.047 mg/L	0.340 NTU	68.1 mV	55.90 ft	180.0 ml/min
2/11/2026 3:24 PM	25:00	6.670 pH	17.12 °C	934.3 µS/cm	1.080 mg/L	0.400 NTU	67.6 mV	56.60 ft	125.0 ml/min
2/11/2026 3:29 PM	30:00	6.671 pH	17.01 °C	931.2 µS/cm	1.099 mg/L	0.390 NTU	67.3 mV	57.10 ft	100.0 ml/min
2/11/2026 3:34 PM	35:00	6.671 pH	17.01 °C	926.3 µS/cm	1.112 mg/L	0.850 NTU	67.1 mV	57.60 ft	100.0 ml/min
2/11/2026 3:39 PM	40:00	6.671 pH	16.95 °C	920.8 µS/cm	1.144 mg/L	0.480 NTU	66.9 mV	58.00 ft	65.00 ml/min
2/11/2026 3:44 PM	45:00	6.670 pH	16.90 °C	913.7 µS/cm	1.160 mg/L	0.710 NTU	66.9 mV	58.35 ft	65.00 ml/min
2/11/2026 3:49 PM	50:00	6.669 pH	16.87 °C	905.0 µS/cm	1.140 mg/L	0.650 NTU	66.5 mV	58.65 ft	65.00 ml/min
2/11/2026 3:54 PM	55:00	6.667 pH	17.27 °C	893.2 µS/cm	1.083 mg/L	0.700 NTU	65.5 mV	59.30 ft	100.0 ml/min
2/11/2026 3:59 PM	01:00:00	6.672 pH	17.15 °C	866.5 µS/cm	1.169 mg/L	0.920 NTU	65.4 mV	59.70 ft	100.0 ml/min
2/11/2026 4:04 PM	01:05:00	6.674 pH	17.15 °C	843.9 µS/cm	1.161 mg/L	0.850 NTU	64.9 mV	60.10 ft	100.0 ml/min

2/11/2026 4:09 PM	01:10:00	6.684 pH	17.13 °C	833.6 µS/cm	1.198 mg/L	0.450 NTU	64.7 mV	60.60 ft	100.0 ml/min
2/11/2026 4:14 PM	01:15:00	6.689 pH	17.12 °C	826.5 µS/cm	1.208 mg/L	0.500 NTU	64.3 mV	61.03 ft	100.0 ml/min
2/11/2026 4:19 PM	01:20:00	6.687 pH	17.11 °C	816.5 µS/cm	1.220 mg/L	0.600 NTU	63.8 mV	61.48 ft	100.0 ml/min
2/11/2026 4:24 PM	01:25:00	6.680 pH	17.09 °C	801.6 µS/cm	1.250 mg/L	0.700 NTU	63.2 mV	61.95 ft	100.0 ml/min
2/11/2026 4:29 PM	01:30:00	6.678 pH	17.29 °C	791.7 µS/cm	1.337 mg/L	0.890 NTU	62.9 mV	61.95 ft	225.0 ml/min
2/11/2026 4:34 PM	01:35:00	6.712 pH	17.04 °C	828.4 µS/cm	1.356 mg/L	0.860 NTU	64.3 mV	61.95 ft	225.0 ml/min
2/11/2026 4:39 PM	01:40:00	6.695 pH	17.28 °C	872.4 µS/cm	1.019 mg/L	3.690 NTU	64.9 mV	61.95 ft	225.0 ml/min
2/11/2026 4:44 PM	01:45:00	6.703 pH	17.27 °C	917.1 µS/cm	0.874 mg/L	2.630 NTU	65.8 mV	61.95 ft	225.0 ml/min
2/11/2026 4:49 PM	01:50:00	6.710 pH	17.27 °C	923.8 µS/cm	0.883 mg/L	1.070 NTU	66.0 mV	62.00 ft	225.0 ml/min
2/11/2026 4:54 PM	01:55:00	6.720 pH	17.29 °C	913.0 µS/cm	0.990 mg/L	1.360 NTU	66.1 mV	62.00 ft	225.0 ml/min

Samples

Sample ID:	Description:

Low-Flow Test Report:

Test Date / Time: 2/11/2026 2:55:07 PM
Project: Plant Wansley Ash Pond
Operator Name: Taylor Goble

Location Name: WGWC-22 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 33.85 ft** **Total Depth: 43.85 ft** **Initial Depth to Water: 19.22 ft**	**Pump Type: Dedicated Bladder Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 38 ft** **Estimated Total Volume Pumped: 4.95 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 130 ml/min** **Final Draw Down: 2.83 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1283493**

Test Notes:
Sampled at 1530. Raining 64 degrees. AP1-FB-09 poured here

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 3	+/- 5 %	+/- 10 %	+/- 10	+/- 25	+/- 0.3	
2/11/2026 2:55 PM	00:00	5.727 pH	17.34 °C	196.3 µS/cm	6.493 mg/L	2.730 NTU	101.6 mV	19.22 ft	150.0 ml/min
2/11/2026 3:00 PM	05:00	5.543 pH	17.40 °C	206.4 µS/cm	3.210 mg/L	2.140 NTU	153.2 mV	20.40 ft	150.0 ml/min
2/11/2026 3:05 PM	10:00	5.532 pH	17.38 °C	207.6 µS/cm	2.943 mg/L	1.900 NTU	98.5 mV	20.85 ft	150.0 ml/min
2/11/2026 3:10 PM	15:00	5.533 pH	17.36 °C	208.1 µS/cm	2.883 mg/L	1.890 NTU	96.0 mV	21.41 ft	150.0 ml/min
2/11/2026 3:15 PM	20:00	5.533 pH	17.38 °C	206.3 µS/cm	2.920 mg/L	1.820 NTU	94.4 mV	21.64 ft	130.0 ml/min
2/11/2026 3:20 PM	25:00	5.533 pH	17.44 °C	204.4 µS/cm	3.046 mg/L	2.060 NTU	93.7 mV	21.83 ft	130.0 ml/min
2/11/2026 3:25 PM	30:00	5.530 pH	17.38 °C	204.1 µS/cm	3.065 mg/L	2.210 NTU	93.2 mV	21.94 ft	130.0 ml/min
2/11/2026 3:30 PM	35:00	5.529 pH	17.36 °C	204.1 µS/cm	3.084 mg/L	2.270 NTU	92.6 mV	22.05 ft	130.0 ml/min

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 2/11/2026 9:29:32 AM
Project: Plant Wansley Ash Pond
Operator Name: Hunter Auld

Location Name: WGWC-23 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 43.8 ft** **Total Depth: 53.8 ft** **Initial Depth to Water: 29.39 ft**	**Pump Type: Dedicated Bladder Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 48 ft** **Estimated Total Volume Pumped: 35100 ml** **Flow Cell Volume: 130 ml** **Final Flow Rate: 180 ml/min** **Final Draw Down: 0.91 ft**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1183990**

Test Notes:
Sample time 1224. Cloudy 66.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 3	+/- 5 %	+/- 10 %	+/- 10	+/- 25	+/- 0.3	
2/11/2026 9:29 AM	00:00	5.521 pH	16.53 °C	80.88 µS/cm	6.176 mg/L	3.540 NTU	157.9 mV	29.39 ft	175.0 ml/min
2/11/2026 9:34 AM	05:00	5.483 pH	17.16 °C	75.38 µS/cm	4.411 mg/L	4.950 NTU	155.6 mV	30.15 ft	175.0 ml/min
2/11/2026 9:39 AM	10:00	5.475 pH	17.26 °C	74.79 µS/cm	4.016 mg/L	6.470 NTU	159.0 mV	30.20 ft	175.0 ml/min
2/11/2026 9:44 AM	15:00	5.469 pH	17.29 °C	74.68 µS/cm	3.907 mg/L	8.000 NTU	163.7 mV	30.26 ft	175.0 ml/min
2/11/2026 9:49 AM	20:00	5.459 pH	17.34 °C	75.06 µS/cm	3.859 mg/L	7.740 NTU	169.5 mV	30.28 ft	175.0 ml/min
2/11/2026 9:54 AM	25:00	5.440 pH	17.42 °C	75.31 µS/cm	3.817 mg/L	8.220 NTU	174.9 mV	30.39 ft	240.0 ml/min
2/11/2026 9:59 AM	30:00	5.424 pH	17.43 °C	75.20 µS/cm	3.806 mg/L	7.850 NTU	180.5 mV	30.39 ft	240.0 ml/min
2/11/2026 10:04 AM	35:00	5.402 pH	17.43 °C	75.39 µS/cm	3.780 mg/L	7.140 NTU	185.3 mV	30.40 ft	240.0 ml/min
2/11/2026 10:09 AM	40:00	5.379 pH	17.45 °C	75.38 µS/cm	3.768 mg/L	7.120 NTU	190.1 mV	30.43 ft	240.0 ml/min
2/11/2026 10:14 AM	45:00	5.334 pH	17.48 °C	75.33 µS/cm	3.761 mg/L	7.390 NTU	196.0 mV	30.43 ft	240.0 ml/min
2/11/2026 10:19 AM	50:00	5.300 pH	17.53 °C	75.15 µS/cm	3.740 mg/L	6.770 NTU	200.8 mV	30.45 ft	240.0 ml/min
2/11/2026 10:24 AM	55:00	5.295 pH	17.54 °C	75.47 µS/cm	3.740 mg/L	7.000 NTU	203.8 mV	30.40 ft	225.0 ml/min
2/11/2026 10:29 AM	01:00:00	5.283 pH	17.53 °C	75.69 µS/cm	3.739 mg/L	7.850 NTU	207.0 mV	30.45 ft	250.0 ml/min
2/11/2026 10:34 AM	01:05:00	5.290 pH	17.60 °C	75.29 µS/cm	3.746 mg/L	8.300 NTU	209.0 mV	30.55 ft	250.0 ml/min

2/11/2026 10:39 AM	01:10:00	5.478 pH	17.56 °C	75.30 µS/cm	3.757 mg/L	8.340 NTU	201.0 mV	30.38 ft	200.0 ml/min
2/11/2026 10:44 AM	01:15:00	5.548 pH	17.56 °C	75.90 µS/cm	3.728 mg/L	9.000 NTU	199.7 mV	30.29 ft	200.0 ml/min
2/11/2026 10:49 AM	01:20:00	5.544 pH	17.57 °C	75.86 µS/cm	3.741 mg/L	7.800 NTU	201.9 mV	30.25 ft	200.0 ml/min
2/11/2026 10:54 AM	01:25:00	5.540 pH	17.58 °C	75.81 µS/cm	3.737 mg/L	7.500 NTU	203.9 mV	30.25 ft	200.0 ml/min
2/11/2026 10:59 AM	01:30:00	5.538 pH	17.60 °C	75.74 µS/cm	3.736 mg/L	7.070 NTU	205.7 mV	30.25 ft	200.0 ml/min
2/11/2026 11:04 AM	01:35:00	5.538 pH	17.61 °C	75.55 µS/cm	3.740 mg/L	6.790 NTU	207.4 mV	30.30 ft	200.0 ml/min
2/11/2026 11:09 AM	01:40:00	5.532 pH	17.59 °C	75.40 µS/cm	3.739 mg/L	6.370 NTU	209.3 mV	30.30 ft	200.0 ml/min
2/11/2026 11:14 AM	01:45:00	5.531 pH	17.60 °C	75.50 µS/cm	3.743 mg/L	6.170 NTU	210.8 mV	30.25 ft	200.0 ml/min
2/11/2026 11:19 AM	01:50:00	5.528 pH	17.62 °C	75.41 µS/cm	3.754 mg/L	6.200 NTU	212.5 mV	30.25 ft	200.0 ml/min
2/11/2026 11:24 AM	01:55:00	5.525 pH	17.61 °C	75.37 µS/cm	3.760 mg/L	6.060 NTU	214.0 mV	30.25 ft	200.0 ml/min
2/11/2026 11:29 AM	02:00:00	5.520 pH	17.60 °C	75.30 µS/cm	3.753 mg/L	5.970 NTU	215.7 mV	30.25 ft	180.0 ml/min
2/11/2026 11:34 AM	02:05:00	5.515 pH	17.57 °C	75.18 µS/cm	3.761 mg/L	5.740 NTU	217.3 mV	30.25 ft	180.0 ml/min
2/11/2026 11:39 AM	02:10:00	5.507 pH	17.53 °C	75.15 µS/cm	3.762 mg/L	5.640 NTU	219.1 mV	30.25 ft	180.0 ml/min
2/11/2026 11:44 AM	02:15:00	5.503 pH	17.51 °C	75.31 µS/cm	3.752 mg/L	5.520 NTU	220.5 mV	30.25 ft	180.0 ml/min
2/11/2026 11:49 AM	02:20:00	5.499 pH	17.48 °C	75.35 µS/cm	3.754 mg/L	5.500 NTU	221.9 mV	30.25 ft	180.0 ml/min
2/11/2026 11:54 AM	02:25:00	5.495 pH	17.47 °C	75.34 µS/cm	3.757 mg/L	5.330 NTU	223.4 mV	30.30 ft	180.0 ml/min
2/11/2026 11:59 AM	02:30:00	5.494 pH	17.49 °C	75.23 µS/cm	3.761 mg/L	5.230 NTU	224.6 mV	30.30 ft	180.0 ml/min
2/11/2026 12:04 PM	02:35:00	5.497 pH	17.51 °C	75.16 µS/cm	3.763 mg/L	5.020 NTU	225.4 mV	30.30 ft	180.0 ml/min
2/11/2026 12:09 PM	02:40:00	5.493 pH	17.52 °C	75.08 µS/cm	3.771 mg/L	5.120 NTU	226.6 mV	30.30 ft	180.0 ml/min
2/11/2026 12:14 PM	02:45:00	5.491 pH	17.54 °C	75.25 µS/cm	3.756 mg/L	5.070 NTU	227.7 mV	30.30 ft	180.0 ml/min
2/11/2026 12:19 PM	02:50:00	5.488 pH	17.56 °C	75.26 µS/cm	3.764 mg/L	4.970 NTU	228.8 mV	30.30 ft	180.0 ml/min
2/11/2026 12:24 PM	02:55:00	5.485 pH	17.59 °C	75.21 µS/cm	3.760 mg/L	4.900 NTU	229.9 mV	30.30 ft	180.0 ml/min

Samples

Sample ID:	Description:

Low-Flow Test Report:

Test Date / Time: 2/10/2026 10:45:03 AM
Project: Plant Wansley Ash Pond
Operator Name: D. Johnson

Location Name: WGWC-24 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 30.77 ft** **Total Depth: 40.77 ft** **Initial Depth to Water: 16.15 ft**	**Pump Type: Dedicated Bladder Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 35 ft** **Estimated Total Volume Pumped: 6.87 liter** **Flow Cell Volume: 130 ml** **Final Flow Rate: 275 ml/min** **Final Draw Down: 5.04 in**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1235093**

Test Notes:
Sample time 1110. Sunny, 61 degrees F.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 3	+/- 5 %	+/- 10 %	+/- 10	+/- 25	+/- 0.3	
2/10/2026 10:45 AM	00:00	4.920 pH	16.27 °C	162.3 µS/cm	7.092 mg/L	1.730 NTU	186.4 mV	16.15 ft	275.0 ml/min
2/10/2026 10:50 AM	05:00	4.624 pH	17.29 °C	198.7 µS/cm	2.826 mg/L	1.160 NTU	204.1 mV	16.52 ft	275.0 ml/min
2/10/2026 10:55 AM	10:00	4.614 pH	17.51 °C	200.1 µS/cm	2.108 mg/L	1.340 NTU	209.3 mV	16.54 ft	275.0 ml/min
2/10/2026 11:00 AM	15:00	4.593 pH	17.59 °C	205.3 µS/cm	1.920 mg/L	1.540 NTU	212.7 mV	16.56 ft	275.0 ml/min
2/10/2026 11:05 AM	20:00	4.576 pH	17.69 °C	208.0 µS/cm	1.834 mg/L	1.220 NTU	218.2 mV	16.56 ft	275.0 ml/min
2/10/2026 11:10 AM	25:00	4.585 pH	17.86 °C	209.1 µS/cm	1.766 mg/L	1.110 NTU	222.4 mV	16.57 ft	275.0 ml/min

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 2/11/2026 10:10:06 AM
Project: Plant Wansley Ash Pond
Operator Name: D. Johnson

Location Name: WGWC-25 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 29.87 ft** **Total Depth: 39.87 ft** **Initial Depth to Water: 18.15 ft**	**Pump Type: Dedicated Bladder Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 34 ft** **Estimated Total Volume Pumped: 54000 ml** **Flow Cell Volume: 130 ml** **Final Flow Rate: 300 ml/min** **Final Draw Down: 3.36 in**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1235093**

Test Notes:
Sample time 1310. Cloudy, 66 degrees F.
FD-02 here.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 3	+/- 5 %	+/- 10 %	+/- 10	+/- 25	+/- 0.3	
2/11/2026 10:10 AM	00:00	5.804 pH	16.92 °C	307.1 µS/cm	6.726 mg/L	5.680 NTU	170.1 mV	18.15 ft	300.0 ml/min
2/11/2026 10:15 AM	05:00	5.698 pH	17.17 °C	268.3 µS/cm	1.612 mg/L	15.40 NTU	118.8 mV	18.20 ft	300.0 ml/min
2/11/2026 10:20 AM	10:00	5.696 pH	17.18 °C	261.6 µS/cm	0.769 mg/L	17.20 NTU	100.7 mV	18.27 ft	300.0 ml/min
2/11/2026 10:25 AM	15:00	5.666 pH	17.16 °C	260.7 µS/cm	0.427 mg/L	20.60 NTU	95.0 mV	18.30 ft	300.0 ml/min
2/11/2026 10:30 AM	20:00	5.659 pH	17.17 °C	260.7 µS/cm	0.303 mg/L	16.70 NTU	95.0 mV	18.32 ft	300.0 ml/min
2/11/2026 10:35 AM	25:00	5.651 pH	17.24 °C	261.2 µS/cm	0.237 mg/L	14.20 NTU	92.7 mV	18.35 ft	300.0 ml/min
2/11/2026 10:40 AM	30:00	5.653 pH	17.27 °C	261.4 µS/cm	0.233 mg/L	9.160 NTU	92.4 mV	18.36 ft	300.0 ml/min
2/11/2026 10:45 AM	35:00	5.656 pH	17.29 °C	261.6 µS/cm	0.219 mg/L	9.530 NTU	92.1 mV	18.40 ft	300.0 ml/min
2/11/2026 10:50 AM	40:00	5.659 pH	17.31 °C	262.1 µS/cm	0.212 mg/L	7.140 NTU	91.8 mV	18.41 ft	300.0 ml/min
2/11/2026 10:55 AM	45:00	5.661 pH	17.31 °C	262.4 µS/cm	0.205 mg/L	6.930 NTU	91.4 mV	18.42 ft	300.0 ml/min
2/11/2026 11:00 AM	50:00	5.660 pH	17.34 °C	262.7 µS/cm	0.210 mg/L	6.290 NTU	91.7 mV	18.43 ft	300.0 ml/min
2/11/2026 11:05 AM	55:00	5.662 pH	17.35 °C	262.7 µS/cm	0.196 mg/L	6.050 NTU	92.2 mV	18.43 ft	300.0 ml/min
2/11/2026 11:10 AM	01:00:00	5.623 pH	17.36 °C	262.7 µS/cm	0.191 mg/L	5.860 NTU	94.3 mV	18.43 ft	300.0 ml/min
2/11/2026 11:15 AM	01:05:00	5.607 pH	17.32 °C	262.8 µS/cm	0.192 mg/L	6.110 NTU	94.0 mV	18.43 ft	300.0 ml/min

2/11/2026 11:20 AM	01:10:00	5.616 pH	17.32 °C	263.1 µS/cm	0.184 mg/L	6.750 NTU	93.5 mV	18.43 ft	300.0 ml/min
2/11/2026 11:25 AM	01:15:00	5.622 pH	17.30 °C	263.2 µS/cm	0.187 mg/L	7.650 NTU	93.4 mV	18.43 ft	300.0 ml/min
2/11/2026 11:30 AM	01:20:00	5.627 pH	17.31 °C	262.9 µS/cm	0.180 mg/L	7.370 NTU	93.6 mV	18.43 ft	300.0 ml/min
2/11/2026 11:35 AM	01:25:00	5.626 pH	17.27 °C	263.1 µS/cm	0.179 mg/L	7.940 NTU	93.6 mV	18.43 ft	300.0 ml/min
2/11/2026 11:40 AM	01:30:00	5.629 pH	17.28 °C	263.1 µS/cm	0.174 mg/L	7.610 NTU	93.6 mV	18.43 ft	300.0 ml/min
2/11/2026 11:45 AM	01:35:00	5.631 pH	17.25 °C	263.2 µS/cm	0.178 mg/L	7.800 NTU	93.6 mV	18.43 ft	300.0 ml/min
2/11/2026 11:50 AM	01:40:00	5.630 pH	17.22 °C	263.2 µS/cm	0.173 mg/L	7.110 NTU	94.0 mV	18.43 ft	300.0 ml/min
2/11/2026 11:55 AM	01:45:00	5.631 pH	17.21 °C	263.3 µS/cm	0.167 mg/L	7.690 NTU	94.3 mV	18.43 ft	300.0 ml/min
2/11/2026 12:00 PM	01:50:00	5.633 pH	17.21 °C	263.2 µS/cm	0.168 mg/L	7.820 NTU	94.3 mV	18.43 ft	300.0 ml/min
2/11/2026 12:05 PM	01:55:00	5.638 pH	17.25 °C	263.3 µS/cm	0.166 mg/L	7.660 NTU	94.3 mV	18.43 ft	300.0 ml/min
2/11/2026 12:10 PM	02:00:00	5.603 pH	17.32 °C	263.2 µS/cm	0.165 mg/L	7.660 NTU	96.2 mV	18.43 ft	300.0 ml/min
2/11/2026 12:15 PM	02:05:00	5.584 pH	17.37 °C	263.4 µS/cm	0.167 mg/L	10.40 NTU	97.3 mV	18.43 ft	300.0 ml/min
2/11/2026 12:20 PM	02:10:00	5.584 pH	17.35 °C	263.3 µS/cm	0.169 mg/L	9.270 NTU	97.4 mV	18.43 ft	300.0 ml/min
2/11/2026 12:25 PM	02:15:00	5.599 pH	17.41 °C	263.2 µS/cm	0.164 mg/L	11.00 NTU	96.8 mV	18.43 ft	300.0 ml/min
2/11/2026 12:30 PM	02:20:00	5.605 pH	17.40 °C	263.1 µS/cm	0.164 mg/L	9.250 NTU	96.7 mV	18.43 ft	300.0 ml/min
2/11/2026 12:35 PM	02:25:00	5.609 pH	17.43 °C	263.1 µS/cm	0.162 mg/L	10.40 NTU	96.8 mV	18.43 ft	300.0 ml/min
2/11/2026 12:40 PM	02:30:00	5.613 pH	17.45 °C	263.1 µS/cm	0.154 mg/L	10.20 NTU	96.7 mV	18.43 ft	300.0 ml/min
2/11/2026 12:45 PM	02:35:00	5.614 pH	17.39 °C	262.9 µS/cm	0.156 mg/L	10.10 NTU	96.9 mV	18.43 ft	300.0 ml/min
2/11/2026 12:50 PM	02:40:00	5.614 pH	17.39 °C	262.9 µS/cm	0.157 mg/L	9.820 NTU	97.1 mV	18.43 ft	300.0 ml/min
2/11/2026 12:55 PM	02:45:00	5.618 pH	17.38 °C	262.9 µS/cm	0.150 mg/L	9.490 NTU	97.1 mV	18.43 ft	300.0 ml/min
2/11/2026 1:00 PM	02:50:00	5.618 pH	17.40 °C	262.9 µS/cm	0.154 mg/L	9.840 NTU	97.2 mV	18.43 ft	300.0 ml/min
2/11/2026 1:05 PM	02:55:00	5.623 pH	17.39 °C	262.8 µS/cm	0.155 mg/L	9.370 NTU	97.3 mV	18.43 ft	300.0 ml/min
2/11/2026 1:10 PM	03:00:00	5.612 pH	17.38 °C	262.8 µS/cm	0.158 mg/L	8.640 NTU	98.0 mV	18.43 ft	300.0 ml/min

Samples

Sample ID:	Description:

Low-Flow Test Report:

Test Date / Time: 2/10/2026 1:53:10 PM
Project: Plant Wansley Ash Pond
Operator Name: Hunter Auld

Location Name: WGWC-27 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 31.39 ft** **Total Depth: 41.39 ft** **Initial Depth to Water: 10.92 ft**	**Pump Type: Dedicated Bladder Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 36 ft** **Estimated Total Volume Pumped: 16600 ml** **Flow Cell Volume: 130 ml** **Final Flow Rate: 160 ml/min** **Final Draw Down: 8.68 ft**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1183990**

Test Notes:
Sample time 1513. P cloudy 68.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 3	+/- 5 %	+/- 10 %	+/- 10	+/- 25	+/- 0.3	
2/10/2026 1:53 PM	00:00	6.091 pH	19.10 °C	334.3 µS/cm	4.650 mg/L	407.0 NTU	119.3 mV	10.92 ft	225.0 ml/min
2/10/2026 1:58 PM	05:00	6.308 pH	18.90 °C	569.8 µS/cm	1.251 mg/L	137.0 NTU	103.0 mV	13.00 ft	225.0 ml/min
2/10/2026 2:03 PM	10:00	6.336 pH	18.78 °C	559.9 µS/cm	1.241 mg/L	31.50 NTU	93.5 mV	13.85 ft	225.0 ml/min
2/10/2026 2:08 PM	15:00	6.340 pH	18.71 °C	506.2 µS/cm	1.730 mg/L	16.70 NTU	86.0 mV	14.75 ft	225.0 ml/min
2/10/2026 2:13 PM	20:00	6.294 pH	18.66 °C	390.7 µS/cm	2.462 mg/L	9.740 NTU	80.2 mV	15.60 ft	225.0 ml/min
2/10/2026 2:18 PM	25:00	6.246 pH	18.63 °C	306.3 µS/cm	3.058 mg/L	5.740 NTU	76.2 mV	16.30 ft	240.0 ml/min
2/10/2026 2:23 PM	30:00	6.227 pH	18.64 °C	268.1 µS/cm	3.702 mg/L	3.970 NTU	75.7 mV	17.00 ft	240.0 ml/min
2/10/2026 2:28 PM	35:00	6.212 pH	18.57 °C	243.0 µS/cm	4.418 mg/L	2.660 NTU	75.1 mV	17.50 ft	240.0 ml/min
2/10/2026 2:33 PM	40:00	6.197 pH	18.56 °C	223.2 µS/cm	5.060 mg/L	2.930 NTU	76.0 mV	18.15 ft	240.0 ml/min
2/10/2026 2:38 PM	45:00	6.177 pH	18.57 °C	210.8 µS/cm	5.281 mg/L	1.960 NTU	77.7 mV	18.80 ft	240.0 ml/min
2/10/2026 2:43 PM	50:00	6.148 pH	18.51 °C	199.9 µS/cm	5.472 mg/L	1.670 NTU	78.6 mV	18.95 ft	175.0 ml/min
2/10/2026 2:48 PM	55:00	6.073 pH	18.56 °C	183.5 µS/cm	5.419 mg/L	1.610 NTU	80.4 mV	19.10 ft	175.0 ml/min
2/10/2026 2:53 PM	01:00:00	6.055 pH	18.53 °C	178.4 µS/cm	5.336 mg/L	1.370 NTU	82.6 mV	19.30 ft	175.0 ml/min
2/10/2026 2:58 PM	01:05:00	6.051 pH	18.61 °C	173.6 µS/cm	5.605 mg/L	1.470 NTU	84.4 mV	19.40 ft	150.0 ml/min

2/10/2026 3:03 PM	01:10:00	6.009 pH	18.61 °C	163.3 µS/cm	5.639 mg/L	1.230 NTU	89.9 mV	19.43 ft	160.0 ml/min
2/10/2026 3:08 PM	01:15:00	5.989 pH	18.56 °C	159.7 µS/cm	5.611 mg/L	1.060 NTU	93.5 mV	19.55 ft	160.0 ml/min
2/10/2026 3:13 PM	01:20:00	6.000 pH	18.50 °C	162.3 µS/cm	5.582 mg/L	1.100 NTU	94.8 mV	19.60 ft	160.0 ml/min

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 2/12/2026 9:56:08 AM
Project: Plant Wansley Ash Pond
Operator Name: Hunter Auld

Location Name: WGWC-28D **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 199.7 ft** **Total Depth: 209.7 ft** **Initial Depth to Water: 33.81 ft**	**Pump Type: Portable bladder pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 204 ft** **Estimated Total Volume Pumped: 16550 ml** **Flow Cell Volume: 130 ml** **Final Flow Rate: 60 ml/min** **Final Draw Down: 11.94 ft**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1183990**

Test Notes:
Sample time 1236. Sunny 60.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 3	+/- 5 %	+/- 10 %	+/- 10	+/- 25	+/- 0.3	
2/12/2026 9:56 AM	00:00	6.799 pH	14.85 °C	2,511 µS/cm	2.850 mg/L	5.490 NTU	157.1 mV	33.81 ft	120.0 ml/min
2/12/2026 10:01 AM	05:00	6.755 pH	16.43 °C	3,183 µS/cm	2.001 mg/L	15.70 NTU	132.7 mV	31.50 ft	120.0 ml/min
2/12/2026 10:06 AM	10:00	6.600 pH	16.74 °C	3,553 µS/cm	1.368 mg/L	19.60 NTU	120.7 mV	32.40 ft	120.0 ml/min
2/12/2026 10:11 AM	15:00	6.565 pH	16.74 °C	3,608 µS/cm	1.041 mg/L	13.60 NTU	110.6 mV	33.30 ft	120.0 ml/min
2/12/2026 10:16 AM	20:00	6.561 pH	16.99 °C	3,617 µS/cm	0.905 mg/L	12.10 NTU	98.5 mV	34.00 ft	120.0 ml/min
2/12/2026 10:21 AM	25:00	6.564 pH	16.99 °C	3,621 µS/cm	0.858 mg/L	10.00 NTU	94.5 mV	35.00 ft	120.0 ml/min
2/12/2026 10:26 AM	30:00	6.579 pH	16.98 °C	3,611 µS/cm	0.800 mg/L	9.000 NTU	91.3 mV	36.00 ft	120.0 ml/min
2/12/2026 10:31 AM	35:00	6.613 pH	17.13 °C	3,603 µS/cm	0.726 mg/L	7.500 NTU	87.7 mV	37.00 ft	120.0 ml/min
2/12/2026 10:36 AM	40:00	6.715 pH	17.15 °C	3,585 µS/cm	0.669 mg/L	6.290 NTU	88.0 mV	37.20 ft	120.0 ml/min
2/12/2026 10:41 AM	45:00	6.848 pH	16.97 °C	3,585 µS/cm	0.596 mg/L	2.910 NTU	78.3 mV	37.60 ft	120.0 ml/min
2/12/2026 10:46 AM	50:00	6.893 pH	17.12 °C	3,581 µS/cm	0.534 mg/L	2.480 NTU	54.5 mV	38.20 ft	120.0 ml/min
2/12/2026 10:51 AM	55:00	6.900 pH	17.33 °C	3,596 µS/cm	0.511 mg/L	3.000 NTU	27.0 mV	38.60 ft	110.0 ml/min
2/12/2026 10:56 AM	01:00:00	6.905 pH	17.25 °C	3,589 µS/cm	0.475 mg/L	2.420 NTU	0.9 mV	39.25 ft	110.0 ml/min
2/12/2026 11:01 AM	01:05:00	6.905 pH	17.38 °C	3,586 µS/cm	0.453 mg/L	2.540 NTU	-19.4 mV	39.80 ft	110.0 ml/min
2/12/2026 11:06 AM	01:10:00	6.901 pH	17.49 °C	3,585 µS/cm	0.468 mg/L	2.390 NTU	-33.4 mV	40.33 ft	110.0 ml/min

2/12/2026 11:11 AM	01:15:00	6.901 pH	17.44 °C	3,572 µS/cm	0.477 mg/L	2.580 NTU	-42.4 mV	40.65 ft	75.00 ml/min
2/12/2026 11:16 AM	01:20:00	6.902 pH	17.38 °C	3,559 µS/cm	0.473 mg/L	2.460 NTU	-48.4 mV	40.95 ft	75.00 ml/min
2/12/2026 11:21 AM	01:25:00	6.901 pH	17.34 °C	3,566 µS/cm	0.506 mg/L	2.450 NTU	-51.5 mV	41.00 ft	60.00 ml/min
2/12/2026 11:26 AM	01:30:00	6.893 pH	17.63 °C	3,575 µS/cm	0.533 mg/L	3.000 NTU	-55.4 mV	41.45 ft	100.0 ml/min
2/12/2026 11:31 AM	01:35:00	6.885 pH	17.84 °C	3,568 µS/cm	0.466 mg/L	3.040 NTU	-57.9 mV	42.00 ft	100.0 ml/min
2/12/2026 11:36 AM	01:40:00	6.888 pH	17.90 °C	3,554 µS/cm	0.432 mg/L	2.800 NTU	-59.9 mV	42.40 ft	100.0 ml/min
2/12/2026 11:41 AM	01:45:00	6.871 pH	18.12 °C	3,525 µS/cm	0.409 mg/L	2.900 NTU	-62.0 mV	42.80 ft	100.0 ml/min
2/12/2026 11:46 AM	01:50:00	6.860 pH	18.00 °C	3,487 µS/cm	0.369 mg/L	2.500 NTU	-62.9 mV	43.10 ft	100.0 ml/min
2/12/2026 11:51 AM	01:55:00	6.839 pH	18.18 °C	3,436 µS/cm	0.348 mg/L	2.530 NTU	-63.4 mV	43.45 ft	100.0 ml/min
2/12/2026 11:56 AM	02:00:00	6.811 pH	18.18 °C	3,364 µS/cm	0.324 mg/L	2.900 NTU	-63.1 mV	43.95 ft	100.0 ml/min
2/12/2026 12:01 PM	02:05:00	6.790 pH	18.40 °C	3,317 µS/cm	0.305 mg/L	2.580 NTU	-63.0 mV	44.23 ft	100.0 ml/min
2/12/2026 12:06 PM	02:10:00	6.784 pH	18.51 °C	3,262 µS/cm	0.287 mg/L	2.800 NTU	-62.9 mV	44.50 ft	100.0 ml/min
2/12/2026 12:11 PM	02:15:00	6.798 pH	18.49 °C	3,227 µS/cm	0.266 mg/L	2.770 NTU	-65.0 mV	44.90 ft	100.0 ml/min
2/12/2026 12:16 PM	02:20:00	6.805 pH	18.68 °C	3,216 µS/cm	0.259 mg/L	2.990 NTU	-68.6 mV	45.15 ft	100.0 ml/min
2/12/2026 12:21 PM	02:25:00	6.807 pH	18.63 °C	3,208 µS/cm	0.252 mg/L	3.000 NTU	-71.0 mV	45.45 ft	100.0 ml/min
2/12/2026 12:26 PM	02:30:00	6.807 pH	18.72 °C	3,206 µS/cm	0.271 mg/L	2.580 NTU	-72.1 mV	45.70 ft	80.00 ml/min
2/12/2026 12:31 PM	02:35:00	6.808 pH	18.74 °C	3,199 µS/cm	0.279 mg/L	2.590 NTU	-71.9 mV	45.75 ft	60.00 ml/min
2/12/2026 12:36 PM	02:40:00	6.809 pH	18.62 °C	3,200 µS/cm	0.300 mg/L	2.870 NTU	-70.6 mV	45.75 ft	60.00 ml/min

Samples

Sample ID:	Description:

Field Instrumentation Calibration Form

ATLANTIC COAST CONSULTING, INC.

Site Name: Plant Wansley AP

Date: 2-9-2026

Calibrated By: T. Cole

Field Conditions: Sunny 65°F

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	AquaTroll 400	1283493
Turbidity Meter	HACH 2000Q	24010D000426

Calibration Standard Information

Parameter	Standard	Lot #	Date of Expiration	Brand
D.O. (%)	N/A	DI H_2O	N/A	N/A
pH (SU)	4.00	24021650	9/26	PINE
pH (SU)	7.00	24021711	9/26	PINE
pH (SU)	10.00	24022748	9/26	PINE
Specific Conductance (µS/cm)	~~1,413~~ 4490	24021650	9/26	PINE
ORP (mV)	~~240.0~~ 228	24020598	9/26	PINE

	Standard	Lot #	Date of Expiration	Brand
Turbidity (NTU)	0	DI H_2O	N/A	N/A
	10	A5083	6/26	HACH
	20	A5092	7/26	HACH
	100	A5081	6/26	HACH

Calibration

Time Start: 1300 Time Finish: 1320

Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
D.O. (%)	N/A	100.9	20.11	± 10%	EPA 2023
pH (SU)	4.00	4.00	22.70	± 0.1	GWMP
pH (SU)	7.00	7.02	21.32	± 0.1	GWMP
pH (SU)	10.00	10.05	20.63	± 0.1	GWMP
Specific Conductance (µS/cm)	~~1,413~~ 4490	4482	22.88	± 10% of standard	NA
ORP (mV)	~~240.0~~ 228	218.1	20.05	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	0	0.24	± 10% of standard	EPA 2023
	10	9.62		
	20	19.9		
	100	100		

Calibration Check

Time Start Time Finish

Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
pH (SU)	4.00			± 0.1	GWMP
pH (SU)	7.00			± 0.1	GWMP
pH (SU)	10.00			± 0.1	GWMP
Specific Conductance (µS/cm)	1,413			± 10% of standard	EPA 2023

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

Field Instrumentation Calibration Form

ATLANTIC COAST CONSULTING, INC.

Site Name: Plant Wansley AP

Date: 2·10·2026

Calibrated By: T. Goble

Field Conditions: Fog 47°F

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	AquaTroll 400	1283493
Turbidity Meter	HACH 2000a	24010D000426

Calibration Standard Information

Parameter	Standard	Lot #	Date of Expiration	Brand
D.O. (%)	N/A	DI H_2O	N/A	N/A
pH (SU)	4.00	24021650	9/26	PINE
pH (SU)	7.00	24021711		PINE
pH (SU)	10.00	24022784		PINE
Specific Conductance (µS/cm)	~~1,413~~ 4490	24021650		PINE
ORP (mV)	~~240.0~~ 228	24020594		PINE

	Standard	Lot #	Date of Expiration	Brand
Turbidity (NTU)	0	DI H_2O	N/A	N/A
	10	A5083	6/26	HACH
	20	A5092	7/26	HACH
	100	A5081	6/26	HACH

Calibration

Time Start: 0820 Time Finish: 0845

Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
D.O. (%)	N/A	97.28	14.25	± 10%	EPA 2023
pH (SU)	4.00	4.00	12.70	± 0.1	GWMP
pH (SU)	7.00	7.04	13.48	± 0.1	GWMP
pH (SU)	10.00	10.11	14.23	± 0.1	GWMP
Specific Conductance (µS/cm)	~~1,413~~ 4490	4593	12.47	± 10% of standard	NA
ORP (mV)	~~240.0~~ 228	235.6	14.66	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	0	0.24	± 10% of standard	EPA 2023
	10	10.4		
	20	20.4		
	100	101		

Calibration Check

Time Start 1320 Time Finish 1330

Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
pH (SU)	4.00	4.00	16.39	± 0.1	GWMP
pH (SU)	7.00	7.04	16.01	± 0.1	GWMP
pH (SU)	10.00	10.11	15.97	± 0.1	GWMP
Specific Conductance (µS/cm)	~~1,413~~ 4490	4330	16.54	± 10% of standard	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	0	0.21	± 10% of standard	EPA 2023
	10	10.2		
	20	20.2		
	100	102		

Field Instrumentation Calibration Form

ACC
Atlantic Coast Consulting, Inc.

Site Name: Plant Wansley AP

Date: 2-11-2026

Calibrated By: T. Goble

Field Conditions: Cloudy 59°F

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	AquaTroll 400	1283493
Turbidity Meter	HACH 2100Q	24010D000126

Calibration Standard Information

Parameter	Standard	Lot #	Date of Expiration	Brand
D.O. (%)	N/A	DI H_2O	N/A	N/A
pH (SU)	4.00	24021650	9/26	PINE
pH (SU)	7.00	24021711		PINE
pH (SU)	10.00	24022784		PINE
Specific Conductance (µS/cm)	1,413	24021650		PINE
ORP (mV)	240.0	24020596		PINE

	Standard	Lot #	Date of Expiration	Brand
Turbidity (NTU)	0	DI H_2O	N/A	N/A
	10	A5083	6/26	HACH
	20	A5092	7/26	HACH
	100	A5081	6/26	HACH

Calibration

Time Start: 0840 Time Finish: 0900

Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
D.O. (%)	N/A	101.3	16.71	± 10%	EPA 2023
pH (SU)	4.00	4.00	16.66	± 0.1	GWMP
pH (SU)	7.00	7.04	16.79	± 0.1	GWMP
pH (SU)	10.00	10.11	16.90	± 0.1	GWMP
Specific Conductance (µS/cm)	~~1,413~~ 4490	4592	16.66	± 10% of standard	NA
ORP (mV)	~~240.0~~ 228	222.7	16.96	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	0	0.22	± 10% of standard	EPA 2023
	10	9.42		
	20	20.6		
	100	99.4		

Calibration Check

Time Start 1430 Time Finish 1445

Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
pH (SU)	4.00	4.00	19.22	± 0.1	GWMP
pH (SU)	7.00	7.04	19.15	± 0.1	GWMP
pH (SU)	10.00	10.11	18.91	± 0.1	GWMP
Specific Conductance (µS/cm)	~~1,413~~ 4490	4411	19.27	± 10% of standard	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	0	0.21	± 10% of standard	EPA 2023
	10	10.2		
	20	20.2		
	100	101		

Field Instrumentation Calibration Form

ATLANTIC COAST CONSULTING, INC.

Site Name: Plant Wansley AP

Date: 2-12-2024

Calibrated By: T. Goble

Field Conditions: Clear 39°F

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	AquaTroll 400	1283193
Turbidity Meter	HACH 2100Q	24010200426

Calibration Standard Information

Parameter	Standard	Lot #	Date of Expiration	Brand
D.O. (%)	N/A	DI H_2O	N/A	N/A
pH (SU)	4.00	24021650	9/26	PINE
pH (SU)	7.00	24021711		PINE
pH (SU)	10.00	24022781		PINE
Specific Conductance (µS/cm)	1,413	24021650		PINE
ORP (mV)	240.0	24020598		PINE

	Standard	Lot #	Date of Expiration	Brand
Turbidity (NTU)	0	DI H_2O	N/A	N/A
	10	A5083	6/26	HACH
	20	A5092	7/26	HACH
	100	A5081	6/26	HACH

Calibration

Time Start: 0820 Time Finish: 0840

Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
D.O. (%)	N/A	98.34	8.93	± 10%	EPA 2023
pH (SU)	4.00	4.00	8.93	± 0.1	GWMP
pH (SU)	7.00	7.06	9.50	± 0.1	GWMP
pH (SU)	10.00	10.14	9.90	± 0.1	GWMP
Specific Conductance (µS/cm)	~~1,413~~ 4490	4543	8.74	± 10% of standard	NA
ORP (mV)	~~240.0~~ 228	238.0	10.21	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	0	0.22	± 10% of standard	EPA 2023
	10	9.39		
	20	20.9		
	100	101		

Calibration Check

Time Start Time Finish

Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
pH (SU)	4.00			± 0.1	GWMP
pH (SU)	7.00			± 0.1	GWMP
pH (SU)	10.00			± 0.1	GWMP
Specific Conductance (µS/cm)	1,413			± 10% of standard	EPA 2023

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

Field Instrumentation Calibration Form

ATLANTIC COAST CONSULTING, INC.

Site Name: WAN AP1 Date: 2-9-26

Calibrated By: H. Auld Field Conditions: Clear, 60s

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	AquaTroll 500	1183990
Turbidity Meter	HACH 2100Q	23100D00037 3

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
D.O. (%)	N/A	DI H_2O	N/A	N/A
pH (SU)	4.00	5GE0612	5/27	PINE
pH (SU)	7.00	4GD1667	4/26	PINE
pH (SU)	10.00	4G00600	~~9~~ 03/26	PINE
Specific Conductance (µS/cm)	1,413	5GI0959	9/26	PINE
ORP (mV)	240.0	5GI0371	6/26	PINE

	Standard	Lot #	Date of Expiration	Brand
Turbidity (NTU)	0	DI H_2O	N/A	N/A
	10	A5042	~~02/26~~ 05/26	HACH
	20	A4309	02/26	HACH
	100	A4306	02/26	HACH

Calibration					
Time Start: 1245		Time Finish: 1300			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
D.O. (%)	N/A	100%	23.6	± 10%	EPA 2023
pH (SU)	4.00	4.00	21.0	± 0.1	GWMP
pH (SU)	7.00	7.02	21.2	± 0.1	GWMP
pH (SU)	10.00	10.05	21.6	± 0.1	GWMP
Specific Conductance (µS/cm)	1,413	1413	21.0	± 10% of standard	NA
ORP (mV)	240.0	231	23.2	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	0	0.2	± 10% of standard	EPA 2023
	10	10		
	20	20		
	100	100		

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

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

Field Instrumentation Calibration Form

ATLANTIC COAST CONSULTING, INC.

Site Name: WAN AP

Date: 2-10-26

Calibrated By: HAwd

Field Conditions: Cloudy, 50°

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	Aquatroll 500	1183990
Turbidity Meter	HACH 2100Q	23100D00037 3

Calibration Standard Information

Parameter	Standard	Lot #	Date of Expiration	Brand
D.O. (%)	N/A	DI H_2O	N/A	N/A
pH (SU)	4.00	5GE0612	5/27	PINE
pH (SU)	7.00	4GD1667	4/26	PINE
pH (SU)	10.00	4GC0600	3/26	PINE
Specific Conductance (µS/cm)	1,413	5GI0959	9/26	PINE
ORP (mV)	240.0	5GI0371	6/26	PINE

	Standard	Lot #	Date of Expiration	Brand
Turbidity (NTU)	0	DI H_2O	N/A	N/A
	10	A5042	05/26	HACH
	20	A4309	02/26	HACH
	100	A4306	02/26	HACH

Calibration

Time Start: 0845 Time Finish: 0930

Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
D.O. (%)	N/A	100%	11.7	± 10%	EPA 2023
pH (SU)	4.00	4.00	12.3	± 0.1	GWMP
pH (SU)	7.00	7.04	12.2	± 0.1	GWMP
pH (SU)	10.00	10.10	12.6	± 0.1	GWMP
Specific Conductance (µS/cm)	1,413	1413	12.2	± 10% of standard	NA
ORP (mV)	240.0	245	12.7	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	0	0.2	± 10% of standard	EPA 2023
	10	9.9		
	20	19.7		
	100	100		

Calibration Check

Time Start 1320 Time Finish 1330

Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
pH (SU)	4.00	4.00	23.3	± 0.1	GWMP
pH (SU)	7.00	7.00	22.6	± 0.1	GWMP
pH (SU)	10.00	10.00	23.2	± 0.1	GWMP
Specific Conductance (µS/cm)	1,413	1413	22.9	± 10% of standard	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	0	0.3	± 10% of standard	EPA 2023
	10	10.0		
	20	20.0		
	100	100		

Field Instrumentation Calibration Form

ATLANTIC COAST CONSULTING, INC.

Site Name: WAN AP

Date: 2/11/26

Calibrated By: H. Auld

Field Conditions: cloudy, 60

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	AquaTroll 500	183990
Turbidity Meter	HACH 2100Q	23010200373

Calibration Standard Information

Parameter	Standard	Lot #	Date of Expiration	Brand
D.O. (%)	N/A	DI H_2O	N/A	N/A
pH (SU)	4.00	50E0612	7/27	PINE
pH (SU)	7.00	46D1667	4/26	PINE
pH (SU)	10.00	46L0600	3/26	PINE
Specific Conductance (µS/cm)	1,413	36L0759	9/26	PINE
ORP (mV)	240.0	56L0391	6/26	PINE

	Standard	Lot #	Date of Expiration	Brand
Turbidity (NTU)	0	DI H_2O	N/A	N/A
	10	A5092	5/26	HACH
	20	A9309	02/26	HACH
	100	A9306	2/26	HACH

Calibration

Time Start: 0845 Time Finish: 0900

Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
D.O. (%)	N/A	100%	15.1	± 10%	EPA 2023
pH (SU)	4.00	4.00	14.8	± 0.1	GWMP
pH (SU)	7.00	7.04	14.7	± 0.1	GWMP
pH (SU)	10.00	10.1	14.6	± 0.1	GWMP
Specific Conductance (µS/cm)	1,413	1413	15.0	± 10% of standard	NA
ORP (mV)	240.0	243	14.6	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	0	0.2	± 10% of standard	EPA 2023
	10	10.0		
	20	20.0		
	100	100		

Calibration Check

Time Start 1255 Time Finish 1305

Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
pH (SU)	4.00	4.03	17.1	± 0.1	GWMP
pH (SU)	7.00	6.99	16.8	± 0.1	GWMP
pH (SU)	10.00	10.04	16.3	± 0.1	GWMP
Specific Conductance (µS/cm)	1,413	1422	17.0	± 10% of standard	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	0	0.2	± 10% of standard	EPA 2023
	10	10.0		
	20	20.1		
	100	99		

Field Instrumentation Calibration Form

Atlantic Coast Consulting, Inc.

Site Name: WAN AP

Date: 2-12-26

Calibrated By: HA

Field Conditions: clear, 43°F

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	Aquatroll 500	1183990
Turbidity Meter	HACH 2100 Q	23100D000373

Calibration Standard Information

Parameter	Standard	Lot #	Date of Expiration	Brand
D.O. (%)	N/A	DI H_2O	N/A	N/A
pH (SU)	4.00	5GE0612	6/27	PINE
pH (SU)	7.00	4GD1667	4/26	PINE
pH (SU)	10.00	4GC0600	3/26	PINE
Specific Conductance (µS/cm)	1,413	5GI0959	9/26	PINE
ORP (mV)	240.0	5GI0371	6/26	PINE

	Standard	Lot #	Date of Expiration	Brand
Turbidity (NTU)	0	DI H_2O	N/A	N/A
	10	A5042	5/26	HACH
	20	A4309	2/26	HACH
	100	A4306	2/26	HACH

Calibration

Time Start: 0830 Time Finish: 0900

Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
D.O. (%)	N/A	100%	4.5	± 10%	EPA 2023
pH (SU)	4.00	4.00	4.1	± 0.1	GWMP
pH (SU)	7.00	7.06	4.4	± 0.1	GWMP
pH (SU)	10.00	10.1	4.5	± 0.1	GWMP
Specific Conductance (µS/cm)	1,413	1413	4.7	± 10% of standard	NA
ORP (mV)	240.0	256	4.6	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	0	0.2	± 10% of standard	EPA 2023
	10	10		
	20	20		
	100	100		

Calibration Check

Time Start Time Finish

Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
pH (SU)	4.00			± 0.1	GWMP
pH (SU)	7.00			± 0.1	GWMP
pH (SU)	10.00			± 0.1	GWMP
Specific Conductance (µS/cm)	1,413			± 10% of standard	EPA 2023

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

Field Instrumentation Calibration Form

ATLANTIC COAST CONSULTING, INC.

Site Name: Plant Wansley AP-1 Date: 2/9/26

Calibrated By: D. Johnson Field Conditions: Sunny, 60°F

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	Aqua Troll 500	1235093
Turbidity Meter	Hach 2100 Q	22090 D000086

Calibration Standard Information

Parameter	Standard	Lot #	Date of Expiration	Brand
D.O. (%)	N/A	DI H_2O	N/A	N/A
pH (SU)	4.00	5GI0399	9/27	PINE
pH (SU)	7.00	8G150631	11/27	PINE
pH (SU)	10.00	5GI0401	9/27	PINE
Specific Conductance (µS/cm)	1,413	5GI0989	9/26	PINE
ORP (mV)	240.0	5GI0371	6/26	PINE

	Standard	Lot #	Date of Expiration	Brand
Turbidity (NTU)	0	DI H_2O	N/A	N/A
	10	A5203	11/26	HACH
	20	A4910	11/26	HACH
	100	A4784	11/26	HACH

Calibration

Time Start: 1209 Time Finish: 1223

Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
D.O. (%)	N/A	100.5	20.03	± 10%	EPA 2023
pH (SU)	4.00	4.00	15.45	± 0.1	GWMP
pH (SU)	7.00	7.04	15.33	± 0.1	GWMP
pH (SU)	10.00	10.1	15.93	± 0.1	GWMP
Specific Conductance (µS/cm)	1,413	1413	20.02	± 10% of standard	NA
ORP (mV)	240.0	242.0	15.13	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	0	0.25	± 10% of standard	EPA 2023
	10	10.2		
	20	20.1		
	100	101		

Calibration Check

Time Start Time Finish

Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
pH (SU)	4.00			± 0.1	GWMP
pH (SU)	7.00			± 0.1	GWMP
pH (SU)	10.00			± 0.1	GWMP
Specific Conductance (µS/cm)	1,413			± 10% of standard	EPA 2023

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

Field Instrumentation Calibration Form

ATLANTIC COAST CONSULTING, INC.

Site Name: Plant Wansley AP-1 Date: 2/10/26

Calibrated By: D. Johnson Field Conditions: Cloudy, 50°F

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	Aqua Troll 500	1235093
Turbidity Meter	Hach 2100Q	22090DC00086

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
D.O. (%)	N/A	DI H_2O	N/A	N/A
pH (SU)	4.00	5GI0399	9/27	PINE
pH (SU)	7.00	5GK0631	11/27	PINE
pH (SU)	10.00	5GI0401	9/27	PINE
Specific Conductance (µS/cm)	1,413	5GI0959	9/26	PINE
ORP (mV)	240.0	5GI0371	6/26	PINE

	Standard	Lot #	Date of Expiration	Brand
Turbidity (NTU)	0	DI H_2O	N/A	N/A
	10	A8042	8/26	HACH
	20	A4309	2/26	HACH
	100	A4306	2/26	HACH

Calibration					
Time Start: 0832		Time Finish: 0845			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
D.O. (%)	N/A	97.25	10.63	± 10%	EPA 2023
pH (SU)	4.00	4.00	10.07	± 0.1	GWMP
pH (SU)	7.00	7.06	10.01	± 0.1	GWMP
pH (SU)	10.00	10.1	10.28	± 0.1	GWMP
Specific Conductance (µS/cm)	1,413	1409	10.11	± 10% of standard	NA
ORP (mV)	240.0	248.5	10.13	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	0	0.23	± 10% of standard	EPA 2023
	10	9.93		
	20	20.2		
	100	101		

Calibration Check					
Time Start 1147		Time Finish 1151			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
pH (SU)	4.00	4.06	14.13	± 0.1	GWMP
pH (SU)	7.00	7.04	14.31	± 0.1	GWMP
pH (SU)	10.00	10.01	14.25	± 0.1	GWMP
Specific Conductance (µS/cm)	1,413	1415	15.44	± 10% of standard	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	0	0.21	± 10% of standard	EPA 2023
	10	10.0		
	20	20.1		
	100	100		

Field Instrumentation Calibration Form

ATLANTIC COAST CONSULTING, INC.

Site Name: Plant Wansley AP-1 Date: 2/11/24

Calibrated By: D. Johnson Field Conditions: Cloudy, 58°F

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	Aqua Troll 500	1235093
Turbidity Meter	Hach 2100Q	22090D000086

Calibration Standard Information

Parameter	Standard	Lot #	Date of Expiration	Brand
D.O. (%)	N/A	DI H_2O	N/A	N/A
pH (SU)	4.00	5G70399	9/27	PINE
pH (SU)	7.00	5GK0631	11/27	PINE
pH (SU)	10.00	5G70401	9/27	PINE
Specific Conductance (µS/cm)	1,413	5G70959	9/26	PINE
ORP (mV)	240.0	5G70371	6/26	PINE

	Standard	Lot #	Date of Expiration	Brand
Turbidity (NTU)	0	DI H_2O	N/A	N/A
	10	A8042	5/26	HACH
	20	A4309	2/26	HACH
	100	A4306	2/26	HACH

Calibration

Time Start: 0845 Time Finish: 0900

Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
D.O. (%)	N/A	102.6	16.88	± 10%	EPA 2023
pH (SU)	4.00	4.00	14.94	± 0.1	GWMP
pH (SU)	7.00	7.04	15.10	± 0.1	GWMP
pH (SU)	10.00	10.1	15.30	± 0.1	GWMP
Specific Conductance (µS/cm)	1,413	1420	17.02	± 10% of standard	NA
ORP (mV)	240.0	241.1	15.02	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	0	0.20	± 10% of standard	EPA 2023
	10	9.99		
	20	20.3		
	100	99.0		

Calibration Check

Time Start 1340 Time Finish 1347

Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
pH (SU)	4.00	4.02	19.77	± 0.1	GWMP
pH (SU)	7.00	7.00	19.56	± 0.1	GWMP
pH (SU)	10.00	10.06	19.82	± 0.1	GWMP
Specific Conductance (µS/cm)	1,413	1415	20.23	± 10% of standard	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	0	0.21	± 10% of standard	EPA 2023
	10	10.0		
	20	20.1		
	100	100		

Field Instrumentation Calibration Form

ATLANTIC COAST CONSULTING, INC.

Site Name: Plant Wansley AP1 Date: 2/12/26

Calibrated By: D. Johnson Field Conditions: Sunny, 39°F

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	Aqua Troll 600	1235093
Turbidity Meter	Hach 2100Q	22090D00000086

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
D.O. (%)	N/A	DI H_2O	N/A	N/A
pH (SU)	4.00	5GI0399	9/27	PINE
pH (SU)	7.00	5GI0631	11/27	PINE
pH (SU)	10.00	5GI0401	9/27	PINE
Specific Conductance (µS/cm)	1,413	5GI0959	9/26	PINE
ORP (mV)	240.0	5GI0371	6/26	PINE

	Standard	Lot #	Date of Expiration	Brand
Turbidity (NTU)	0	DI H_2O	N/A	N/A
	10	195203	11/26	HACH
	20	141290	11/26	HACH
	100	144284	11/26	HACH

Calibration					
Time Start: 0830		Time Finish: 0847			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
D.O. (%)	N/A	99.24	6.77	± 10%	EPA 2023
pH (SU)	4.00	4.00	6.01	± 0.1	GWMP
pH (SU)	7.00	7.06	5.97	± 0.1	GWMP
pH (SU)	10.00	10.01	5.79	± 0.1	GWMP
Specific Conductance (µS/cm)	1,413	1420	5.96	± 10% of standard	NA
ORP (mV)	240.0	245.2	5.82	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	0	0.19	± 10% of standard	EPA 2023
	10	9.99		
	20	20.1		
	100	100		

Calibration Check					
Time Start 1332		Time Finish 1340			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
pH (SU)	4.00	4.01	20.11	± 0.1	GWMP
pH (SU)	7.00	7.00	20.82	± 0.1	GWMP
pH (SU)	10.00	10.06	21.00	± 0.1	GWMP
Specific Conductance (µS/cm)	1,413	1410	20.57	± 10% of standard	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	0	0.20	± 10% of standard	EPA 2023
	10	10.1		
	20	20.0		
	100	100		

Field Instrumentation Calibration Form

ATLANTIC COAST CONSULTING, INC.

Site Name: Plant Wansley AP1 Date: 2/13/26

Calibrated By: D. Johnson Field Conditions: Sunny 42°F

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	Aqua Troll 600	1235093
Turbidity Meter	Hach 2100 Q	22090D000056

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
D.O. (%)	N/A	DI H_2O	N/A	N/A
pH (SU)	4.00	5GI0399	9/27	PINE
pH (SU)	7.00	5GI50631	11/27	PINE
pH (SU)	10.00	5GI0401	9/27	PINE
Specific Conductance (µS/cm)	1,413	8GI0959	9/26	PINE
ORP (mV)	240.0	8GI0371	6/26	PINE

	Standard	Lot #	Date of Expiration	Brand
Turbidity (NTU)	0	DI H_2O	N/A	N/A
	10	A5042	11/26	HACH
	20	A4309	11/26	HACH
	100	A4306	11/26	HACH

Calibration					
Time Start: 0838		Time Finish: 0854			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
D.O. (%)	N/A	98.75	11.26	± 10%	EPA 2023
pH (SU)	4.00	4.00	7.73	± 0.1	GWMP
pH (SU)	7.00	7.06	8.06	± 0.1	GWMP
pH (SU)	10.00	10.1	8.11	± 0.1	GWMP
Specific Conductance (µS/cm)	1,413	1412	11.37	± 10% of standard	NA
ORP (mV)	240.0	242	5.82	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	0	0.27	± 10% of standard	EPA 2023
	10	9.94		
	20	20.2		
	100	98.7		

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

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

Field Instrumentation Calibration Form

ATLANTIC COAST CONSULTING, INC.

Site Name: Plant Wansley AP

Date: 02-13-26

Calibrated By: J. May

Field Conditions: Sunny, 40s

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	AquaTroll 500	1183974
Turbidity Meter	Hach 2100Q	21030D000601

Calibration Standard Information

Parameter	Standard	Lot #	Date of Expiration	Brand
D.O. (%)	N/A	DI H_2O	N/A	N/A
pH (SU)	4.00	5G10399	09/27	PINE
pH (SU)	7.00	5GK0031	11/27	PINE
pH (SU)	10.00	5G10401	09/27	PINE
Specific Conductance (µS/cm)	1,413	5G10959	09/26	PINE
ORP (mV)	240.0	5G10371	06/26	PINE

	Standard	Lot #	Date of Expiration	Brand
Turbidity (NTU)	0	DI H_2O	N/A	N/A
	10	A5042	05/26	HACH
	20	A4309	02/26	HACH
	100	A4306	02/26	HACH

Calibration

Time Start: 0835 Time Finish: 0850

Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
D.O. (%)	N/A	100.0	9.395	± 10%	EPA 2023
pH (SU)	4.00	4.00	7.224	± 0.1	GWMP
pH (SU)	7.00	7.06	6.790	± 0.1	GWMP
pH (SU)	10.00	10.14	6.948	± 0.1	GWMP
Specific Conductance (µS/cm)	1,413	1413.0	6.527	± 10% of standard	NA
ORP (mV)	~~240.0~~ 253.0	251.4	6.736	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	0	0.28	± 10% of standard	EPA 2023
	10	10.3		
	20	20.2		
	100	100		

Calibration Check

Time Start Time Finish

Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
pH (SU)	4.00			± 0.1	GWMP
pH (SU)	7.00			± 0.1	GWMP
pH (SU)	10.00			± 0.1	GWMP
Specific Conductance (µS/cm)	1,413			± 10% of standard	EPA 2023

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

Low-Flow Test Report:

Test Date / Time: 5/19/2026 11:01:21 AM
Project: Plant Wansley Ash Pond
Operator Name: D. Johnson N.Nance

Location Name: WGWC-8A **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 71.83 ft** **Total Depth: 81.83 ft** **Initial Depth to Water: 31.25 ft**	**Pump Type: Portable bladder pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 73.33 ft** **Estimated Total Volume Pumped: 33356.668 ml** **Flow Cell Volume: 130 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 44.08 ft**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1183974**

Test Notes:
Well purged dry. Allow or overnight recharge. Return 5/20.
Log 1

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 3	+/- 5 %	+/- 10 %	+/- 10	+/- 25	+/- 0.3	
5/19/2026 11:01 AM	00:00	6.789 pH	20.89 °C	427.1 µS/cm	1.209 mg/L	250.0 NTU	-36.6 mV	31.25 ft	100.0 ml/min
5/19/2026 11:06 AM	05:00	6.885 pH	20.30 °C	427.8 µS/cm	0.521 mg/L	73.10 NTU	-55.7 mV	32.80 ft	100.0 ml/min
5/19/2026 11:11 AM	10:00	6.943 pH	20.42 °C	425.3 µS/cm	0.394 mg/L	936.0 NTU	-69.4 mV	33.39 ft	200.0 ml/min
5/19/2026 11:16 AM	15:00	6.958 pH	20.17 °C	428.2 µS/cm	0.295 mg/L	179.0 NTU	-77.9 mV	35.73 ft	200.0 ml/min
5/19/2026 11:21 AM	20:00	6.943 pH	19.92 °C	427.2 µS/cm	0.257 mg/L	65.40 NTU	-82.4 mV	36.41 ft	200.0 ml/min
5/19/2026 11:26 AM	25:00	6.940 pH	20.29 °C	430.1 µS/cm	0.242 mg/L	40.30 NTU	-87.7 mV	37.81 ft	200.0 ml/min
5/19/2026 11:31 AM	30:00	6.948 pH	20.03 °C	428.5 µS/cm	0.228 mg/L	18.20 NTU	-91.9 mV	39.55 ft	200.0 ml/min
5/19/2026 11:36 AM	35:00	6.950 pH	19.92 °C	426.7 µS/cm	0.207 mg/L	10.30 NTU	-95.6 mV	40.56 ft	200.0 ml/min
5/19/2026 11:41 AM	40:00	6.953 pH	19.68 °C	426.3 µS/cm	0.203 mg/L	8.340 NTU	-98.5 mV	41.85 ft	200.0 ml/min
5/19/2026 11:46 AM	45:00	6.947 pH	20.14 °C	424.9 µS/cm	0.199 mg/L	7.210 NTU	-101.3 mV	43.19 ft	200.0 ml/min
5/19/2026 11:51 AM	50:00	6.945 pH	19.94 °C	424.3 µS/cm	0.186 mg/L	8.100 NTU	-102.8 mV	44.62 ft	200.0 ml/min
5/19/2026 11:56 AM	55:00	6.940 pH	19.86 °C	423.7 µS/cm	0.181 mg/L	5.910 NTU	-106.1 mV	46.10 ft	200.0 ml/min
5/19/2026 12:01 PM	01:00:00	6.926 pH	20.15 °C	420.7 µS/cm	0.179 mg/L	3.250 NTU	-109.7 mV	47.72 ft	200.0 ml/min
5/19/2026 12:06 PM	01:05:00	6.902 pH	20.18 °C	413.8 µS/cm	0.170 mg/L	3.990 NTU	-113.7 mV	49.07 ft	200.0 ml/min

5/19/2026 12:11 PM	01:10:00	6.881 pH	20.12 °C	411.1 µS/cm	0.166 mg/L	2.850 NTU	-117.8 mV	50.94 ft	200.0 ml/min
5/19/2026 12:16 PM	01:15:00	6.868 pH	20.15 °C	409.6 µS/cm	0.164 mg/L	2.930 NTU	-120.8 mV	52.62 ft	200.0 ml/min
5/19/2026 12:21 PM	01:20:00	6.853 pH	20.40 °C	409.7 µS/cm	0.164 mg/L	2.700 NTU	-122.9 mV	53.27 ft	200.0 ml/min
5/19/2026 12:26 PM	01:25:00	6.841 pH	20.35 °C	408.6 µS/cm	0.167 mg/L	3.430 NTU	-124.8 mV	54.56 ft	200.0 ml/min
5/19/2026 12:31 PM	01:30:00	6.839 pH	20.55 °C	408.1 µS/cm	0.180 mg/L	3.450 NTU	-125.7 mV	55.87 ft	200.0 ml/min
5/19/2026 12:36 PM	01:35:00	6.852 pH	20.53 °C	408.0 µS/cm	0.190 mg/L	3.550 NTU	-124.9 mV	57.54 ft	200.0 ml/min
5/19/2026 12:41 PM	01:40:00	6.840 pH	20.54 °C	407.2 µS/cm	0.232 mg/L	3.150 NTU	-122.1 mV	55.51 ft	200.0 ml/min
5/19/2026 12:46 PM	01:45:00	6.835 pH	20.67 °C	407.8 µS/cm	0.313 mg/L	4.440 NTU	-116.3 mV	58.32 ft	200.0 ml/min
5/19/2026 12:51 PM	01:50:00	6.838 pH	20.52 °C	407.3 µS/cm	0.438 mg/L	6.020 NTU	-107.6 mV	61.27 ft	200.0 ml/min
5/19/2026 12:56 PM	01:55:00	6.839 pH	20.20 °C	406.6 µS/cm	0.623 mg/L	8.430 NTU	-97.0 mV	63.03 ft	200.0 ml/min
5/19/2026 1:01 PM	02:00:00	6.828 pH	20.79 °C	407.3 µS/cm	0.875 mg/L	11.20 NTU	-85.1 mV	64.11 ft	200.0 ml/min
5/19/2026 1:06 PM	02:05:00	6.828 pH	20.25 °C	406.7 µS/cm	1.120 mg/L	13.30 NTU	-72.1 mV	64.87 ft	200.0 ml/min
5/19/2026 1:11 PM	02:10:00	6.832 pH	20.04 °C	406.1 µS/cm	1.381 mg/L	15.50 NTU	-60.9 mV	66.97 ft	200.0 ml/min
5/19/2026 1:16 PM	02:15:00	6.830 pH	20.08 °C	406.7 µS/cm	1.588 mg/L	16.90 NTU	-51.0 mV	68.02 ft	200.0 ml/min
5/19/2026 1:18 PM	02:16:47	6.813 pH	20.51 °C	408.1 µS/cm	1.638 mg/L	17.40 NTU	-48.0 mV	69.51 ft	200.0 ml/min
5/19/2026 1:23 PM	02:21:47	6.825 pH	20.01 °C	407.6 µS/cm	1.811 mg/L	18.00 NTU	-39.9 mV	70.43 ft	200.0 ml/min
5/19/2026 1:28 PM	02:26:47	6.826 pH	19.89 °C	409.8 µS/cm	2.037 mg/L	19.10 NTU	-33.6 mV	71.36 ft	200.0 ml/min
5/19/2026 1:33 PM	02:31:47	6.818 pH	20.55 °C	413.7 µS/cm	2.156 mg/L	17.50 NTU	-29.7 mV	71.98 ft	200.0 ml/min
5/19/2026 1:38 PM	02:36:47	6.824 pH	20.65 °C	412.9 µS/cm	2.169 mg/L	16.20 NTU	-26.1 mV	72.43 ft	200.0 ml/min
5/19/2026 1:43 PM	02:41:47	6.821 pH	20.66 °C	426.8 µS/cm	2.045 mg/L	13.70 NTU	-26.1 mV	73.04 ft	200.0 ml/min
5/19/2026 1:48 PM	02:46:47	6.859 pH	20.69 °C	444.1 µS/cm	1.428 mg/L	12.50 NTU	-35.3 mV	74.82 ft	200.0 ml/min
5/19/2026 1:53 PM	02:51:47	6.886 pH	20.61 °C	445.2 µS/cm	0.983 mg/L	15.10 NTU	-44.9 mV	75.33 ft	200.0 ml/min

Samples

Sample ID:	Description:

Low-Flow Test Report:

Test Date / Time: 5/20/2026 11:06:43 AM
Project: Plant Wansley Ash Pond
Operator Name: Dever Johnson

Location Name: WGWC-8A **Latitude: 33.41449610323316** **Longitude: -85.04188642710068** **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 71.83 ft** **Total Depth: 81.83 ft** **Initial Depth to Water: 49.01 ft**	**Pump Type: Portable Bladder Pump** **Tubing Type: Poly** **Pump Intake From TOC: 77.5 ft** **Estimated Total Volume Pumped: 2500 ml** **Flow Cell Volume: 130 ml** **Final Flow Rate: 100 ml/min** **Final Draw Down: 3.3 ft**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1235076**

Test Notes:
sample time 1132. log 2 of 2.
sunny, 81 degrees F.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 100	+/- 5 %	+/- 10 %	+/- 10	+/- 25	+/- 0.3	
5/20/2026 11:06 AM	00:00	6.146 pH	27.93 °C	467.3 µS/cm	6.864 mg/L	57.40 NTU	22.1 mV	49.01 ft	100.0 ml/min
5/20/2026 11:11 AM	05:00	6.170 pH	25.51 °C	430.4 µS/cm	2.559 mg/L	21.10 NTU	-6.6 mV	49.90 ft	100.0 ml/min
5/20/2026 11:16 AM	10:00	6.126 pH	25.77 °C	423.2 µS/cm	1.630 mg/L	10.00 NTU	-2.0 mV	50.66 ft	100.0 ml/min
5/20/2026 11:21 AM	15:00	6.139 pH	25.60 °C	416.6 µS/cm	1.413 mg/L	5.690 NTU	-4.7 mV	51.02 ft	100.0 ml/min
5/20/2026 11:26 AM	20:00	6.138 pH	25.41 °C	411.8 µS/cm	1.339 mg/L	4.960 NTU	-4.4 mV	51.87 ft	100.0 ml/min
5/20/2026 11:31 AM	25:00	6.066 pH	25.62 °C	413.3 µS/cm	1.327 mg/L	4.840 NTU	0.2 mV	52.31 ft	100.0 ml/min

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 5/21/2026 11:55:17 AM
Project: Plant Wansley Ash Pond
Operator Name: J. May

Location Name: WGWC-30 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 23.5 ft** **Total Depth: 33.5 ft** **Initial Depth to Water: 22.5 ft**	**Pump Type: Peristaltic Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 28.5 ft** **Estimated Total Volume Pumped: 9 liter** **Flow Cell Volume: 130 ml** **Final Flow Rate: 300 ml/min** **Final Draw Down: 9.6 in**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1183990**

Test Notes:
Sample Time: 1225
Cloudy, 70s
FD-10 here

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 3	+/- 5 %	+/- 10 %	+/- 10	+/- 25	+/- 0.3	
5/21/2026 11:55 AM	00:00	6.194 pH	26.80 °C	32.18 µS/cm	5.663 mg/L	18.60 NTU	128.1 mV	22.50 ft	300.0 ml/min
5/21/2026 12:00 PM	05:00	5.532 pH	19.36 °C	23.82 µS/cm	5.836 mg/L	6.900 NTU	115.9 mV	23.00 ft	300.0 ml/min
5/21/2026 12:05 PM	10:00	5.510 pH	18.86 °C	23.84 µS/cm	5.400 mg/L	4.320 NTU	116.8 mV	23.20 ft	300.0 ml/min
5/21/2026 12:10 PM	15:00	5.500 pH	18.67 °C	23.49 µS/cm	4.834 mg/L	3.560 NTU	118.1 mV	23.20 ft	300.0 ml/min
5/21/2026 12:15 PM	20:00	5.463 pH	18.73 °C	22.41 µS/cm	6.087 mg/L	2.980 NTU	119.2 mV	23.30 ft	300.0 ml/min
5/21/2026 12:20 PM	25:00	5.446 pH	18.68 °C	22.31 µS/cm	6.099 mg/L	2.250 NTU	121.0 mV	23.30 ft	300.0 ml/min
5/21/2026 12:25 PM	30:00	5.433 pH	18.68 °C	22.43 µS/cm	6.143 mg/L	2.160 NTU	124.4 mV	23.30 ft	300.0 ml/min

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 5/20/2026 9:40:12 AM
Project: Plant Wansley Ash Pond
Operator Name: J. May

Location Name: WGWC-31D **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 80.4 ft** **Total Depth: 90.4 ft** **Initial Depth to Water: 44.16 ft**	**Pump Type: Portable Bladder Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 85.4 ft** **Estimated Total Volume Pumped: 33.75 liter** **Flow Cell Volume: 130 ml** **Final Flow Rate: 250 ml/min** **Final Draw Down: 434.88 in**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1183990**

Test Notes:
Well purged dry @ 1155. Allow for overnight recharge.
Sunny, 80s

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 3	+/- 5 %	+/- 10 %	+/- 10	+/- 25	+/- 0.3	
5/20/2026 9:40 AM	00:00	7.103 pH	24.78 °C	321.6 µS/cm	4.490 mg/L	5.680 NTU	183.2 mV	40.56 ft	250.0 ml/min
5/20/2026 9:45 AM	05:00	7.501 pH	20.64 °C	245.5 µS/cm	1.037 mg/L	11.20 NTU	174.5 mV	42.60 ft	250.0 ml/min
5/20/2026 9:50 AM	10:00	7.595 pH	20.31 °C	246.9 µS/cm	0.722 mg/L	12.10 NTU	173.1 mV	43.90 ft	250.0 ml/min
5/20/2026 9:55 AM	15:00	7.631 pH	20.23 °C	245.8 µS/cm	0.724 mg/L	15.60 NTU	172.2 mV	45.00 ft	250.0 ml/min
5/20/2026 10:00 AM	20:00	7.629 pH	20.35 °C	244.8 µS/cm	0.732 mg/L	13.00 NTU	169.9 mV	46.80 ft	250.0 ml/min
5/20/2026 10:05 AM	25:00	7.622 pH	20.47 °C	244.7 µS/cm	0.721 mg/L	12.00 NTU	168.3 mV	47.90 ft	250.0 ml/min
5/20/2026 10:10 AM	30:00	7.619 pH	20.59 °C	244.2 µS/cm	0.714 mg/L	11.20 NTU	166.6 mV	48.90 ft	250.0 ml/min
5/20/2026 10:15 AM	35:00	7.613 pH	20.65 °C	244.1 µS/cm	0.696 mg/L	10.10 NTU	165.6 mV	51.10 ft	250.0 ml/min
5/20/2026 10:20 AM	40:00	7.610 pH	20.69 °C	243.2 µS/cm	0.691 mg/L	9.090 NTU	164.5 mV	52.70 ft	250.0 ml/min
5/20/2026 10:25 AM	45:00	7.603 pH	20.75 °C	242.8 µS/cm	0.685 mg/L	8.970 NTU	163.0 mV	53.80 ft	250.0 ml/min
5/20/2026 10:30 AM	50:00	7.594 pH	20.59 °C	241.1 µS/cm	0.686 mg/L	8.890 NTU	161.7 mV	54.90 ft	250.0 ml/min
5/20/2026 10:35 AM	55:00	7.578 pH	21.05 °C	240.1 µS/cm	0.685 mg/L	8.850 NTU	161.0 mV	56.10 ft	250.0 ml/min
5/20/2026 10:40 AM	01:00:00	7.583 pH	21.10 °C	240.2 µS/cm	0.702 mg/L	8.800 NTU	159.7 mV	57.30 ft	250.0 ml/min
5/20/2026 10:45 AM	01:05:00	7.599 pH	21.24 °C	240.4 µS/cm	0.707 mg/L	8.610 NTU	158.6 mV	58.50 ft	250.0 ml/min

5/20/2026 10:50 AM	01:10:00	7.634 pH	21.03 °C	241.2 µS/cm	0.730 mg/L	8.500 NTU	156.3 mV	59.90 ft	250.0 ml/min
5/20/2026 10:55 AM	01:15:00	7.636 pH	21.24 °C	239.7 µS/cm	0.739 mg/L	8.430 NTU	155.1 mV	60.80 ft	250.0 ml/min
5/20/2026 11:00 AM	01:20:00	7.633 pH	21.12 °C	240.0 µS/cm	0.755 mg/L	8.340 NTU	153.8 mV	61.90 ft	250.0 ml/min
5/20/2026 11:05 AM	01:25:00	7.637 pH	21.10 °C	239.1 µS/cm	0.761 mg/L	8.200 NTU	152.6 mV	63.10 ft	250.0 ml/min
5/20/2026 11:10 AM	01:30:00	7.632 pH	21.19 °C	239.3 µS/cm	0.782 mg/L	8.120 NTU	151.3 mV	64.50 ft	250.0 ml/min
5/20/2026 11:15 AM	01:35:00	7.631 pH	21.27 °C	238.8 µS/cm	0.806 mg/L	7.890 NTU	150.2 mV	65.80 ft	250.0 ml/min
5/20/2026 11:20 AM	01:40:00	7.638 pH	20.93 °C	237.6 µS/cm	0.824 mg/L	7.740 NTU	149.3 mV	67.50 ft	250.0 ml/min
5/20/2026 11:25 AM	01:45:00	7.610 pH	21.00 °C	234.8 µS/cm	0.862 mg/L	7.650 NTU	149.0 mV	70.30 ft	250.0 ml/min
5/20/2026 11:30 AM	01:50:00	7.651 pH	21.34 °C	238.1 µS/cm	0.940 mg/L	7.600 NTU	146.3 mV	72.10 ft	250.0 ml/min
5/20/2026 11:35 AM	01:55:00	7.601 pH	21.17 °C	237.8 µS/cm	0.994 mg/L	8.450 NTU	147.9 mV	73.80 ft	250.0 ml/min
5/20/2026 11:40 AM	02:00:00	7.649 pH	20.88 °C	236.8 µS/cm	1.046 mg/L	9.120 NTU	144.9 mV	75.90 ft	250.0 ml/min
5/20/2026 11:45 AM	02:05:00	7.626 pH	20.85 °C	236.1 µS/cm	1.079 mg/L	9.550 NTU	145.4 mV	77.60 ft	250.0 ml/min
5/20/2026 11:50 AM	02:10:00	7.648 pH	20.50 °C	235.6 µS/cm	1.121 mg/L	9.830 NTU	143.6 mV	79.00 ft	250.0 ml/min
5/20/2026 11:55 AM	02:15:00	7.662 pH	20.96 °C	237.2 µS/cm	1.190 mg/L	11.20 NTU	142.1 mV	80.40 ft	250.0 ml/min

Samples

Sample ID:	Description:

Low-Flow Test Report:

Test Date / Time: 5/21/2026 9:18:04 AM
Project: Plant Wansley Ash Pond
Operator Name: J. May

Location Name: WGWC-31D **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 80.4 ft** **Total Depth: 90.4 ft** **Initial Depth to Water: 80.16 ft**	**Pump Type: Portable Bladder Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 85.4 ft** **Estimated Total Volume Pumped: 4.875 liter** **Flow Cell Volume: 130 ml** **Final Flow Rate: 75 ml/min** **Final Draw Down: 30.48 in**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1183990**

Test Notes:
Sample Time: 1023
Sampled after overnight recharge.
Cloudy, 70s

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 3	+/- 5 %	+/- 10 %	+/- 10	+/- 25	+/- 0.3	
5/21/2026 9:18 AM	00:00	7.296 pH	22.81 °C	264.2 µS/cm	7.638 mg/L	25.50 NTU	183.7 mV	80.16 ft	75.00 ml/min
5/21/2026 9:23 AM	05:00	7.565 pH	21.23 °C	239.0 µS/cm	5.833 mg/L	43.50 NTU	172.8 mV	80.30 ft	75.00 ml/min
5/21/2026 9:28 AM	10:00	7.636 pH	20.88 °C	242.9 µS/cm	2.220 mg/L	60.00 NTU	168.0 mV	80.50 ft	75.00 ml/min
5/21/2026 9:33 AM	15:00	7.648 pH	20.94 °C	245.4 µS/cm	1.230 mg/L	50.30 NTU	164.7 mV	80.70 ft	75.00 ml/min
5/21/2026 9:38 AM	20:00	7.651 pH	20.85 °C	244.3 µS/cm	0.880 mg/L	41.70 NTU	161.9 mV	80.90 ft	75.00 ml/min
5/21/2026 9:43 AM	25:00	7.654 pH	20.97 °C	243.8 µS/cm	0.770 mg/L	33.30 NTU	159.7 mV	81.10 ft	75.00 ml/min
5/21/2026 9:48 AM	30:00	7.655 pH	21.07 °C	243.2 µS/cm	0.677 mg/L	28.70 NTU	156.9 mV	81.30 ft	75.00 ml/min
5/21/2026 9:53 AM	35:00	7.644 pH	21.36 °C	242.2 µS/cm	0.616 mg/L	23.40 NTU	154.4 mV	81.50 ft	75.00 ml/min
5/21/2026 9:58 AM	40:00	7.643 pH	21.53 °C	242.3 µS/cm	0.603 mg/L	19.20 NTU	152.2 mV	81.70 ft	75.00 ml/min
5/21/2026 10:03 AM	45:00	7.637 pH	21.80 °C	241.9 µS/cm	0.594 mg/L	16.10 NTU	150.7 mV	81.90 ft	75.00 ml/min
5/21/2026 10:08 AM	50:00	7.633 pH	21.84 °C	240.2 µS/cm	0.575 mg/L	14.60 NTU	149.2 mV	82.10 ft	75.00 ml/min
5/21/2026 10:13 AM	55:00	7.637 pH	21.96 °C	239.7 µS/cm	0.633 mg/L	11.40 NTU	147.0 mV	82.30 ft	75.00 ml/min
5/21/2026 10:18 AM	01:00:00	7.658 pH	22.17 °C	237.4 µS/cm	0.809 mg/L	10.40 NTU	144.9 mV	82.50 ft	75.00 ml/min
5/21/2026 10:23 AM	01:05:00	7.663 pH	22.07 °C	235.4 µS/cm	0.990 mg/L	8.000 NTU	143.2 mV	82.70 ft	75.00 ml/min

Samples

Sample ID:	Description:

Low-Flow Test Report:

Test Date / Time: 5/19/2026 3:34:17 PM
Project: Plant Wansley Ash Pond
Operator Name: J. May

Location Name: WGWC-31S **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 32.57 ft** **Total Depth: 42.57 ft** **Initial Depth to Water: 21.64 ft**	**Pump Type: Peristaltic Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 37.57 ft** **Estimated Total Volume Pumped: 5 liter** **Flow Cell Volume: 130 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 5.52 in**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1183990**

Test Notes:
Sample Time: 1559
Sunny, 80s

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 3	+/- 5 %	+/- 10 %	+/- 10	+/- 25	+/- 0.3	
5/19/2026 3:34 PM	00:00	5.582 pH	28.01 °C	51.51 µS/cm	5.165 mg/L	15.40 NTU	157.7 mV	21.64 ft	200.0 ml/min
5/19/2026 3:39 PM	05:00	5.466 pH	21.64 °C	53.51 µS/cm	3.506 mg/L	10.50 NTU	162.3 mV	21.90 ft	200.0 ml/min
5/19/2026 3:44 PM	10:00	5.439 pH	21.62 °C	53.64 µS/cm	3.449 mg/L	5.150 NTU	164.3 mV	22.10 ft	200.0 ml/min
5/19/2026 3:49 PM	15:00	5.385 pH	21.28 °C	53.55 µS/cm	3.407 mg/L	3.970 NTU	168.2 mV	22.10 ft	200.0 ml/min
5/19/2026 3:54 PM	20:00	5.410 pH	21.25 °C	53.47 µS/cm	3.419 mg/L	2.600 NTU	168.4 mV	22.10 ft	200.0 ml/min
5/19/2026 3:59 PM	25:00	5.383 pH	20.93 °C	53.55 µS/cm	3.390 mg/L	2.130 NTU	171.0 mV	22.10 ft	200.0 ml/min

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 5/19/2026 2:51:11 PM
Project: Plant Wansley Ash Pond
Operator Name: Dever Johnson

Location Name: WGWC-32 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 24.4 ft** **Total Depth: 34.4 ft** **Initial Depth to Water: 18.41 ft**	**Pump Type: Peristaltic Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 29.4 ft** **Estimated Total Volume Pumped: 20583.334 ml** **Flow Cell Volume: 130 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 0.45 ft**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1183974**

Test Notes:
Sample time 1634. Sunny, 78 degrees F.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 3	+/- 5 %	+/- 10 %	+/- 10	+/- 25	+/- 0.3	
5/19/2026 2:51 PM	00:00	5.427 pH	21.55 °C	107.3 µS/cm	3.534 mg/L	102.0 NTU	57.1 mV	18.81 ft	200.0 ml/min
5/19/2026 2:56 PM	05:00	5.436 pH	21.36 °C	108.2 µS/cm	3.137 mg/L	112.0 NTU	59.5 mV	18.83 ft	200.0 ml/min
5/19/2026 3:01 PM	10:00	5.457 pH	21.02 °C	111.1 µS/cm	3.034 mg/L	34.00 NTU	66.1 mV	18.85 ft	200.0 ml/min
5/19/2026 3:06 PM	15:00	5.430 pH	20.98 °C	106.3 µS/cm	3.123 mg/L	31.10 NTU	68.3 mV	18.86 ft	200.0 ml/min
5/19/2026 3:11 PM	20:00	5.381 pH	21.40 °C	104.4 µS/cm	3.201 mg/L	23.40 NTU	69.7 mV	18.86 ft	200.0 ml/min
5/19/2026 3:16 PM	25:00	5.375 pH	21.16 °C	101.9 µS/cm	3.289 mg/L	11.40 NTU	72.2 mV	18.86 ft	200.0 ml/min
5/19/2026 3:21 PM	30:00	5.352 pH	21.22 °C	106.5 µS/cm	3.270 mg/L	12.50 NTU	75.1 mV	18.85 ft	200.0 ml/min
5/19/2026 3:26 PM	35:00	5.341 pH	20.53 °C	104.3 µS/cm	3.304 mg/L	6.010 NTU	78.5 mV	18.85 ft	200.0 ml/min
5/19/2026 3:31 PM	40:00	5.296 pH	21.26 °C	106.4 µS/cm	3.260 mg/L	6.500 NTU	82.3 mV	18.85 ft	200.0 ml/min
5/19/2026 3:36 PM	45:00	5.272 pH	20.73 °C	104.8 µS/cm	3.272 mg/L	4.820 NTU	85.5 mV	18.85 ft	200.0 ml/min
5/19/2026 3:41 PM	50:00	5.261 pH	21.54 °C	105.9 µS/cm	3.250 mg/L	5.350 NTU	87.6 mV	18.85 ft	200.0 ml/min
5/19/2026 3:46 PM	55:00	5.278 pH	21.66 °C	106.9 µS/cm	3.208 mg/L	9.620 NTU	88.8 mV	18.85 ft	200.0 ml/min
5/19/2026 3:51 PM	01:00:00	5.290 pH	21.25 °C	107.5 µS/cm	3.262 mg/L	43.90 NTU	92.1 mV	18.85 ft	200.0 ml/min
5/19/2026 3:56 PM	01:05:00	5.285 pH	20.87 °C	107.9 µS/cm	3.242 mg/L	14.42 NTU	95.2 mV	18.85 ft	200.0 ml/min
5/19/2026 4:01 PM	01:10:00	5.286 pH	21.04 °C	105.2 µS/cm	3.275 mg/L	7.740 NTU	97.5 mV	18.86 ft	200.0 ml/min

5/19/2026 4:06 PM	01:15:00	5.275 pH	21.63 °C	106.8 µS/cm	3.266 mg/L	5.220 NTU	99.6 mV	18.86 ft	200.0 ml/min
5/19/2026 4:11 PM	01:20:00	5.275 pH	21.15 °C	108.8 µS/cm	3.243 mg/L	5.720 NTU	103.4 mV	18.86 ft	200.0 ml/min
5/19/2026 4:16 PM	01:25:00	5.267 pH	21.52 °C	112.5 µS/cm	3.246 mg/L	5.140 NTU	105.7 mV	18.85 ft	200.0 ml/min
5/19/2026 4:21 PM	01:30:00	5.276 pH	21.41 °C	113.2 µS/cm	3.223 mg/L	4.350 NTU	108.2 mV	18.86 ft	200.0 ml/min
5/19/2026 4:26 PM	01:35:00	5.252 pH	21.35 °C	111.7 µS/cm	3.215 mg/L	4.200 NTU	111.9 mV	18.86 ft	200.0 ml/min
5/19/2026 4:31 PM	01:40:00	5.279 pH	21.41 °C	112.0 µS/cm	3.228 mg/L	2.610 NTU	113.1 mV	18.86 ft	200.0 ml/min
5/19/2026 4:34 PM	01:42:55	5.288 pH	21.32 °C	108.6 µS/cm	3.229 mg/L	2.500 NTU	113.7 mV	18.86 ft	200.0 ml/min

Samples

Sample ID:	Description:

Low-Flow Test Report:

Test Date / Time: 5/18/2026 3:58:48 PM
Project: Plant Wansley Ash Pond
Operator Name: D. Johnson N.Nance

Location Name: WGWC-33 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 27.7 ft** **Total Depth: 37.7 ft** **Initial Depth to Water: 21.46 ft**	**Pump Type: Peristaltic Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 32.7 ft** **Estimated Total Volume Pumped: 8000 ml** **Flow Cell Volume: 130 ml** **Final Flow Rate: 320 ml/min** **Final Draw Down: 0.99 ft**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1235076**

Test Notes:
Sample time 1623. Sunny, 87 degrees F.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 3	+/- 5 %	+/- 10 %	+/- 10	+/- 25	+/- 0.03	
5/18/2026 3:58 PM	00:00	4.710 pH	20.42 °C	557.3 µS/cm	2.526 mg/L	1.780 NTU	123.1 mV	21.46 ft	320.0 ml/min
5/18/2026 4:03 PM	05:00	4.686 pH	20.66 °C	555.1 µS/cm	2.267 mg/L	1.200 NTU	118.6 mV	22.44 ft	320.0 ml/min
5/18/2026 4:08 PM	10:00	4.631 pH	20.96 °C	546.5 µS/cm	1.946 mg/L	1.030 NTU	121.6 mV	22.46 ft	320.0 ml/min
5/18/2026 4:13 PM	15:00	4.642 pH	20.66 °C	537.1 µS/cm	1.811 mg/L	0.930 NTU	121.4 mV	22.45 ft	320.0 ml/min
5/18/2026 4:18 PM	20:00	4.647 pH	20.75 °C	537.8 µS/cm	1.749 mg/L	0.880 NTU	120.6 mV	22.45 ft	320.0 ml/min
5/18/2026 4:23 PM	25:00	4.643 pH	21.28 °C	536.4 µS/cm	1.651 mg/L	0.720 NTU	120.5 mV	22.45 ft	320.0 ml/min

Samples

Sample ID:	Description:

Low-Flow Test Report:

Test Date / Time: 5/22/2026 11:18:20 AM
Project: Plant Wansley Ash Pond
Operator Name: D. Johnson

Location Name: WGWC-34D **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 82.15 ft** **Total Depth: 92.15 ft** **Initial Depth to Water: 30.31 ft**	**Pump Type: Portable Bladder Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 87.15 ft** **Estimated Total Volume Pumped: 38750 ml** **Flow Cell Volume: 130 ml** **Final Flow Rate: 250 ml/min** **Final Draw Down: 1.4 ft**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1183974**

Test Notes:
Sample time 1353. Cloudy, 82 degrees F.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 3	+/- 5 %	+/- 10 %	+/- 10	+/- 25	+/- 0.3	
5/22/2026 11:18 AM	00:00	6.648 pH	20.83 °C	49.98 µS/cm	3.535 mg/L	72.30 NTU	-20.5 mV	30.31 ft	250.0 ml/min
5/22/2026 11:23 AM	05:00	6.402 pH	19.42 °C	50.77 µS/cm	0.480 mg/L	56.60 NTU	-68.7 mV	30.78 ft	250.0 ml/min
5/22/2026 11:28 AM	10:00	6.468 pH	19.36 °C	50.70 µS/cm	0.281 mg/L	88.10 NTU	-87.7 mV	31.42 ft	250.0 ml/min
5/22/2026 11:33 AM	15:00	6.606 pH	19.58 °C	52.37 µS/cm	0.221 mg/L	66.80 NTU	-106.9 mV	31.51 ft	250.0 ml/min
5/22/2026 11:38 AM	20:00	6.602 pH	19.42 °C	55.74 µS/cm	0.182 mg/L	56.30 NTU	-118.1 mV	31.57 ft	250.0 ml/min
5/22/2026 11:43 AM	25:00	6.561 pH	19.41 °C	62.93 µS/cm	0.158 mg/L	33.30 NTU	-133.8 mV	31.60 ft	250.0 ml/min
5/22/2026 11:48 AM	30:00	6.655 pH	19.48 °C	73.11 µS/cm	0.153 mg/L	30.70 NTU	-153.9 mV	31.67 ft	250.0 ml/min
5/22/2026 11:53 AM	35:00	6.604 pH	19.33 °C	86.79 µS/cm	0.154 mg/L	29.40 NTU	-156.8 mV	31.69 ft	250.0 ml/min
5/22/2026 11:58 AM	40:00	6.615 pH	19.68 °C	109.0 µS/cm	0.122 mg/L	26.10 NTU	-160.3 mV	31.71 ft	250.0 ml/min
5/22/2026 12:03 PM	45:00	6.573 pH	19.50 °C	143.3 µS/cm	0.105 mg/L	24.80 NTU	-160.2 mV	31.71 ft	250.0 ml/min
5/22/2026 12:08 PM	50:00	6.518 pH	19.70 °C	210.3 µS/cm	0.099 mg/L	21.60 NTU	-162.8 mV	31.71 ft	250.0 ml/min
5/22/2026 12:13 PM	55:00	6.573 pH	19.59 °C	287.2 µS/cm	0.098 mg/L	21.10 NTU	-175.4 mV	31.71 ft	250.0 ml/min
5/22/2026 12:18 PM	01:00:00	6.533 pH	19.51 °C	377.7 µS/cm	0.108 mg/L	20.90 NTU	-184.0 mV	31.71 ft	250.0 ml/min
5/22/2026 12:23 PM	01:05:00	6.308 pH	19.66 °C	465.6 µS/cm	0.084 mg/L	20.80 NTU	-184.9 mV	31.71 ft	250.0 ml/min
5/22/2026 12:28 PM	01:10:00	5.410 pH	19.68 °C	797.0 µS/cm	0.100 mg/L	18.70 NTU	-135.9 mV	31.71 ft	250.0 ml/min

5/22/2026 12:33 PM	01:15:00	5.491 pH	20.36 °C	886.9 µS/cm	0.078 mg/L	16.90 NTU	-125.8 mV	31.71 ft	250.0 ml/min
5/22/2026 12:38 PM	01:20:00	5.530 pH	19.66 °C	907.1 µS/cm	0.074 mg/L	15.80 NTU	-115.0 mV	31.71 ft	250.0 ml/min
5/22/2026 12:43 PM	01:25:00	5.531 pH	19.45 °C	920.5 µS/cm	0.074 mg/L	17.40 NTU	-102.6 mV	31.71 ft	250.0 ml/min
5/22/2026 12:48 PM	01:30:00	5.539 pH	19.54 °C	928.0 µS/cm	0.069 mg/L	18.20 NTU	-93.3 mV	31.71 ft	250.0 ml/min
5/22/2026 12:53 PM	01:35:00	5.544 pH	19.30 °C	932.6 µS/cm	0.064 mg/L	17.60 NTU	-84.9 mV	31.71 ft	250.0 ml/min
5/22/2026 12:58 PM	01:40:00	5.536 pH	19.39 °C	935.9 µS/cm	0.071 mg/L	15.60 NTU	-77.6 mV	31.71 ft	250.0 ml/min
5/22/2026 1:03 PM	01:45:00	5.538 pH	19.32 °C	940.3 µS/cm	0.074 mg/L	14.80 NTU	-70.0 mV	31.71 ft	250.0 ml/min
5/22/2026 1:08 PM	01:50:00	5.531 pH	19.17 °C	940.4 µS/cm	0.064 mg/L	12.90 NTU	-63.5 mV	31.71 ft	250.0 ml/min
5/22/2026 1:13 PM	01:55:00	5.524 pH	19.35 °C	942.8 µS/cm	0.068 mg/L	14.70 NTU	-56.8 mV	31.71 ft	250.0 ml/min
5/22/2026 1:18 PM	02:00:00	5.514 pH	19.36 °C	944.2 µS/cm	0.056 mg/L	13.40 NTU	-50.4 mV	31.71 ft	250.0 ml/min
5/22/2026 1:23 PM	02:05:00	5.505 pH	19.41 °C	947.2 µS/cm	0.058 mg/L	12.80 NTU	-44.8 mV	31.71 ft	250.0 ml/min
5/22/2026 1:28 PM	02:10:00	5.508 pH	19.36 °C	946.1 µS/cm	0.072 mg/L	10.10 NTU	-39.1 mV	31.71 ft	250.0 ml/min
5/22/2026 1:33 PM	02:15:00	5.500 pH	19.25 °C	944.5 µS/cm	0.053 mg/L	7.880 NTU	-34.2 mV	31.71 ft	250.0 ml/min
5/22/2026 1:38 PM	02:20:00	5.496 pH	19.36 °C	947.0 µS/cm	0.053 mg/L	5.280 NTU	-30.2 mV	31.71 ft	250.0 ml/min
5/22/2026 1:43 PM	02:25:00	5.488 pH	19.30 °C	946.0 µS/cm	0.054 mg/L	4.430 NTU	-25.6 mV	31.71 ft	250.0 ml/min
5/22/2026 1:48 PM	02:30:00	5.486 pH	19.39 °C	946.5 µS/cm	0.071 mg/L	4.140 NTU	-22.1 mV	31.71 ft	250.0 ml/min
5/22/2026 1:53 PM	02:35:00	5.477 pH	19.34 °C	946.2 µS/cm	0.048 mg/L	4.060 NTU	-17.5 mV	31.71 ft	250.0 ml/min

Samples

Sample ID:	Description:

Low-Flow Test Report:

Test Date / Time: 5/21/2026 9:26:21 AM
Project: Plant Wansley Ash Pond
Operator Name: D. Johnson

Location Name: WGWC-34S **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 36.6 ft** **Total Depth: 46.6 ft** **Initial Depth to Water: 21.3 ft**	**Pump Type: Portable Bladder Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 41.6 ft** **Estimated Total Volume Pumped: 15750 ml** **Flow Cell Volume: 130 ml** **Final Flow Rate: 150 ml/min** **Final Draw Down: 7.78 ft**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1183974**

Test Notes:
Sample time 1111. Cloudy, 77 degrees F.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 3	+/- 5 %	+/- 10 %	+/- 10	+/- 25	+/- 0.3	
5/21/2026 9:26 AM	00:00	5.068 pH	21.04 °C	48.45 µS/cm	5.536 mg/L	20.10 NTU	206.6 mV	21.30 ft	150.0 ml/min
5/21/2026 9:31 AM	05:00	4.805 pH	20.73 °C	40.04 µS/cm	1.419 mg/L	15.70 NTU	218.2 mV	22.21 ft	150.0 ml/min
5/21/2026 9:36 AM	10:00	4.904 pH	20.71 °C	39.38 µS/cm	0.975 mg/L	12.50 NTU	221.3 mV	22.90 ft	150.0 ml/min
5/21/2026 9:41 AM	15:00	4.822 pH	20.71 °C	38.29 µS/cm	0.894 mg/L	10.80 NTU	231.4 mV	23.53 ft	150.0 ml/min
5/21/2026 9:46 AM	20:00	4.827 pH	20.77 °C	37.75 µS/cm	0.869 mg/L	8.230 NTU	235.6 mV	24.02 ft	150.0 ml/min
5/21/2026 9:51 AM	25:00	4.811 pH	20.88 °C	37.34 µS/cm	0.845 mg/L	7.310 NTU	240.1 mV	24.11 ft	150.0 ml/min
5/21/2026 9:56 AM	30:00	4.667 pH	20.95 °C	37.40 µS/cm	0.889 mg/L	7.290 NTU	251.7 mV	24.45 ft	150.0 ml/min
5/21/2026 10:01 AM	35:00	4.803 pH	21.02 °C	37.85 µS/cm	0.996 mg/L	7.190 NTU	246.6 mV	24.77 ft	150.0 ml/min
5/21/2026 10:06 AM	40:00	4.960 pH	21.01 °C	38.22 µS/cm	1.139 mg/L	7.080 NTU	239.1 mV	25.39 ft	150.0 ml/min
5/21/2026 10:11 AM	45:00	5.011 pH	21.01 °C	38.19 µS/cm	1.297 mg/L	7.050 NTU	239.0 mV	25.87 ft	150.0 ml/min
5/21/2026 10:16 AM	50:00	5.006 pH	21.01 °C	38.70 µS/cm	1.395 mg/L	5.890 NTU	236.1 mV	26.42 ft	150.0 ml/min
5/21/2026 10:21 AM	55:00	4.996 pH	21.03 °C	39.22 µS/cm	1.450 mg/L	5.410 NTU	235.4 mV	26.77 ft	150.0 ml/min
5/21/2026 10:26 AM	01:00:00	5.001 pH	21.04 °C	39.41 µS/cm	1.497 mg/L	6.100 NTU	231.9 mV	26.97 ft	150.0 ml/min
5/21/2026 10:31 AM	01:05:00	5.002 pH	21.00 °C	39.72 µS/cm	1.471 mg/L	5.630 NTU	229.4 mV	27.08 ft	150.0 ml/min
5/21/2026 10:36 AM	01:10:00	5.024 pH	21.04 °C	39.80 µS/cm	1.441 mg/L	5.460 NTU	227.9 mV	27.56 ft	150.0 ml/min

5/21/2026 10:41 AM	01:15:00	5.021 pH	21.00 °C	39.73 µS/cm	1.461 mg/L	5.100 NTU	228.4 mV	28.02 ft	150.0 ml/min
5/21/2026 10:46 AM	01:20:00	5.015 pH	21.08 °C	39.77 µS/cm	1.448 mg/L	5.900 NTU	229.2 mV	28.30 ft	150.0 ml/min
5/21/2026 10:51 AM	01:25:00	5.010 pH	21.05 °C	39.33 µS/cm	1.357 mg/L	5.800 NTU	229.2 mV	28.53 ft	150.0 ml/min
5/21/2026 10:56 AM	01:30:00	4.987 pH	21.14 °C	38.94 µS/cm	1.293 mg/L	5.780 NTU	230.5 mV	28.68 ft	150.0 ml/min
5/21/2026 11:01 AM	01:35:00	4.945 pH	21.24 °C	38.50 µS/cm	1.252 mg/L	4.820 NTU	233.0 mV	28.82 ft	150.0 ml/min
5/21/2026 11:06 AM	01:40:00	4.947 pH	21.35 °C	37.92 µS/cm	1.145 mg/L	4.760 NTU	233.2 mV	28.99 ft	150.0 ml/min
5/21/2026 11:11 AM	01:45:00	4.925 pH	21.65 °C	37.77 µS/cm	1.124 mg/L	4.620 NTU	235.0 mV	29.08 ft	150.0 ml/min

Samples

Sample ID:	Description:

Low-Flow Test Report:

Test Date / Time: 5/22/2026 9:56:18 AM
Project: Plant Wansley Ash Pond
Operator Name: D. Johnson

Location Name: WGWC-35D **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 107.8 ft** **Total Depth: 117.8 ft** **Initial Depth to Water: 27.84 ft**	**Pump Type: Portable Bladder Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 112.8 ft** **Estimated Total Volume Pumped: 7000 ml** **Flow Cell Volume: 130 ml** **Final Flow Rate: 175 ml/min** **Final Draw Down: 3.38 ft**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1183974**

Test Notes:
Sample time 1036. Cloudy, 76 degrees F.
FB-16 here.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 3	+/- 5 %	+/- 10 %	+/- 10	+/- 25	+/- 0.3	
5/22/2026 9:56 AM	00:00	6.570 pH	22.05 °C	268.9 µS/cm	4.035 mg/L	5.450 NTU	190.2 mV	27.84 ft	175.0 ml/min
5/22/2026 10:01 AM	05:00	6.540 pH	19.79 °C	240.2 µS/cm	0.609 mg/L	4.800 NTU	32.1 mV	29.67 ft	175.0 ml/min
5/22/2026 10:06 AM	10:00	6.644 pH	19.67 °C	237.6 µS/cm	0.243 mg/L	4.520 NTU	-6.9 mV	30.77 ft	175.0 ml/min
5/22/2026 10:11 AM	15:00	6.652 pH	19.65 °C	236.9 µS/cm	0.178 mg/L	4.690 NTU	-22.1 mV	30.92 ft	175.0 ml/min
5/22/2026 10:16 AM	20:00	6.661 pH	19.66 °C	235.8 µS/cm	0.141 mg/L	5.420 NTU	-37.2 mV	31.07 ft	175.0 ml/min
5/22/2026 10:21 AM	25:00	6.658 pH	19.68 °C	234.9 µS/cm	0.120 mg/L	5.020 NTU	-43.8 mV	31.14 ft	175.0 ml/min
5/22/2026 10:26 AM	30:00	6.645 pH	19.80 °C	231.8 µS/cm	0.109 mg/L	4.920 NTU	-47.6 mV	31.19 ft	175.0 ml/min
5/22/2026 10:31 AM	35:00	6.651 pH	19.86 °C	230.3 µS/cm	0.101 mg/L	4.900 NTU	-54.5 mV	31.20 ft	175.0 ml/min
5/22/2026 10:36 AM	40:00	6.641 pH	19.80 °C	227.2 µS/cm	0.095 mg/L	4.880 NTU	-57.2 mV	31.22 ft	175.0 ml/min

Samples

Sample ID:	Description:

Low-Flow Test Report:

Test Date / Time: 5/20/2026 12:38:11 PM
Project: Plant Wansley Ash Pond
Operator Name: J. May

Location Name: WGWC-35S **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 50.6 ft** **Total Depth: 60.6 ft** **Initial Depth to Water: 22.28 ft**	**Pump Type: Portable Bladder Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 55.6 ft** **Estimated Total Volume Pumped: 15 liter** **Flow Cell Volume: 130 ml** **Final Flow Rate: 150 ml/min** **Final Draw Down: 84.24 in**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1183990**

Test Notes:
Sample Time: 1418
Sunny, 80s

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 3	+/- 5 %	+/- 10 %	+/- 10	+/- 25	+/- 0.3	
5/20/2026 12:38 PM	00:00	6.913 pH	26.12 °C	271.6 µS/cm	4.920 mg/L	40.60 NTU	139.1 mV	22.28 ft	150.0 ml/min
5/20/2026 12:43 PM	05:00	6.636 pH	23.13 °C	273.0 µS/cm	0.911 mg/L	37.60 NTU	117.0 mV	22.80 ft	150.0 ml/min
5/20/2026 12:48 PM	10:00	6.623 pH	22.76 °C	271.8 µS/cm	0.516 mg/L	33.50 NTU	103.6 mV	23.20 ft	150.0 ml/min
5/20/2026 12:53 PM	15:00	6.628 pH	22.70 °C	270.1 µS/cm	0.431 mg/L	31.60 NTU	92.5 mV	23.60 ft	150.0 ml/min
5/20/2026 12:58 PM	20:00	6.648 pH	22.75 °C	269.2 µS/cm	0.330 mg/L	23.10 NTU	83.3 mV	24.10 ft	150.0 ml/min
5/20/2026 1:03 PM	25:00	6.658 pH	22.31 °C	267.1 µS/cm	0.287 mg/L	17.30 NTU	77.0 mV	24.50 ft	150.0 ml/min
5/20/2026 1:08 PM	30:00	6.667 pH	22.76 °C	270.9 µS/cm	0.308 mg/L	13.20 NTU	70.4 mV	24.90 ft	150.0 ml/min
5/20/2026 1:13 PM	35:00	6.673 pH	22.52 °C	271.2 µS/cm	0.258 mg/L	11.10 NTU	64.5 mV	25.40 ft	150.0 ml/min
5/20/2026 1:18 PM	40:00	6.675 pH	22.70 °C	271.7 µS/cm	0.249 mg/L	8.790 NTU	59.0 mV	25.90 ft	150.0 ml/min
5/20/2026 1:23 PM	45:00	6.674 pH	22.77 °C	270.5 µS/cm	0.238 mg/L	6.540 NTU	54.6 mV	26.30 ft	150.0 ml/min
5/20/2026 1:28 PM	50:00	6.672 pH	22.67 °C	271.6 µS/cm	0.220 mg/L	4.840 NTU	50.5 mV	26.60 ft	150.0 ml/min
5/20/2026 1:33 PM	55:00	6.670 pH	22.97 °C	272.3 µS/cm	0.212 mg/L	4.680 NTU	46.6 mV	26.90 ft	150.0 ml/min
5/20/2026 1:38 PM	01:00:00	6.665 pH	23.00 °C	271.8 µS/cm	0.198 mg/L	4.320 NTU	42.9 mV	27.20 ft	150.0 ml/min
5/20/2026 1:43 PM	01:05:00	6.660 pH	23.24 °C	271.0 µS/cm	0.191 mg/L	3.970 NTU	39.7 mV	27.50 ft	150.0 ml/min

5/20/2026 1:48 PM	01:10:00	6.656 pH	23.45 °C	269.6 µS/cm	0.186 mg/L	3.350 NTU	36.3 mV	27.80 ft	150.0 ml/min
5/20/2026 1:53 PM	01:15:00	6.648 pH	23.23 °C	270.4 µS/cm	0.180 mg/L	2.610 NTU	33.8 mV	28.20 ft	150.0 ml/min
5/20/2026 1:58 PM	01:20:00	6.643 pH	23.72 °C	269.1 µS/cm	0.177 mg/L	2.230 NTU	30.8 mV	28.50 ft	150.0 ml/min
5/20/2026 2:03 PM	01:25:00	6.638 pH	24.08 °C	269.3 µS/cm	0.179 mg/L	2.310 NTU	28.3 mV	28.80 ft	150.0 ml/min
5/20/2026 2:08 PM	01:30:00	6.644 pH	24.26 °C	273.7 µS/cm	0.173 mg/L	2.140 NTU	24.7 mV	29.10 ft	150.0 ml/min
5/20/2026 2:13 PM	01:35:00	6.665 pH	24.18 °C	275.1 µS/cm	0.182 mg/L	2.260 NTU	21.4 mV	29.20 ft	150.0 ml/min
5/20/2026 2:18 PM	01:40:00	6.666 pH	24.36 °C	274.1 µS/cm	0.173 mg/L	2.110 NTU	18.8 mV	29.30 ft	150.0 ml/min

Samples

Sample ID:	Description:

Low-Flow Test Report:

Test Date / Time: 5/21/2026 12:42:08 PM
Project: Plant Wansley Ash Pond
Operator Name: D. Johnson

Location Name: WGWC-36D **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 116.1 ft** **Total Depth: 126.1 ft** **Initial Depth to Water: 27.11 ft**	**Pump Type: Portable Bladder Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 121.1 ft** **Estimated Total Volume Pumped: 7875 ml** **Flow Cell Volume: 130 ml** **Final Flow Rate: 175 ml/min** **Final Draw Down: 2.97 ft**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1183974**

Test Notes:
Sample time 1327. Cloudy, 81 degrees F.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 3	+/- 5 %	+/- 10 %	+/- 10	+/- 25	+/- 0.3	
5/21/2026 12:42 PM	00:00	5.697 pH	22.32 °C	94.32 µS/cm	1.041 mg/L	7.220 NTU	-23.0 mV	27.11 ft	175.0 ml/min
5/21/2026 12:47 PM	05:00	5.635 pH	21.99 °C	95.84 µS/cm	0.634 mg/L	6.790 NTU	-26.2 mV	28.62 ft	175.0 ml/min
5/21/2026 12:52 PM	10:00	5.732 pH	21.90 °C	94.72 µS/cm	0.452 mg/L	7.500 NTU	-33.5 mV	29.17 ft	175.0 ml/min
5/21/2026 12:57 PM	15:00	5.738 pH	20.57 °C	94.23 µS/cm	0.341 mg/L	6.730 NTU	-34.7 mV	29.53 ft	175.0 ml/min
5/21/2026 1:02 PM	20:00	5.762 pH	20.52 °C	93.91 µS/cm	0.255 mg/L	5.940 NTU	-36.0 mV	29.89 ft	175.0 ml/min
5/21/2026 1:07 PM	25:00	5.738 pH	20.47 °C	94.11 µS/cm	0.210 mg/L	5.370 NTU	-38.5 mV	30.11 ft	175.0 ml/min
5/21/2026 1:12 PM	30:00	5.743 pH	20.34 °C	93.94 µS/cm	0.181 mg/L	5.050 NTU	-41.6 mV	30.52 ft	175.0 ml/min
5/21/2026 1:17 PM	35:00	5.732 pH	20.36 °C	94.02 µS/cm	0.162 mg/L	4.420 NTU	-42.4 mV	30.87 ft	175.0 ml/min
5/21/2026 1:22 PM	40:00	5.719 pH	20.29 °C	94.41 µS/cm	0.147 mg/L	4.360 NTU	-44.2 mV	30.99 ft	175.0 ml/min
5/21/2026 1:27 PM	45:00	5.718 pH	20.22 °C	94.03 µS/cm	0.133 mg/L	4.160 NTU	-45.9 mV	31.08 ft	175.0 ml/min

Samples

Sample ID:	Description:

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Low-Flow Test Report:

Test Date / Time: 5/22/2026 1:19:05 PM
Project: Plant Wansley Ash Pond
Operator Name: J. May

Location Name: WGWC-36S **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 47.7 ft** **Total Depth: 57.7 ft** **Initial Depth to Water: 25.21 ft**	**Pump Type: Portable Bladder Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 52.7 ft** **Estimated Total Volume Pumped: 2.5 liter** **Flow Cell Volume: 130 ml** **Final Flow Rate: 100 ml/min** **Final Draw Down: 267.48 in**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1235076**

Test Notes:
Sample Time: 1344
Cloudy, 70s

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 3	+/- 5 %	+/- 10 %	+/- 10	+/- 25	+/- 0.3	
5/22/2026 1:19 PM	00:00	6.118 pH	22.49 °C	230.5 µS/cm	0.163 mg/L	4.440 NTU	33.3 mV	25.21 ft	100.0 ml/min
5/22/2026 1:24 PM	05:00	6.076 pH	22.27 °C	230.8 µS/cm	0.105 mg/L	2.980 NTU	30.1 mV	47.10 ft	100.0 ml/min
5/22/2026 1:29 PM	10:00	6.048 pH	22.19 °C	231.7 µS/cm	0.088 mg/L	2.780 NTU	28.2 mV	47.30 ft	100.0 ml/min
5/22/2026 1:34 PM	15:00	6.021 pH	22.47 °C	231.8 µS/cm	0.087 mg/L	3.260 NTU	25.6 mV	47.40 ft	100.0 ml/min
5/22/2026 1:39 PM	20:00	6.025 pH	22.05 °C	230.9 µS/cm	0.080 mg/L	3.110 NTU	23.1 mV	47.50 ft	100.0 ml/min
5/22/2026 1:44 PM	25:00	6.014 pH	22.08 °C	231.4 µS/cm	0.080 mg/L	3.040 NTU	21.3 mV	47.50 ft	100.0 ml/min

Samples

Sample ID:	Description:

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Low-Flow Test Report:

Test Date / Time: 5/20/2026 12:42:16 PM
Project: Plant Wansley Ash Pond
Operator Name: Dever Johnson

Location Name: WGWC-37D **Latitude: 33.41767725561636** **Longitude: -85.04410072909454** **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 116.95 ft** **Total Depth: 126.95 ft** **Initial Depth to Water: 27.12 ft**	**Pump Type: Portable Bladder Pump** **Tubing Type: Poly** **Pump Intake From TOC: 121.95 ft** **Estimated Total Volume Pumped: 14000 ml** **Flow Cell Volume: 130 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 8.17 ft**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1235076**

Test Notes:
sample time 1352. sunny, 86 degrees F.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 100	+/- 5 %	+/- 10 %	+/- 10	+/- 25	+/- 0.3	
5/20/2026 12:42 PM	00:00	5.622 pH	27.37 °C	272.1 µS/cm	2.073 mg/L	19.30 NTU	173.9 mV	27.12 ft	200.0 ml/min
5/20/2026 12:47 PM	05:00	5.620 pH	23.85 °C	245.2 µS/cm	0.687 mg/L	16.70 NTU	144.8 mV	28.04 ft	200.0 ml/min
5/20/2026 12:52 PM	10:00	5.563 pH	23.77 °C	241.6 µS/cm	0.361 mg/L	14.30 NTU	94.0 mV	28.82 ft	200.0 ml/min
5/20/2026 12:57 PM	15:00	5.625 pH	23.15 °C	239.1 µS/cm	0.190 mg/L	11.80 NTU	82.8 mV	29.57 ft	200.0 ml/min
5/20/2026 1:02 PM	20:00	5.561 pH	21.75 °C	238.7 µS/cm	0.121 mg/L	8.520 NTU	81.6 mV	30.02 ft	200.0 ml/min
5/20/2026 1:07 PM	25:00	5.579 pH	22.09 °C	239.4 µS/cm	0.085 mg/L	6.380 NTU	75.3 mV	31.76 ft	200.0 ml/min
5/20/2026 1:12 PM	30:00	5.600 pH	21.74 °C	239.3 µS/cm	0.066 mg/L	4.910 NTU	70.5 mV	32.52 ft	200.0 ml/min
5/20/2026 1:17 PM	35:00	5.532 pH	21.77 °C	234.6 µS/cm	0.058 mg/L	4.300 NTU	70.3 mV	33.03 ft	200.0 ml/min
5/20/2026 1:22 PM	40:00	5.687 pH	21.96 °C	238.3 µS/cm	0.052 mg/L	5.460 NTU	60.3 mV	33.91 ft	200.0 ml/min
5/20/2026 1:27 PM	45:00	5.636 pH	21.46 °C	241.3 µS/cm	0.073 mg/L	5.140 NTU	59.6 mV	34.35 ft	200.0 ml/min
5/20/2026 1:32 PM	50:00	5.544 pH	22.62 °C	241.6 µS/cm	0.060 mg/L	4.980 NTU	59.2 mV	34.76 ft	200.0 ml/min
5/20/2026 1:37 PM	55:00	5.518 pH	22.41 °C	242.5 µS/cm	0.057 mg/L	4.720 NTU	58.1 mV	34.90 ft	200.0 ml/min
5/20/2026 1:42 PM	01:00:00	5.606 pH	22.75 °C	242.2 µS/cm	0.054 mg/L	4.550 NTU	52.5 mV	35.11 ft	200.0 ml/min
5/20/2026 1:47 PM	01:05:00	5.601 pH	22.99 °C	242.0 µS/cm	0.052 mg/L	4.490 NTU	50.8 mV	35.20 ft	200.0 ml/min
5/20/2026 1:52 PM	01:10:00	5.574 pH	23.03 °C	245.0 µS/cm	0.060 mg/L	4.380 NTU	50.0 mV	35.29 ft	200.0 ml/min

Samples

Sample ID:	Description:

Low-Flow Test Report:

Test Date / Time: 5/18/2026 2:33:04 PM
Project: Plant Wansley Ash Pond
Operator Name: D. Johnson

Location Name: WGWC-37S **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 35.42 ft** **Total Depth: 45.42 ft** **Initial Depth to Water: 35.21 ft**	**Pump Type: Portable Bladder Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 40.42 ft** **Estimated Total Volume Pumped: 3750 ml** **Flow Cell Volume: 130 ml** **Final Flow Rate: 150 ml/min** **Final Draw Down: -0.02 ft**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1235076**

Test Notes:
Sample time 1458. Sunny, 86 degrees F.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 3	+/- 5 %	+/- 10 %	+/- 10	+/- 25	+/- 0.3	
5/18/2026 2:33 PM	00:00	4.241 pH	25.30 °C	1,371 µS/cm	0.710 mg/L	4.500 NTU	120.4 mV	35.21 ft	150.0 ml/min
5/18/2026 2:38 PM	05:00	4.013 pH	24.72 °C	1,379 µS/cm	0.368 mg/L	4.150 NTU	112.0 mV	35.18 ft	150.0 ml/min
5/18/2026 2:43 PM	10:00	4.055 pH	24.23 °C	1,378 µS/cm	0.322 mg/L	3.890 NTU	115.1 mV	35.18 ft	150.0 ml/min
5/18/2026 2:48 PM	15:00	4.109 pH	23.61 °C	1,379 µS/cm	0.291 mg/L	3.570 NTU	117.3 mV	35.19 ft	150.0 ml/min
5/18/2026 2:53 PM	20:00	4.119 pH	24.04 °C	1,383 µS/cm	0.276 mg/L	2.900 NTU	116.7 mV	35.19 ft	150.0 ml/min
5/18/2026 2:58 PM	25:00	4.155 pH	23.70 °C	1,410 µS/cm	0.248 mg/L	2.670 NTU	117.0 mV	35.19 ft	150.0 ml/min

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 5/18/2026 1:00:39 PM
Project: Plant Wansley Ash Pond
Operator Name: D. Johnson, N. Nance

Location Name: WGWC-38D **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 79.75 ft** **Total Depth: 89.75 ft** **Initial Depth to Water: 28.6 ft**	**Pump Type: Portable Bladder Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 84.75 ft** **Estimated Total Volume Pumped: 3600 ml** **Flow Cell Volume: 130 ml** **Final Flow Rate: 120 ml/min** **Final Draw Down: 0.6 ft**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1235076**

Test Notes:
Sample time 1330. Sunny, 77 degrees F.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 3	+/- 5 %	+/- 10 %	+/- 10	+/- 25	+/- 0.3	
5/18/2026 1:00 PM	00:00	6.711 pH	24.65 °C	687.1 µS/cm	2.248 mg/L	13.80 NTU	106.3 mV	29.21 ft	120.0 ml/min
5/18/2026 1:05 PM	05:00	6.128 pH	22.07 °C	1,875 µS/cm	0.639 mg/L	11.60 NTU	109.1 mV	29.15 ft	120.0 ml/min
5/18/2026 1:10 PM	10:00	5.506 pH	22.10 °C	2,953 µS/cm	0.352 mg/L	7.170 NTU	109.3 mV	29.19 ft	120.0 ml/min
5/18/2026 1:15 PM	15:00	5.094 pH	21.60 °C	3,324 µS/cm	0.267 mg/L	2.960 NTU	109.6 mV	29.23 ft	120.0 ml/min
5/18/2026 1:20 PM	20:00	4.934 pH	21.75 °C	3,407 µS/cm	0.222 mg/L	2.650 NTU	115.2 mV	29.18 ft	120.0 ml/min
5/18/2026 1:25 PM	25:00	4.949 pH	22.32 °C	3,456 µS/cm	0.210 mg/L	2.100 NTU	116.3 mV	29.19 ft	120.0 ml/min
5/18/2026 1:30 PM	30:00	4.934 pH	21.57 °C	3,448 µS/cm	0.186 mg/L	0.790 NTU	119.4 mV	29.20 ft	120.0 ml/min

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 5/20/2026 9:51:35 AM
Project: Plant Wansley Ash Pond
Operator Name: D. Johnson

Location Name: WGWC-38S **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 49.5 ft** **Total Depth: 59.5 ft** **Initial Depth to Water: 27.72 ft**	**Pump Type: Portable Bladder Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 54.5 ft** **Estimated Total Volume Pumped: 37367.5 ml** **Flow Cell Volume: 130 ml** **Final Flow Rate: 150 ml/min** **Final Draw Down: 5.77 ft**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1183974**

Test Notes:
Sample time 1404. Sunny 81 degrees F

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 3	+/- 5 %	+/- 10 %	+/- 10	+/- 25	+/- 0.3	
5/20/2026 9:51 AM	00:00	5.956 pH	21.48 °C	441.2 µS/cm	1.118 mg/L	8.540 NTU	3.8 mV	28.24 ft	150.0 ml/min
5/20/2026 9:56 AM	05:00	6.003 pH	21.47 °C	435.3 µS/cm	0.457 mg/L	7.150 NTU	3.6 mV	28.84 ft	150.0 ml/min
5/20/2026 10:01 AM	10:00	5.952 pH	21.34 °C	430.0 µS/cm	0.618 mg/L	6.580 NTU	-0.3 mV	29.40 ft	150.0 ml/min
5/20/2026 10:06 AM	15:00	5.910 pH	21.92 °C	430.1 µS/cm	0.684 mg/L	8.240 NTU	0.9 mV	30.01 ft	150.0 ml/min
5/20/2026 10:11 AM	20:00	5.928 pH	22.17 °C	436.4 µS/cm	0.814 mg/L	8.780 NTU	-2.1 mV	30.12 ft	150.0 ml/min
5/20/2026 10:16 AM	25:00	5.932 pH	22.37 °C	444.2 µS/cm	0.925 mg/L	8.750 NTU	-5.4 mV	30.14 ft	150.0 ml/min
5/20/2026 10:21 AM	30:00	5.969 pH	22.46 °C	452.2 µS/cm	0.940 mg/L	9.230 NTU	-9.0 mV	30.26 ft	150.0 ml/min
5/20/2026 10:22 AM	31:16	5.964 pH	22.58 °C	454.5 µS/cm	0.978 mg/L	11.10 NTU	-10.1 mV	30.26 ft	150.0 ml/min
5/20/2026 10:27 AM	36:16	5.995 pH	22.67 °C	458.7 µS/cm	1.006 mg/L	13.60 NTU	-12.6 mV	30.53 ft	150.0 ml/min
5/20/2026 10:31 AM	40:14	5.969 pH	23.59 °C	440.2 µS/cm	1.192 mg/L	30.30 NTU	-14.1 mV	30.64 ft	150.0 ml/min
5/20/2026 10:34 AM	43:21	5.972 pH	23.36 °C	431.5 µS/cm	1.057 mg/L	54.30 NTU	-14.5 mV	30.73 ft	150.0 ml/min
5/20/2026 10:39 AM	48:21	5.996 pH	23.97 °C	430.1 µS/cm	0.909 mg/L	48.30 NTU	-17.1 mV	30.91 ft	150.0 ml/min
5/20/2026 10:44 AM	53:21	6.006 pH	24.02 °C	431.3 µS/cm	0.897 mg/L	38.80 NTU	-18.8 mV	31.08 ft	150.0 ml/min
5/20/2026 10:46 AM	54:56	6.006 pH	24.05 °C	431.7 µS/cm	0.893 mg/L	38.20 NTU	-19.3 mV	31.21 ft	150.0 ml/min
5/20/2026 10:51 AM	59:56	6.007 pH	24.01 °C	434.0 µS/cm	0.944 mg/L	38.80 NTU	-20.3 mV	31.21 ft	150.0 ml/min

5/20/2026 10:56 AM	01:04:56	6.022 pH	24.04 °C	436.7 µS/cm	1.030 mg/L	35.10 NTU	-22.7 mV	31.33 ft	150.0 ml/min
5/20/2026 11:01 AM	01:09:56	5.992 pH	24.62 °C	437.4 µS/cm	1.016 mg/L	34.50 NTU	-23.1 mV	31.48 ft	150.0 ml/min
5/20/2026 11:06 AM	01:14:56	6.020 pH	24.64 °C	438.2 µS/cm	1.008 mg/L	33.90 NTU	-25.7 mV	31.62 ft	150.0 ml/min
5/20/2026 11:11 AM	01:19:56	5.992 pH	24.74 °C	440.7 µS/cm	0.999 mg/L	33.60 NTU	-25.4 mV	31.73 ft	150.0 ml/min
5/20/2026 11:16 AM	01:24:56	6.017 pH	25.08 °C	442.0 µS/cm	1.001 mg/L	34.70 NTU	-28.3 mV	31.82 ft	150.0 ml/min
5/20/2026 11:21 AM	01:29:56	5.998 pH	24.98 °C	443.1 µS/cm	1.119 mg/L	29.70 NTU	-27.9 mV	31.87 ft	150.0 ml/min
5/20/2026 11:26 AM	01:34:56	6.012 pH	25.36 °C	443.0 µS/cm	1.103 mg/L	33.10 NTU	-30.5 mV	31.93 ft	150.0 ml/min
5/20/2026 11:31 AM	01:39:56	6.001 pH	25.80 °C	444.9 µS/cm	1.133 mg/L	32.60 NTU	-31.2 mV	31.99 ft	150.0 ml/min
5/20/2026 11:36 AM	01:44:56	5.928 pH	26.11 °C	443.0 µS/cm	1.081 mg/L	32.40 NTU	-28.8 mV	32.16 ft	150.0 ml/min
5/20/2026 11:41 AM	01:49:56	6.010 pH	25.85 °C	445.1 µS/cm	1.056 mg/L	31.70 NTU	-34.1 mV	32.23 ft	150.0 ml/min
5/20/2026 11:46 AM	01:54:56	5.977 pH	25.18 °C	445.3 µS/cm	1.096 mg/L	31.80 NTU	-32.1 mV	32.27 ft	150.0 ml/min
5/20/2026 11:51 AM	01:59:56	6.017 pH	25.07 °C	445.2 µS/cm	1.049 mg/L	27.20 NTU	-34.7 mV	32.34 ft	150.0 ml/min
5/20/2026 11:56 AM	02:04:56	5.995 pH	25.38 °C	445.3 µS/cm	1.124 mg/L	26.70 NTU	-34.8 mV	32.38 ft	150.0 ml/min
5/20/2026 12:01 PM	02:09:56	5.891 pH	25.61 °C	445.0 µS/cm	1.182 mg/L	25.80 NTU	-31.3 mV	32.41 ft	150.0 ml/min
5/20/2026 12:06 PM	02:14:56	6.012 pH	25.20 °C	448.0 µS/cm	1.122 mg/L	25.70 NTU	-37.2 mV	32.44 ft	150.0 ml/min
5/20/2026 12:11 PM	02:19:56	5.974 pH	24.82 °C	449.1 µS/cm	1.173 mg/L	24.20 NTU	-35.8 mV	32.57 ft	150.0 ml/min
5/20/2026 12:16 PM	02:24:56	6.019 pH	25.50 °C	454.8 µS/cm	1.166 mg/L	23.40 NTU	-40.3 mV	32.62 ft	150.0 ml/min
5/20/2026 12:21 PM	02:29:56	6.008 pH	25.50 °C	462.2 µS/cm	1.167 mg/L	27.90 NTU	-41.1 mV	32.67 ft	150.0 ml/min
5/20/2026 12:26 PM	02:34:56	6.027 pH	25.79 °C	465.8 µS/cm	1.062 mg/L	26.90 NTU	-44.3 mV	32.72 ft	150.0 ml/min
5/20/2026 12:31 PM	02:39:56	6.025 pH	25.66 °C	467.8 µS/cm	1.073 mg/L	25.40 NTU	-44.8 mV	32.85 ft	150.0 ml/min
5/20/2026 12:36 PM	02:44:56	5.968 pH	25.79 °C	465.4 µS/cm	1.167 mg/L	23.10 NTU	-42.4 mV	32.89 ft	150.0 ml/min
5/20/2026 12:41 PM	02:49:56	6.044 pH	25.65 °C	472.2 µS/cm	1.152 mg/L	22.50 NTU	-47.6 mV	32.87 ft	150.0 ml/min
5/20/2026 12:46 PM	02:54:56	6.015 pH	25.88 °C	473.9 µS/cm	1.087 mg/L	20.80 NTU	-47.6 mV	32.95 ft	150.0 ml/min
5/20/2026 12:51 PM	02:59:56	6.045 pH	26.22 °C	474.5 µS/cm	1.054 mg/L	21.30 NTU	-50.7 mV	32.95 ft	150.0 ml/min
5/20/2026 12:56 PM	03:04:56	6.032 pH	26.29 °C	474.8 µS/cm	1.140 mg/L	23.80 NTU	-51.2 mV	32.95 ft	150.0 ml/min
5/20/2026 1:01 PM	03:09:56	5.922 pH	25.42 °C	470.0 µS/cm	1.133 mg/L	24.20 NTU	-43.2 mV	32.95 ft	150.0 ml/min
5/20/2026 1:06 PM	03:14:56	6.042 pH	25.72 °C	482.0 µS/cm	1.014 mg/L	25.00 NTU	-52.1 mV	33.13 ft	150.0 ml/min
5/20/2026 1:11 PM	03:19:56	6.012 pH	25.49 °C	477.1 µS/cm	1.072 mg/L	26.70 NTU	-50.7 mV	33.18 ft	150.0 ml/min
5/20/2026 1:16 PM	03:24:56	6.050 pH	25.56 °C	481.0 µS/cm	0.940 mg/L	27.80 NTU	-53.8 mV	33.22 ft	150.0 ml/min

5/20/2026 1:21 PM	03:29:56	6.032 pH	25.97 °C	481.9 µS/cm	0.866 mg/L	29.70 NTU	-55.1 mV	33.27 ft	150.0 ml/min
5/20/2026 1:26 PM	03:34:56	5.935 pH	26.17 °C	483.7 µS/cm	0.731 mg/L	33.80 NTU	-53.3 mV	33.32 ft	150.0 ml/min
5/20/2026 1:31 PM	03:39:56	6.044 pH	26.47 °C	491.9 µS/cm	0.592 mg/L	37.90 NTU	-61.7 mV	33.37 ft	150.0 ml/min
5/20/2026 1:36 PM	03:44:56	5.990 pH	26.46 °C	486.8 µS/cm	0.560 mg/L	43.80 NTU	-61.1 mV	33.41 ft	150.0 ml/min
5/20/2026 1:41 PM	03:49:56	6.030 pH	26.60 °C	477.4 µS/cm	0.680 mg/L	42.70 NTU	-62.8 mV	33.44 ft	150.0 ml/min
5/20/2026 1:46 PM	03:54:56	6.022 pH	26.98 °C	489.9 µS/cm	0.675 mg/L	40.30 NTU	-63.2 mV	33.44 ft	150.0 ml/min
5/20/2026 2:00 PM	04:09:07	6.039 pH	27.18 °C	495.6 µS/cm	0.804 mg/L	39.80 NTU	-64.6 mV	33.49 ft	150.0 ml/min

Samples

Sample ID:	Description:

Low-Flow Test Report:

Test Date / Time: 5/21/2026 1:22:03 PM
Project: Plant Wansley Ash Pond
Operator Name: J. May

Location Name: WGWC-39 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 31.46 ft** **Total Depth: 41.46 ft** **Initial Depth to Water: 32.24 ft**	**Pump Type: Portable Bladder Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 38 ft** **Estimated Total Volume Pumped: 20.625 liter** **Flow Cell Volume: 130 ml** **Final Flow Rate: 75 ml/min** **Final Draw Down: 71.52 in**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1183990**

Test Notes:
Well purged dry; allow for overnight recharge
Sunny, 70s

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 3	+/- 5 %	+/- 10 %	+/- 10	+/- 25	+/- 0.3	
5/21/2026 1:22 PM	00:00	4.515 pH	22.38 °C	33.11 µS/cm	6.884 mg/L	44.80 NTU	133.3 mV	32.24 ft	150.0 ml/min
5/21/2026 1:27 PM	05:00	4.275 pH	20.27 °C	32.73 µS/cm	6.921 mg/L	65.40 NTU	158.5 mV	32.70 ft	150.0 ml/min
5/21/2026 1:32 PM	10:00	4.269 pH	19.84 °C	32.78 µS/cm	6.940 mg/L	50.40 NTU	169.6 mV	33.00 ft	150.0 ml/min
5/21/2026 1:37 PM	15:00	4.285 pH	19.78 °C	33.15 µS/cm	6.903 mg/L	43.60 NTU	177.9 mV	33.20 ft	150.0 ml/min
5/21/2026 1:42 PM	20:00	4.304 pH	19.74 °C	33.35 µS/cm	7.024 mg/L	40.60 NTU	184.7 mV	33.50 ft	150.0 ml/min
5/21/2026 1:47 PM	25:00	4.301 pH	19.65 °C	33.55 µS/cm	6.814 mg/L	37.80 NTU	191.5 mV	33.80 ft	150.0 ml/min
5/21/2026 1:52 PM	30:00	4.308 pH	19.68 °C	33.46 µS/cm	6.716 mg/L	33.40 NTU	197.9 mV	34.10 ft	150.0 ml/min
5/21/2026 1:57 PM	35:00	4.320 pH	19.80 °C	33.38 µS/cm	6.568 mg/L	28.70 NTU	203.7 mV	34.40 ft	150.0 ml/min
5/21/2026 2:02 PM	40:00	4.346 pH	19.86 °C	33.27 µS/cm	6.705 mg/L	25.20 NTU	207.9 mV	34.70 ft	150.0 ml/min
5/21/2026 2:07 PM	45:00	4.421 pH	19.90 °C	33.15 µS/cm	6.540 mg/L	23.20 NTU	210.0 mV	34.80 ft	150.0 ml/min
5/21/2026 2:12 PM	50:00	4.418 pH	19.84 °C	32.97 µS/cm	6.622 mg/L	21.80 NTU	215.1 mV	35.10 ft	150.0 ml/min
5/21/2026 2:17 PM	55:00	4.424 pH	19.67 °C	32.70 µS/cm	6.436 mg/L	20.70 NTU	219.4 mV	35.30 ft	150.0 ml/min
5/21/2026 2:22 PM	01:00:00	4.434 pH	19.66 °C	32.45 µS/cm	6.340 mg/L	21.20 NTU	223.4 mV	35.60 ft	150.0 ml/min
5/21/2026 2:27 PM	01:05:00	4.452 pH	19.59 °C	32.27 µS/cm	6.346 mg/L	20.70 NTU	226.4 mV	35.80 ft	150.0 ml/min

5/21/2026 2:32 PM	01:10:00	4.458 pH	19.72 °C	32.21 µS/cm	6.246 mg/L	20.50 NTU	229.3 mV	36.10 ft	150.0 ml/min
5/21/2026 2:37 PM	01:15:00	4.459 pH	19.69 °C	32.13 µS/cm	6.217 mg/L	20.20 NTU	232.3 mV	36.30 ft	150.0 ml/min
5/21/2026 2:42 PM	01:20:00	4.451 pH	19.61 °C	32.02 µS/cm	6.254 mg/L	18.00 NTU	235.7 mV	36.50 ft	150.0 ml/min
5/21/2026 2:47 PM	01:25:00	4.468 pH	19.62 °C	31.48 µS/cm	6.138 mg/L	24.50 NTU	238.3 mV	36.80 ft	150.0 ml/min
5/21/2026 2:52 PM	01:30:00	4.468 pH	19.62 °C	31.04 µS/cm	5.934 mg/L	33.40 NTU	241.1 mV	37.00 ft	150.0 ml/min
5/21/2026 2:57 PM	01:35:00	4.580 pH	20.33 °C	31.39 µS/cm	6.051 mg/L	55.60 NTU	237.6 mV	37.10 ft	75.00 ml/min
5/21/2026 3:02 PM	01:40:00	4.595 pH	20.67 °C	31.46 µS/cm	6.129 mg/L	110.0 NTU	238.5 mV	37.20 ft	75.00 ml/min
5/21/2026 3:07 PM	01:45:00	4.584 pH	20.66 °C	31.53 µS/cm	6.183 mg/L	96.80 NTU	241.2 mV	37.30 ft	75.00 ml/min
5/21/2026 3:12 PM	01:50:00	4.573 pH	20.63 °C	31.50 µS/cm	6.141 mg/L	81.70 NTU	243.9 mV	37.30 ft	75.00 ml/min
5/21/2026 3:17 PM	01:55:00	4.571 pH	20.76 °C	31.49 µS/cm	6.068 mg/L	76.20 NTU	246.1 mV	37.40 ft	75.00 ml/min
5/21/2026 3:22 PM	02:00:00	4.571 pH	20.68 °C	31.51 µS/cm	6.116 mg/L	71.30 NTU	248.1 mV	37.40 ft	75.00 ml/min
5/21/2026 3:27 PM	02:05:00	4.573 pH	20.68 °C	31.54 µS/cm	6.101 mg/L	72.70 NTU	249.9 mV	37.50 ft	75.00 ml/min
5/21/2026 3:32 PM	02:10:00	4.566 pH	20.67 °C	31.53 µS/cm	6.089 mg/L	56.90 NTU	252.0 mV	37.60 ft	75.00 ml/min
5/21/2026 3:37 PM	02:15:00	4.564 pH	20.62 °C	31.50 µS/cm	6.079 mg/L	40.20 NTU	254.0 mV	37.70 ft	75.00 ml/min
5/21/2026 3:42 PM	02:20:00	4.556 pH	20.61 °C	31.52 µS/cm	5.978 mg/L	30.70 NTU	256.2 mV	37.80 ft	75.00 ml/min
5/21/2026 3:47 PM	02:25:00	4.554 pH	20.61 °C	31.55 µS/cm	6.083 mg/L	24.80 NTU	257.9 mV	37.80 ft	75.00 ml/min
5/21/2026 3:52 PM	02:30:00	4.564 pH	20.68 °C	31.50 µS/cm	6.106 mg/L	31.40 NTU	259.0 mV	37.90 ft	75.00 ml/min
5/21/2026 3:57 PM	02:35:00	4.557 pH	20.47 °C	31.51 µS/cm	6.125 mg/L	37.60 NTU	261.1 mV	37.90 ft	75.00 ml/min
5/21/2026 4:02 PM	02:40:00	4.540 pH	20.53 °C	31.56 µS/cm	6.154 mg/L	53.30 NTU	263.4 mV	38.00 ft	75.00 ml/min
5/21/2026 4:07 PM	02:45:00	4.537 pH	20.46 °C	31.57 µS/cm	6.205 mg/L	75.20 NTU	265.1 mV	38.00 ft	75.00 ml/min
5/21/2026 4:12 PM	02:50:00	4.539 pH	20.58 °C	31.46 µS/cm	6.063 mg/L	79.00 NTU	266.6 mV	38.10 ft	75.00 ml/min
5/21/2026 4:17 PM	02:55:00	4.540 pH	20.85 °C	31.62 µS/cm	6.011 mg/L	75.10 NTU	268.2 mV	38.20 ft	75.00 ml/min
5/21/2026 4:22 PM	03:00:00	4.546 pH	20.96 °C	31.82 µS/cm	6.159 mg/L	62.20 NTU	269.0 mV	38.20 ft	75.00 ml/min

Samples

Sample ID:	Description:

Low-Flow Test Report:

Test Date / Time: 5/22/2026 9:44:03 AM
Project: Plant Wansley Ash Pond
Operator Name: J. May

Location Name: WGWC-39 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 31.46 ft** **Total Depth: 41.46 ft** **Initial Depth to Water: 32.35 ft**	**Pump Type: Portable Bladder Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 38 ft** **Estimated Total Volume Pumped: 1.125 liter** **Flow Cell Volume: 130 ml** **Final Flow Rate: 75 ml/min** **Final Draw Down: 6.6 in**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1235076**

Test Notes:
Sample Time: 0959
Sampled after overnight recharge
Cloudy, 60s

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 3	+/- 5 %	+/- 10 %	+/- 10	+/- 25	+/- 0.3	
5/22/2026 9:44 AM	00:00	4.238 pH	22.91 °C	62.12 µS/cm	8.003 mg/L	58.20 NTU	194.2 mV	32.35 ft	75.00 ml/min
5/22/2026 9:49 AM	05:00	4.197 pH	20.61 °C	36.79 µS/cm	7.145 mg/L	22.20 NTU	165.5 mV	32.70 ft	75.00 ml/min
5/22/2026 9:54 AM	10:00	4.213 pH	20.23 °C	34.99 µS/cm	6.944 mg/L	9.130 NTU	155.2 mV	32.80 ft	75.00 ml/min
5/22/2026 9:59 AM	15:00	4.243 pH	19.95 °C	33.96 µS/cm	7.015 mg/L	6.780 NTU	143.4 mV	32.90 ft	75.00 ml/min

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 5/19/2026 2:22:05 PM
Project: Plant Wansley Ash Pond
Operator Name: J. May

Location Name: WGWC-40 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 39.78 ft** **Total Depth: 49.78 ft** **Initial Depth to Water: 26.12 ft**	**Pump Type: Peristaltic Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 45.78 ft** **Estimated Total Volume Pumped: 5 liter** **Flow Cell Volume: 130 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 32.16 in**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1183990**

Test Notes:
Sample Time: 1447
Sunny, 80s

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 3	+/- 5 %	+/- 10 %	+/- 10	+/- 25	+/- 0.3	
5/19/2026 2:22 PM	00:00	5.134 pH	32.19 °C	66.70 µS/cm	4.999 mg/L	2.340 NTU	115.0 mV	26.12 ft	200.0 ml/min
5/19/2026 2:27 PM	05:00	4.805 pH	24.56 °C	43.22 µS/cm	4.051 mg/L	1.000 NTU	123.7 mV	27.80 ft	200.0 ml/min
5/19/2026 2:32 PM	10:00	4.764 pH	26.22 °C	42.18 µS/cm	3.897 mg/L	0.940 NTU	134.0 mV	28.40 ft	200.0 ml/min
5/19/2026 2:37 PM	15:00	4.733 pH	24.72 °C	40.24 µS/cm	3.739 mg/L	0.890 NTU	144.8 mV	28.60 ft	200.0 ml/min
5/19/2026 2:42 PM	20:00	4.759 pH	24.51 °C	41.59 µS/cm	3.762 mg/L	0.770 NTU	152.1 mV	28.70 ft	200.0 ml/min
5/19/2026 2:47 PM	25:00	4.752 pH	24.48 °C	42.03 µS/cm	3.641 mg/L	0.650 NTU	161.4 mV	28.80 ft	200.0 ml/min

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 5/19/2026 9:22:26 AM
Project: Plant Wansley Ash Pond
Operator Name: N.Nance

Location Name: WGWC-41 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 21.96 ft** **Total Depth: 31.96 ft** **Initial Depth to Water: 31.33 ft**	**Pump Type: Peristaltic Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 31.66 ft** **Estimated Total Volume Pumped: 500 ml** **Flow Cell Volume: 130 ml** **Final Flow Rate: 100 ml/min** **Final Draw Down: 0.63 ft**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1183974**

Test Notes:
Well purged dry. Allow for overnight recharge. Return 5/20/26.
Log 1.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 3	+/- 5 %	+/- 10 %	+/- 10	+/- 25	+/- 0.3	
5/19/2026 9:22 AM	00:00	5.367 pH	21.01 °C	196.9 µS/cm	6.469 mg/L	843.0 NTU	162.8 mV	31.78 ft	100.0 ml/min
5/19/2026 9:27 AM	05:00	5.347 pH	18.97 °C	189.0 µS/cm	6.809 mg/L	900.0 NTU	141.9 mV	31.96 ft	100.0 ml/min

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 5/20/2026 9:28:50 AM
Project: Plant Wansley Ash Pond
Operator Name: N.nance

Location Name: WGWC-41 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 21.96 ft** **Total Depth: 31.96 ft** **Initial Depth to Water: 31.33 ft**	**Pump Type: Peristaltic Pump** **Tubing Type: Poly** **Tubing Inner Diameter: 0.17 in** **Pump Intake From TOC: 26.96 ft** **Estimated Total Volume Pumped: 150 ml** **Flow Cell Volume: 130 ml** **Final Flow Rate: 50 ml/min** **Final Draw Down: 0.63 ft**	**Instrument Used: Aqua TROLL 500** **Serial Number: 1183974**

Test Notes:
Purged dry. Log 2.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 3	+/- 5 %	+/- 10 %	+/- 10	+/- 25	+/- 0.3	
5/20/2026 9:28 AM	00:00	5.666 pH	22.12 °C	242.7 µS/cm	7.808 mg/L	135.0 NTU	172.5 mV	31.77 ft	50.00 ml/min
5/20/2026 9:29 AM	01:00	5.484 pH	22.65 °C	249.7 µS/cm	7.848 mg/L	130.0 NTU	195.3 mV	31.82 ft	50.00 ml/min
5/20/2026 9:30 AM	02:00	5.651 pH	23.11 °C	248.4 µS/cm	7.835 mg/L	132.0 NTU	189.1 mV	31.90 ft	50.00 ml/min
5/20/2026 9:31 AM	03:00	5.655 pH	23.47 °C	250.8 µS/cm	7.814 mg/L	137.0 NTU	188.9 mV	31.96 ft	50.00 ml/min

Samples

Sample ID:	Description:

Created using VuSitu from In-Situ, Inc.

Field Instrumentation Calibration Form

ATLANTIC COAST CONSULTING, INC.

Site Name: Plant Wansley AP

Date: 5/18/26

Calibrated By: D. Johnson / N. Nance

Field Conditions: Sunny, 72°F

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	Aqua Troll 500	12350716
Turbidity Meter	Geotech	29126325

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
D.O. (%)	N/A	DI H_2O	N/A	N/A
pH (SU)	4.00	56710397	09/27	PINE
pH (SU)	7.00	56710631	11/27	PINE
pH (SU)	10.00	56611245	11/27	PINE
Specific Conductance (µS/cm)	1,413	56710959	09/26	PINE
ORP (mV)	240.0	56710371	6/26	PINE

	Standard	Lot #	Date of Expiration	Brand
Turbidity (NTU)	0	DI H_2O	N/A	N/A
	10	—	(W) No 10 NTU Standard	HACH
	20	92D	12/27	HACH
	100	92D	12/27	HACH

Calibration					
Time Start: 0857		Time Finish: 0915			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
D.O. (%)	N/A	103%	25.20	± 10%	EPA 2023
pH (SU)	4.00	4.00	24.38	± 0.1	GWMP
pH (SU)	7.00	7.00	23.85	± 0.1	GWMP
pH (SU)	10.00	10.00	24.01	± 0.1	GWMP
Specific Conductance (µS/cm)	1,413	~~1410~~ 1413	25.00	± 10% of standard	NA
ORP (mV)	240.0	228.9	25.20	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	0	0.11	± 10% of standard	EPA 2023
	10	no 10 standard.		
	20	20.3		
	100	100		

Calibration Check					
Time Start 1402		Time Finish 1407			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
pH (SU)	4.00	3.98	30.85	± 0.1	GWMP
pH (SU)	7.00	6.99	30.59	± 0.1	GWMP
pH (SU)	10.00	9.91	30.32	± 0.1	GWMP
Specific Conductance (µS/cm)	1,413	1410	31.00	± 10% of standard	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	0	0.17	± 10% of standard	EPA 2023
	10	no 10 standard.		
	20	20.1		
	100	100		

Notes:

Field Instrumentation Calibration Form

ATLANTIC COAST CONSULTING, INC.

Site Name: Plant Wansley Date: 5/19/26

Calibrated By: D. Johnson, N. Nance Field Conditions: Sunny, 69°F

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	Aqua Troll 500	~~12350760~~ 65 1183974
Turbidity Meter	Geotech	25126325

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
D.O. (%)	N/A	DI H_2O	N/A	N/A
pH (SU)	4.00	5G10399	9/27	PINE
pH (SU)	7.00	5G10631	6/27	PINE
pH (SU)	10.00	5G41245	4/27	PINE
Specific Conductance (µS/cm)	1,413	5G16959	9/26	PINE
ORP (mV)	240.0	5G10371	6/26	PINE

	Standard	Lot #	Date of Expiration	Brand
Turbidity (NTU)	0	DI H_2O	N/A	N/A
	10	———	no 10 standard 65	HACH
	20	92D	12/27	HACH
	100	92D	12/27	HACH

Calibration					
Time Start: 0820		Time Finish: 0848			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
D.O. (%)	N/A	7.43	26.87	± 10%	EPA 2023
pH (SU)	4.00	4.00	23.32	± 0.1	GWMP
pH (SU)	7.00	7.00	26.05	± 0.1	GWMP
pH (SU)	10.00	10.05	22.22	± 0.1	GWMP
Specific Conductance (µS/cm)	1,413	1413	25.00	± 10% of standard	NA
ORP (mV)	240.0	230.1	~~26.87~~ 24.26	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	0	0.17	No 10NTU Standard ± 10% of standard	EPA 2023
	10	———		
	20	20.8		
	100	102		

Calibration Check					
Time Start 1300		Time Finish 1307			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
pH (SU)	4.00	4.05	28.32	± 0.1	GWMP
pH (SU)	7.00	7.02	28.44	± 0.1	GWMP
pH (SU)	10.00	10.04	28.35	± 0.1	GWMP
Specific Conductance (µS/cm)	1,413	1411	27.99	± 10% of standard	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	0	0.11	± 10% of standard	EPA 2023
	10	no 10 standard		
	20	20.3		
	100	101		

Notes:

Field Instrumentation Calibration Form

ATLANTIC COAST CONSULTING, INC.

Site Name: Plant Wansley AP

Date: 5/20/26

Calibrated By: N. Warner

Field Conditions: Sunny 72°F

Instrument	Manufacturer/ Model	Serial Number
Water Quality Meter	AQUAtrom STO	1183974
Turbidity Meter	Greenteam	25726325

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
D.O. (%)	N/A	DI H_2O	N/A	N/A
pH (SU)	4.00	SG710399	9/27	PINE
pH (SU)	7.00	SG710431	4/27	PINE
pH (SU)	10.00	SG710345	4/27	PINE
Specific Conductance (µS/cm)	1,413	SG710459	9/26	PINE
ORP (mV)	240.0	SG710377	6/26	PINE

	Standard	Lot #	Date of Expiration	Brand
Turbidity (NTU)	0	DI H_2O	N/A	N/A
	10	9250 (W)	12/27	HACH
	20	↓ (W)	↓ (W)	HACH
	100			HACH

Calibration					
Time Start: 0930		Time Finish: 0957			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
D.O. (%)	N/A	100%	31.76°C	± 10%	EPA 2023
pH (SU)	4.00	4.00	24.09	± 0.1 ✓	GWMP
pH (SU)	7.00	7.00	24.39	± 0.1 ✓	GWMP
pH (SU)	10.00	10.00	23.97	± 0.1 ✓	GWMP
Specific Conductance (µS/cm)	1,413	1413	25.00	± 10% of standard ✓	NA
ORP (mV)	240.0	~~227.0~~ 240.5 (W)	27.13	± 10 ✓	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	0	0.58	✓	
	10	— (W)	no 10 NTU standard (W) ± 10% of standard	EPA 2023
	20	19.8	✓	
	100	101	✓	

Calibration Check					
Time Start 1400		Time Finish 1402			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
pH (SU)	4.00	4.03	28.34	± 0.1	GWMP
pH (SU)	7.00	7.06	29.02	± 0.1	GWMP
pH (SU)	10.00	10.04	29.00	± 0.1	GWMP
Specific Conductance (µS/cm)	1,413	1414	29.10	± 10% of standard	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	0	0.16		
	10	no 10 standard	± 10% of standard	EPA 2023
	20	20.0		
	100	101		

Notes:

Field Instrumentation Calibration Form

ATLANTIC COAST CONSULTING, INC.

Site Name: Plant Wansley AP

Date: 5/21/26

Calibrated By: D. Johnson

Field Conditions: Cloudy, 76°F

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	Aqua Troll 500	1183974
Turbidity Meter	GeoTech	25126325

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
D.O. (%)	N/A	DI H_2O	N/A	N/A
pH (SU)	4.00	5G10399	9/27	PINE
pH (SU)	7.00	5G10631	11/27	PINE
pH (SU)	10.00	5G19245	11/27	PINE
Specific Conductance (µS/cm)	1,413	5G10959	9/26	PINE
ORP (mV)	240.0	5G10371	6/26	PINE

	Standard	Lot #	Date of Expiration	Brand
Turbidity (NTU)	0	DI H_2O	N/A	N/A
	10		12/27 BJ no 10 standard	HACH
	20	920	12/27	HACH
	100	920	12/27	HACH

Calibration					
Time Start: 0845		Time Finish: 0900			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
D.O. (%)	N/A	100.0	23.00	± 10%	EPA 2023
pH (SU)	4.00	4.00	23.32	± 0.1	GWMP
pH (SU)	7.00	7.05	22.97	± 0.1	GWMP
pH (SU)	10.00	10.02	23.24	± 0.1	GWMP
Specific Conductance (µS/cm)	1,413	1414	25.00	± 10% of standard	NA
ORP (mV)	240.0	241.0	23.09	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	0	0.18	± 10% of standard	EPA 2023
	10	no 10 standard.		
	20	20.1		
	100	101		

Calibration Check					
Time Start 1340		Time Finish 1347			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
pH (SU)	4.00	4.01	26.02	± 0.1	GWMP
pH (SU)	7.00	7.04	26.14	± 0.1	GWMP
pH (SU)	10.00	10.01	26.09	± 0.1	GWMP
Specific Conductance (µS/cm)	1,413	1414	26.10	± 10% of standard	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	0	0.20	± 10% of standard	EPA 2023
	10	no 10 standard		
	20	20.0		
	100	100		

Notes:

Field Instrumentation Calibration Form

ATLANTIC COAST CONSULTING, INC.

Site Name: Plant Wansley AP

Date: 5/22/26

Calibrated By: D. Johnson

Field Conditions: Cloudy, 74°F

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	AquaTroll 500	1183974
Turbidity Meter	Geotech	25126325

Calibration Standard Information

Parameter	Standard	Lot #	Date of Expiration	Brand
D.O. (%)	N/A	DI H_2O	N/A	N/A
pH (SU)	4.00	5G10399	9/27	PINE
pH (SU)	7.00	5G10631	11/27	PINE
pH (SU)	10.00	5G19245	11/27	PINE
Specific Conductance (µS/cm)	1,413	5G10959	9/26	PINE
ORP (mV)	240.0	5G10371	6/26	PINE

	Standard	Lot #	Date of Expiration	Brand
Turbidity (NTU)	0	DI H_2O	N/A	N/A
	10	no 10 Standard		HACH
	20	92D	12/27	HACH
	100	92D	12/27	HACH

Calibration

Time Start: 0850 Time Finish: 0912

Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
D.O. (%)	N/A	101.32	25.00	± 10%	EPA 2023
pH (SU)	4.00	4.00	24.34	± 0.1	GWMP
pH (SU)	7.00	7.02	24.25	± 0.1	GWMP
pH (SU)	10.00	10.00	24.35	± 0.1	GWMP
Specific Conductance (µS/cm)	1,413	1411	25.00	± 10% of standard	NA
ORP (mV)	240.0	241.2	24.74	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	0	0.19	± 10% of standard	EPA 2023
	10	no 10 standard		
	20	20.0		
	100	99.8		

Calibration Check

Time Start 1200 Time Finish 1207

Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
pH (SU)	4.00	4.03	26.72	± 0.1	GWMP
pH (SU)	7.00	7.01	26.66	± 0.1	GWMP
pH (SU)	10.00	10.00	26.70	± 0.1	GWMP
Specific Conductance (µS/cm)	1,413	1415	26.55	± 10% of standard	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	0	0.21	± 10% of standard	EPA 2023
	10	no 10 standard		
	20	20.1		
	100	100		

Notes:

Field Instrumentation Calibration Form

ATLANTIC COAST CONSULTING, INC.

Site Name: Plant Wansley

Date: 05-19-26

Calibrated By: J. May

Field Conditions: Sunny, 80s

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	AquaTroll 500	1183990
Turbidity Meter	Hach 2100Q	24010D000462

Calibration Standard Information

Parameter	Standard	Lot #	Date of Expiration	Brand
D.O. (%)	N/A	DI H_2O	N/A	N/A
pH (SU)	4.00	5G10399	09/27	PINE
pH (SU)	7.00	5GK0631	11/27	PINE
pH (SU)	10.00	5G10401	09/27	PINE
Specific Conductance (µS/cm)	1,413	4GJ0461	10/26	PINE
ORP (mV)	240.0	5G10371	06/20	PINE

	Standard	Lot #	Date of Expiration	Brand
Turbidity (NTU)	0	DI H_2O	N/A	N/A
	10	A5083	06/26	HACH
	20	A5092	07/26	HACH
	100	A5081	06/26	HACH

Calibration

Time Start: 0930 Time Finish: 0945

Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
D.O. (%)	N/A	100.0	23.92	± 10%	EPA 2023
pH (SU)	4.00	4.00	22.64	± 0.1	GWMP
pH (SU)	7.00	7.02	22.40	± 0.1	GWMP
pH (SU)	10.00	10.05	22.07	± 0.1	GWMP
Specific Conductance (µS/cm)	1,413	1413.0	23.12	± 10% of standard	NA
ORP (mV)	~~240.0~~ 229.7	225.3	24.59	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	0	0.30	± 10% of standard	EPA 2023
	10	10.2		
	20	20.1		
	100	100		

Calibration Check

Time Start 1200 Time Finish 1210

Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
pH (SU)	4.00	4.00	25.16	± 0.1	GWMP
pH (SU)	7.00	7.02	25.33	± 0.1	GWMP
pH (SU)	10.00	10.05	25.40	± 0.1	GWMP
Specific Conductance (µS/cm)	1,413	1413.0	25.61	± 10% of standard	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	0	0.11	± 10% of standard	EPA 2023
	10	10.0		
	20	19.8		
	100	101		

Notes:

Field Instrumentation Calibration Form

ATLANTIC COAST CONSULTING, INC.

Site Name: Plant Wansley

Date: 05-20-26

Calibrated By: J. May

Field Conditions: Sunny, 80s

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	Aquaprobe 500	1183990
Turbidity Meter	Hach 2100Q	24010D000462

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
D.O. (%)	N/A	DI H_2O	N/A	N/A
pH (SU)	4.00	5G10399	09/27	PINE
pH (SU)	7.00	5GK0031	11/27	PINE
pH (SU)	10.00	5G10401	09/27	PINE
Specific Conductance (µS/cm)	1,413	4GJ0461	10/26	PINE
ORP (mV)	240.0	5G10371	06/26	PINE

	Standard	Lot #	Date of Expiration	Brand
Turbidity (NTU)	0	DI H_2O	N/A	N/A
	10	A5083	06/26	HACH
	20	A5092	07/26	HACH
	100	A5081	06/26	HACH

Calibration					
Time Start: 0845		Time Finish: 0900			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
D.O. (%)	N/A	100.0	23.24	± 10%	EPA 2023
pH (SU)	4.00	4.00	22.13	± 0.1	GWMP
pH (SU)	7.00	7.02	22.17	± 0.1	GWMP
pH (SU)	10.00	10.05	22.14	± 0.1	GWMP
Specific Conductance (µS/cm)	1,413	1413.0	22.35	± 10% of standard	NA
ORP (mV)	~~240.0~~ 232.6	235.8	22.38	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	0	0.26	± 10% of standard	EPA 2023
	10	10.0		
	20	20.2		
	100	99.8		

Calibration Check					
Time Start 1400		Time Finish 1410			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
pH (SU)	4.00	4.00	26.86	± 0.1	GWMP
pH (SU)	7.00	7.02	27.11	± 0.1	GWMP
pH (SU)	10.00	10.05	27.05	± 0.1	GWMP
Specific Conductance (µS/cm)	1,413	1413.0	20.78	± 10% of standard	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	0	0.22	± 10% of standard	EPA 2023
	10	10.2		
	20	19.3		
	100	100		

Notes:

Field Instrumentation Calibration Form

ATLANTIC COAST CONSULTING, INC.

Site Name: Plant Wansley

Date: 05-21-26

Calibrated By: J. May

Field Conditions: Cloudy, 70s

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	AquaTroll 500	1183990
Turbidity Meter	Hach 2100Q	24010D000462

Calibration Standard Information

Parameter	Standard	Lot #	Date of Expiration	Brand
D.O. (%)	N/A	DI H_2O	N/A	N/A
pH (SU)	4.00	5G10399	09/27	PINE
pH (SU)	7.00	5GK0031	11/27	PINE
pH (SU)	10.00	5G10401	09/27	PINE
Specific Conductance (µS/cm)	1,413	4GJ0401	10/26	PINE
ORP (mV)	240.0	5G10371	06/26	PINE

	Standard	Lot #	Date of Expiration	Brand
Turbidity (NTU)	0	DI H_2O	N/A	N/A
	10	A5083	06/26	HACH
	20	A5092	07/26	HACH
	100	A5081	06/26	HACH

Calibration

Time Start: 0840 Time Finish: 0855

Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
D.O. (%)	N/A	100.0	23.42	± 10%	EPA 2023
pH (SU)	4.00	4.00	23.74	± 0.1	GWMP
pH (SU)	7.00	7.00	23.60	± 0.1	GWMP
pH (SU)	10.00	10.00	23.57	± 0.1	GWMP
Specific Conductance (µS/cm)	1,413	1413.0	23.67	± 10% of standard	NA
ORP (mV)	~~240.0~~ 231.0	227.5	23.57	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	0	0.25	± 10% of standard	EPA 2023
	10	10.2		
	20	19.8		
	100	100		

Calibration Check

Time Start 1210 Time Finish 1220

Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
pH (SU)	4.00	4.06	27.26	± 0.1	GWMP
pH (SU)	7.00	7.02	28.01	± 0.1	GWMP
pH (SU)	10.00	10.05	27.77	± 0.1	GWMP
Specific Conductance (µS/cm)	1,413	1413.0	27.61	± 10% of standard	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	0	0.24	± 10% of standard	EPA 2023
	10	10.0		
	20	20.2		
	100	102		

Notes:

Field Instrumentation Calibration Form

ATLANTIC COAST CONSULTING, INC.

Site Name: Plant Wansley

Date: 05-22-26

Calibrated By: J. May

Field Conditions: Sunny, 70s

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	Aquaterrol 1500	12350760
Turbidity Meter	Hach 2100Q	21010D000402

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
D.O. (%)	N/A	DI H_2O	N/A	N/A
pH (SU)	4.00	5G10399	09/27	PINE
pH (SU)	7.00	5G1K0631	11/27	PINE
pH (SU)	10.00	5G10401	09/27	PINE
Specific Conductance (µS/cm)	1,413	4G10461	10/26	PINE
ORP (mV)	240.0	5G10371	06/26	PINE

	Standard	Lot #	Date of Expiration	Brand
Turbidity (NTU)	0	DI H_2O	N/A	N/A
	10	A5083	06/26	HACH
	20	A5092	07/26	HACH
	100	A5081	06/26	HACH

Calibration					
Time Start: 0925		Time Finish: 0940			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
D.O. (%)	N/A	100.0	25.69	± 10%	EPA 2023
pH (SU)	4.00	4.00	25.04	± 0.1	GWMP
pH (SU)	7.00	7.00	24.41	± 0.1	GWMP
pH (SU)	10.00	10.00	24.81	± 0.1	GWMP
Specific Conductance (µS/cm)	1,413	1413.0	24.32	± 10% of standard	NA
ORP (mV)	~~240.0~~ 229.7	242.0	24.56	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	0	0.18	± 10% of standard	EPA 2023
	10	9.81		
	20	19.6		
	100	99.7		

Calibration Check					
Time Start 1300		Time Finish 1310			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
pH (SU)	4.00	4.00	27.68	± 0.1	GWMP
pH (SU)	7.00	7.02	27.82	± 0.1	GWMP
pH (SU)	10.00	10.05	27.77	± 0.1	GWMP
Specific Conductance (µS/cm)	1,413	1413.0	27.34	± 10% of standard	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	0	0.22	± 10% of standard	EPA 2023
	10	10.1		
	20	20.2		
	100	99.8		

Notes:

APPENDIX D

Statistical Analysis Reports

GROUNDWATER STATS
CONSULTING

August 31, 2026

Southern Company Services
Attn: Mr. Trey Singleton
3535 Colonnade Parkway
Birmingham, AL 35243

Re: Plant Wansley Ash Pond
January/February 2026 Background Update & Statistical Analysis

Dear Mr. Singleton,

Groundwater Stats Consulting, formerly the statistical consulting division of Sanitas Technologies, is pleased to provide the January/February 2026 Groundwater Detection and Assessment Monitoring Statistical summary for Georgia Power Company's Plant Wansley Ash Pond. The analysis complies with the Georgia Environmental Protection Division (EPD) Rules for Solid Waste Management Chapter 391-3-4-.10 as well as with the United States Environmental Protection Agency (USEPA) Unified Guidance (2009). The site is in Assessment Monitoring.

Sampling began for Appendix III and IV parameters in 2016 and at least 8 background samples have been collected at each of the groundwater monitoring wells except for those discussed below. The monitoring well network, as provided by Southern Company Services, consists of the following:

- **Upgradient wells:** WGWA-1, WGWA-2, WGWA-3, WGWA-4, WGWA-5, WGWA-6, WGWA-7, and WGWA-18
- **Downgradient wells:** WGWC-8A, WGWC-9, WGWC-10, WGWC-11, WGWC-12, WGWC-13, WGWC-14A, WGWC-15, WGWC-16, WGWC-17, WGWC-19, WGWC-20, WGWC-21, WGWC-22, WGWC-23, WGWC-24, and WGWC-25
    - **Downgradient wells (Installed 2025):** WGWC-30, WGWC-31D, WGWC-31S, WGWC-32, WGWC-33, WGWC-34D, WGWC-34S, WGWC-35D, WGWC-35S, WGWC-36D, WGWC-36S, WGWC-37D,

WGWC-37S, WGWC-38D, WGWC-38S, WGWC-39, WGWC-40, WGWC-41, and WGWC-42

- **Assessment wells:** WGWC-27, WGWC-28D, PZ-26D, WAMW-1, WAMW-2, and PZ-31

Note that downgradient wells WGWC-30, WGWC-31D, WGWC-31S, WGWC-32, WGWC-33, WGWC-34D, WGWC-34S, WGWC-35D, WGWC-35S, WGWC-36D, WGWC-36S, WGWC-37D, WGWC-37S, WGWC-38D, WGWC-38S, WGWC-39, WGWC-40, WGWC-41, and WGWC-42 were first sampled in October 2025, and data at these wells will be evaluated with interwell prediction limits and confidence intervals for Appendix III and IV constituents, respectively, once a minimum of 8 samples has been collected. Additionally, upgradient well WGWA-5 was, reportedly, damaged; therefore, this well has not been sampled for Appendix III and IV parameters since the Fall 2024 event. Historical data from this well, however, characterize groundwater upgradient of the facility and will continue to be used in constructing interwell statistical limits. Downgradient well WGWC-8 has been reclassified as a piezometer and replacement well WGWC-8A was first sampled in February 2026. Assessment well PZ-31 was first sampled in February 2025 and has a maximum of 4 observations.

Assessment wells are evaluated for Appendix IV constituents using confidence intervals. While the USEPA Unified Guidance recommends a minimum of 8 samples, confidence intervals may be constructed when at least 4 samples are available for assessment wells.

Data were sent electronically to Groundwater Stats Consulting, and the statistical analysis was reviewed by Andrew Collins, Project Manager for Groundwater Stats Consulting.

The Coal Combustion Residuals (CCR) program consists of the constituents listed below. The terms "parameters" and "constituents" are used interchangeably.

- **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

Time series plots for Appendix III and IV parameters at all wells are provided for the purpose of screening data at these wells (Figure A). Additionally, box plots are 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. A summary of flagged outliers follows this report (Figure C).

Note that when there are no detections present in downgradient wells for a given constituent, statistical analyses are not required. A summary of Appendix IV well/constituent pairs containing 100% non-detects follows this letter. Data from these wells are plotted on the time series and box plots, but no formal statistics were required.

For all constituents, a substitution of the most recent reporting limit is used for non-detect data. In the case of fluoride, it was noted that varying reporting limits were provided by the laboratory during this analysis. Therefore, the most recent reporting limit of 0.2 mg/L was substituted for all non-detects for fluoride to be consistent with previous analyses.

During the background screening conducted by MacStat Consulting in 2017, data at all wells were evaluated for the following: 1) outliers; 2) trends; 3) most appropriate statistical method for Appendix III parameters 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 with the screening to demonstrate that the selected statistical methods for Appendix III parameters comply with the USEPA Unified Guidance. 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.

Summary of Statistical Methods:

Based on the evaluation for state and federal regulatory requirements, the following methods were selected for Appendix III and IV constituents:

- Appendix III: Interwell prediction limits, combined with a 1-of-2 resample plan for boron, calcium, chloride, fluoride, pH, sulfate, and TDS
- Appendix IV: Confidence intervals on downgradient well data compared against Ground Water Protection Standards (GWPS) for each Appendix IV constituent

Parametric prediction limits, tolerance limits, and confidence intervals are utilized when the screened historical data follow a normal or transformed-normal distribution. When data cannot be normalized or the majority of data are non-detects, a nonparametric test is utilized. While the false positive rate associated with the parametric prediction limits is based on an annual 10% (5% per semi-annual event) as recommended by the EPA Unified Guidance (2009), the false positive rate associated with the nonparametric prediction

limits is dependent upon the available background sample size, number of future comparisons, and verification resample plan. The distribution of data is tested using the Shapiro-Wilk/Shapiro-Francia test for normality. After testing for normality and performing any adjustments as discussed below (US EPA, 2009), data are analyzed using either parametric or non-parametric prediction limits. Non-detects are handled as follows:

- No statistical analyses are required on wells and analytes containing 100% non-detects (USEPA Unified Guidance, 2009, Chapter 6).
- When data contain <15% non-detects, simple substitution of one-half the most recent reporting limit is utilized in the statistical analysis. The reporting limit utilized for non-detects is the most recent practical quantification limit (PQL) as reported by the laboratory.
- When data contain between 15-50% non-detects, the Kaplan-Meier non-detect adjustment is applied to the background data for parametric limits. This technique adjusts the mean and standard deviation of the historical concentrations to account for concentrations below the reporting limit.
- Nonparametric prediction limits are used on data containing greater than 50% non-detects.

Note that values shown on data pages reflect raw data and any non-detects that have been substituted with one-half of the reporting limit will be shown as "<" the original reporting limit on the data pages.

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. While this was not required for this analysis, in some cases, the earlier portion of data record may require deselecting 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.

For Appendix III detection monitoring parameters, compliance is determined by comparing the most recent observation to a background prediction limit. The corresponding trend tests for evaluating prediction limit exceedances of Appendix III parameters are performed at the 99% confidence level to provide a high level of confidence against false positives. For Appendix IV assessment monitoring parameters, however, compliance is assessed by comparing a full (or truncated) period of record to a

GWPS using a confidence interval. The corresponding trend tests for evaluating confidence interval exceedances of Appendix IV constituents are performed at the 95% confidence level to provide greater capability of identifying potential trends than the 99% confidence level. Additionally, the 95% confidence level is recommended in cases with limited sample sizes and, particularly, for new assessment wells.

Summary of Background Update – Conducted in January/February 2026

Outlier Analysis

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

Tukey's outlier test identified values for barium, chloride, cobalt, and combined radium 226 + 228. Any values identified by Tukey's but not flagged in the database appeared similar to surrounding concentrations among pooled upgradient well data, resulted in statistical limits representative of near-term and potentially future background, or in the case of Appendix IV parameters, were below their respective regulatory standard (such as a Maximum Contaminant Level (MCL)). Previously flagged values were confirmed using the Tukey's outlier test to evaluate pooled upgradient well data (Figure C) and visual screening with time series plots. When any values are flagged in the database as outliers, the measurements are plotted in a disconnected and lighter symbol on the time series graph. The accompanying data pages display the flagged value in a lighter font as well. No additional values were flagged as outliers during this update.

Seasonality

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

Trend Test Evaluation

While trends can be identified by visual inspection, a quantification of the trend and its statistical significance is needed. The Sen's Slope/Mann Kendall trend test was used to evaluate all data at each upgradient well to identify statistically significant increasing or decreasing trends at 99% for Appendix III parameters and at 95% for Appendix IV parameters (Figure D). 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 trends are present, all available data are evaluated to determine whether earlier concentration levels are significantly different than current reported concentrations and will be deselected as necessary. When any records of data are truncated for the reasons above, a summary report will be provided to show the date ranges used in construction of the statistical limits. The following statistically significant trends were identified at upgradient wells:

Appendix III

Increasing

- Calcium: WGWA-1
- Chloride: WGWA-2
- Sulfate: WGWA-4
- TDS: WGWA-1

Decreasing

- Calcium: WGWA-18
- Chloride: WGWA-5
- Fluoride: WGWA-18
- pH: WGWA-2, WGWA-3, and WGWA-18
- Sulfate: WGWA-18

Appendix IV

Increasing

- Barium: WGWA-1 and WGWA-6
- Combined Radium 226 + 228: WGWA-4, WGWA-6, and WGWA-18

Decreasing

- Cobalt: WGWA-1, WGWA-2, WGWA-5, and WGWA-18
- Fluoride: WGWA-4 and WGWA-18

While identifying upgradient trends is useful for understanding and characterization of upgradient background groundwater quality, truncation of the records to remove the trend may be appropriate when the trend would result in statistical limits that are not

representative of upgradient groundwater quality and/or not able to detect downgradient changes that result from the facility. Deselecting data at upgradient wells is done with caution as similar observations may be observed at one or more downgradient wells depending on transport times.

Although several statistically significant trends were identified among individual wells, observations early in the record fell within the range of more recent concentrations among the respective wells or within the range of observations among pooled upgradient well data, and truncating the earlier measurements from these records to reduce the influence of the trend would not impact resulting interwell prediction limits and interwell tolerance limits. In some cases for Appendix IV parameters, the significant trends did not adversely affect GWPS as all concentrations were below established MCLs. Therefore, no adjustments were required for these well/constituent pairs at this time, and all data from upgradient wells were used to construct interwell prediction limits and interwell tolerance limits for Appendix III and IV parameters, respectively. All data will be re-evaluated during the next background update.

Statistical Evaluation of Appendix III Parameters – January/February 2026

All Appendix III parameters were analyzed using interwell prediction limits. Background (upgradient) well data were reassessed for potential outliers during this analysis. Values in background which have been flagged as outliers and may be seen in a lighter font and as a disconnected symbol on the graphs. No additional values were flagged for Appendix III parameters and a summary of previously flagged outliers follows this report (Figure C).

Interwell Prediction Limits

Interwell prediction limits, combined with a 1-of-2 resample plan, were constructed using all historical upgradient well data through January/February 2026 (Figure E). Interwell prediction limits pool upgradient well data to establish a background limit for an individual constituent. The January/February 2026 sample from each downgradient well is compared to the background limit to determine whether initial exceedances are present.

In the event of an initial exceedance of compliance well data, the 1-of-2 resample plan allows for collection of one additional sample to determine whether the initial exceedance is confirmed. When 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 the resample falls within the statistical limit, the initial exceedance is considered 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. A summary table of the background prediction limits and exceedances follows this letter. Exceedances were identified for the following well/constituent pairs:

- Boron: WGWC-9, WGWC-16, WGWC-20, WGWC-22, WGWC-24, WGWC-25, WGWC-27, and WGWC-28D
- Calcium: WGWC-20 and WGWC-28D
- Chloride: WGWC-16, WGWC-20, WGWC-21, WGWC-24, WGWC-25, WGWC-27, and WGWC-28D
- Fluoride: WGWC-9, WGWC-15, WGWC-19, WGWC-20, WGWC-21, WGWC-27, and WGWC-28D
- Sulfate: WGWC-9, WGWC-16, WGWC-20, WGWC-21, WGWC-22, WGWC-24, WGWC-25, WGWC-27, and WGWC-28D
- TDS: WGWC-20, WGWC-21, and WGWC-28D

Trend Test Evaluation – Appendix III

When prediction limit exceedances are identified in downgradient wells, data are further evaluated using the Sen's Slope/Mann Kendall trend test at the 99% confidence level 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 variability in groundwater unrelated to practices at the site. A summary of the Appendix III trend test results follows this letter. Statistically significant trends were noted for the following well/constituent pairs:

Increasing trends:

- Boron: WGWC-9 and WGWC-20
- Calcium: WGWA-1 (upgradient)
- Chloride: WGWA-2 (upgradient)
- Sulfate: WGWA-4 (upgradient) and WGWC-9
- TDS: WGWA-1 (upgradient)

Decreasing trends:

- Boron: WGWC-16 and WGWC-24
- Calcium: WGWA-18 (upgradient)
- Chloride: WGWA-5 (upgradient), WGWC-16, and WGWC-24
- Fluoride: WGWA-18 (upgradient), WGWC-9, and WGWC-15
- Sulfate: WGWA-18 (upgradient), WGWC-16, and WGWC-24

Statistical Methods – Appendix IV Parameters

Appendix IV parameters are evaluated by statistically comparing the mean or median of each downgradient well/constituent pair against corresponding GWPS. The GWPS may be either regulatory (MCLs or CCR rule-specified limits) or site-specific limits that are based on upgradient background groundwater quality. Site-specific background limits are determined using upper tolerance limits, and the comparison of downgradient means or medians to GWPS is performed using confidence intervals. The methods are described below.

Statistical Evaluation of Appendix IV Parameters – January/February 2026

For Appendix IV parameters, confidence intervals for each downgradient well/constituent were compared against corresponding GWPS. Downgradient and assessment well/constituent pairs containing 100% non-detects do not require analysis. Data from all upgradient wells for Appendix IV parameters are reassessed for outliers during each analysis prior to constructing statistical limits. All previously flagged measurements were confirmed, and a complete list of outliers follows this report (Figure C). No additional values were flagged for Appendix IV parameters.

Interwell Upper Tolerance Limits

Interwell tolerance limits were used to calculate site-specific background limits from all available pooled upgradient well data through February 2026 for Appendix IV constituents (Figure G). Parametric tolerance limits are calculated, with a target of 95% confidence and 95% coverage, when data follow a normal or transformed-normal distribution. When data contained greater than 50% non-detects or did not follow a normal or transformed-normal distribution, non-parametric tolerance limits were constructed using the highest background measurement. The confidence and coverage levels for nonparametric tolerance limits are dependent upon the number of background samples.

Groundwater Protection Standards

The background limits were then used when determining the groundwater protection standard (GWPS) under 40 CFR §257.95(h) and Georgia EPD Rule 391-3-4-.10(6)(a). On July 30, 2018, US EPA revised the Federal CCR rule updating GWPS for cobalt, lead, lithium, and molybdenum as described above in 40 CFR §257.95(h)(2). Effective on February 22, 2022, Georgia EPD incorporated the updated GWPS into the current Georgia EPD Rules

for Solid Waste Management 391-3-4-.10(6)(a). In accordance with the updated Rules, the GWPS is:

- The maximum contaminant level (MCL) established under §141.62 and §141.66 of this title
- Where an MCL has not been established for a constituent, Federal and State CCR Rules specify levels for cobalt (0.006 mg/L), lead (0.015 mg/L), lithium (0.040 mg/L), and molybdenum (0.100 mg/L)
- The respective background level for a constituent when the background level is higher than the MCL or Federal CCR Rule identified GWPS

Following Georgia EPD Rule requirements and the Federal CCR requirements, GWPS were established for statistical comparison of Appendix IV constituents for this sample event (Figure H).

Confidence Intervals

To complete the statistical comparison to GWPS, confidence intervals were constructed using data through January/February 2026 for each of the Appendix IV constituents in each downgradient well with a minimum of 8 samples and in each assessment well with a minimum of 4 samples. These intervals were constructed as either parametric or nonparametric confidence intervals depending on the data distribution and percentage of non-detects. When data followed a normal or transformed-normal distribution, parametric confidence intervals were used for Appendix IV parameters. Nonparametric confidence intervals, which use the appropriate order statistics depending on the sample size, as interval limits, were constructed when data did not follow a normal or transformed-normal distribution or when there were greater than 50% non-detects. The lower confidence limit, which is constructed with 99% confidence for parametric confidence intervals, is compared to the GWPS prepared as described above. The achievable confidence level associated with nonparametric confidence intervals is dependent upon the number of samples available.

Note that due to a statistically significant increasing trend for lithium at downgradient well WGWC-21 with more recent concentrations reported at or above the GWPS, a minimum of the most recent 8 observations was used to construct a confidence interval on more relatively stable data (USEPA Unified Guidance, 2009, Chapter 7). Trend tests using both the full and truncated records follow this report (Figure I).

The confidence intervals were compared to the GWPS established using the rules mentioned above. Only when the entire confidence interval is above a GWPS is the downgradient well/constituent pair considered to exceed its respective standard. If there

is an exceedance of the GWPS, a statistically significant level (SSL) exceedance is identified. Summaries and graphical results of the confidence intervals analyses follow this letter (Figure J). Exceedances were noted for the following well/constituent pairs:

- Beryllium: WGWC-20 and WGWC-24
- Cobalt: WGWC-24
- Lithium: WGWC-19, WGWC-20, WGWC-21, and WGWC-28D

Trend Test Evaluation – Appendix IV

Data at wells with confidence interval exceedances are further evaluated using the Sen's Slope/Mann Kendall trend test at the 95% confidence level to determine whether concentrations are statistically increasing, decreasing, or stable (Figure K). Upgradient wells are included in the trend analyses to identify whether similar patterns exist upgradient of the site for the same constituents. When trends are present in upgradient wells, it is an indication of variability in groundwater quality unrelated to practices at the site. A summary of the Appendix IV trend test results follows this letter. Statistically significant trends were identified for the following well/constituent pairs

Increasing trends:

- Lithium: WGWC-19, WGWC-20, and WGWC-21

Decreasing trends:

- Beryllium: WGWC-24
- Cobalt: WGWA-1, WGWA-2, WGWA-5, WGWA-18 (all upgradient), and WGWC-24

Addendum Report – Well PZ-31

As mentioned above, well PZ-31 was first sampled in February 2025 and currently has a maximum of 4 observations. Beryllium, cobalt, and fluoride each have 4 observations among Appendix IV parameters; therefore, confidence intervals were constructed for these well/constituent pairs (Figure L). No exceedances were identified.

Summary

Observations from the January/February 2026 sample event at Wansley AP were compared to established interwell prediction limits for all Appendix III constituents. Exceedances were identified for the following well/constituent pairs:

- Boron: WGWC-9, WGWC-16, WGWC-20, WGWC-22, WGWC-24, WGWC-25, WGWC-27, and WGWC-28D
- Calcium: WGWC-20 and WGWC-28D
- Chloride: WGWC-16, WGWC-20, WGWC-21, WGWC-24, WGWC-25, WGWC-27, and WGWC-28D
- Fluoride: WGWC-9, WGWC-15, WGWC-19, WGWC-20, WGWC-21, WGWC-27, and WGWC-28D
- Sulfate: WGWC-9, WGWC-16, WGWC-20, WGWC-21, WGWC-22, WGWC-24, WGWC-25, WGWC-27, and WGWC-28D
- TDS: WGWC-20, WGWC-21, and WGWC-28D

When confidence intervals were constructed on downgradient and assessment wells for Appendix IV constituents and compared to respective GWPS, exceedances were noted for the following well/constituent pairs:

- Beryllium: WGWC-20 and WGWC-24
- Cobalt: WGWC-24
- Lithium: WGWC-19, WGWC-20, WGWC-21, and WGWC-28D

Thank you for the opportunity to assist you in the statistical analysis of groundwater quality for Plant Wansley Ash Pond. If you have any questions or comments, please feel free to contact us.

For Groundwater Stats Consulting,

Abdul Diane
Groundwater Analyst

Andrew T. Collins
Project Manager

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Summary Tables

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Date Ranges

Date: 3/31/2026 2:04 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

Lithium (mg/L)

WGWC-21 overall:3/3/2022-2/11/2026

100% Non-Detects: Appendix IV Downgradient & Assessment

Analysis Run 8/17/2026 12:32 PM View: Confidence Intervals
Plant Wansley Client: Southern Company Data: Wansley AP 1

Antimony (mg/L)
WGWC-10, WGWC-13, WGWC-14A, WGWC-15, WGWC-16, WGWC-17, WGWC-24, WGWC-25, WAMW-1, WAMW-2

Arsenic (mg/L)
WGWC-19, WGWC-23, WGWC-27, PZ-26D

Beryllium (mg/L)
WGWC-10, WGWC-11, WGWC-13, WGWC-15, WGWC-17, WGWC-19, WAMW-1, PZ-26D

Cadmium (mg/L)
WGWC-9, WGWC-11, WGWC-12, WGWC-13, WGWC-14A, WGWC-15, WGWC-17, WGWC-19, WGWC-21, WGWC-23, WGWC-28D, WAMW-1, WAMW-2, PZ-26D

Chromium (mg/L)
WGWC-12, WGWC-16, WGWC-17, WGWC-19, WGWC-20, WGWC-22, WGWC-24, WGWC-25, WGWC-27, WAMW-2, PZ-26D

Lead (mg/L)
WGWC-20, WGWC-21, WGWC-27, WAMW-1, WAMW-2

Mercury (mg/L)
WGWC-27, WGWC-28D, WAMW-1, WAMW-2, PZ-26D

Molybdenum (mg/L)
WGWC-16, WGWC-23, WGWC-24, WGWC-25, WGWC-27

Selenium (mg/L)
WGWC-13, WGWC-17, WGWC-21, WGWC-25, WGWC-27, WAMW-1, WAMW-2, PZ-26D

Thallium (mg/L)
WGWC-9, WGWC-12, WGWC-13, WGWC-17, WGWC-20, WGWC-23, WGWC-25, WGWC-27, WGWC-28D, WAMW-2, PZ-26D

Appendix III Trend Tests - Upgradient Wells - Significant Results

Plant Wansley Client: Southern Company Data: Wansley AP 1 Printed 4/20/2026, 3:52 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Calcium (mg/L)	**WGWA-1 (bg)**	**0.03788**	**190**	**124**	**Yes**	**27**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**WGWA-18 (bg)**	**-1.224**	**-180**	**-124**	**Yes**	**27**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**WGWA-2 (bg)**	**0.05226**	**160**	**124**	**Yes**	**27**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**WGWA-5 (bg)**	**-0.09982**	**-140**	**-98**	**Yes**	**23**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Fluoride (mg/L)	**WGWA-18 (bg)**	**-0.007449**	**-153**	**-146**	**Yes**	**30**	**20**	**n/a**	**n/a**	**0.01**	**NP**
pH, Field (SU)	**WGWA-2 (bg)**	**-0.0258**	**-162**	**-146**	**Yes**	**30**	**0**	**n/a**	**n/a**	**0.01**	**NP**
pH, Field (SU)	**WGWA-3 (bg)**	**-0.02854**	**-179**	**-146**	**Yes**	**30**	**0**	**n/a**	**n/a**	**0.01**	**NP**
pH, Field (SU)	**WGWA-18 (bg)**	**-0.1192**	**-199**	**-146**	**Yes**	**30**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**WGWA-4 (bg)**	**0.2664**	**187**	**124**	**Yes**	**27**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**WGWA-18 (bg)**	**-0.487**	**-150**	**-124**	**Yes**	**27**	**0**	**n/a**	**n/a**	**0.01**	**NP**
TDS (mg/L)	**WGWA-1 (bg)**	**2.578**	**151**	**124**	**Yes**	**27**	**14.81**	**n/a**	**n/a**	**0.01**	**NP**

Appendix III Trend Tests - Upgradient Wells - All Results

Plant Wansley Client: Southern Company Data: Wansley AP 1 Printed 4/20/2026, 3:52 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Boron (mg/L)	WGWA-1 (bg)	0	-13	-118	No	26	96.15	n/a	n/a	0.01	NP
Boron (mg/L)	WGWA-2 (bg)	0	-32	-118	No	26	84.62	n/a	n/a	0.01	NP
Boron (mg/L)	WGWA-3 (bg)	0	0	118	No	26	100	n/a	n/a	0.01	NP
Boron (mg/L)	WGWA-4 (bg)	0	0	118	No	26	100	n/a	n/a	0.01	NP
Boron (mg/L)	WGWA-5 (bg)	0	-17	-92	No	22	95.45	n/a	n/a	0.01	NP
Boron (mg/L)	WGWA-6 (bg)	0	0	118	No	26	100	n/a	n/a	0.01	NP
Boron (mg/L)	WGWA-7 (bg)	0	-13	-118	No	26	96.15	n/a	n/a	0.01	NP
Boron (mg/L)	WGWA-18 (bg)	0	16	118	No	26	92.31	n/a	n/a	0.01	NP
Calcium (mg/L)	**WGWA-1 (bg)**	**0.03788**	**190**	**124**	**Yes**	**27**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	WGWA-2 (bg)	0	-31	-124	No	27	0	n/a	n/a	0.01	NP
Calcium (mg/L)	WGWA-3 (bg)	0	19	124	No	27	0	n/a	n/a	0.01	NP
Calcium (mg/L)	WGWA-4 (bg)	0	47	124	No	27	0	n/a	n/a	0.01	NP
Calcium (mg/L)	WGWA-5 (bg)	-0.03453	-24	-98	No	23	0	n/a	n/a	0.01	NP
Calcium (mg/L)	WGWA-6 (bg)	0.1414	77	124	No	27	0	n/a	n/a	0.01	NP
Calcium (mg/L)	WGWA-7 (bg)	0.02465	43	124	No	27	0	n/a	n/a	0.01	NP
Calcium (mg/L)	**WGWA-18 (bg)**	**-1.224**	**-180**	**-124**	**Yes**	**27**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	WGWA-1 (bg)	0.04181	91	124	No	27	0	n/a	n/a	0.01	NP
Chloride (mg/L)	**WGWA-2 (bg)**	**0.05226**	**160**	**124**	**Yes**	**27**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	WGWA-3 (bg)	0	-4	-124	No	27	0	n/a	n/a	0.01	NP
Chloride (mg/L)	WGWA-4 (bg)	0	8	124	No	27	3.704	n/a	n/a	0.01	NP
Chloride (mg/L)	**WGWA-5 (bg)**	**-0.09982**	**-140**	**-98**	**Yes**	**23**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	WGWA-6 (bg)	0	46	124	No	27	0	n/a	n/a	0.01	NP
Chloride (mg/L)	WGWA-7 (bg)	0	23	124	No	27	0	n/a	n/a	0.01	NP
Chloride (mg/L)	WGWA-18 (bg)	-0.02521	-61	-124	No	27	0	n/a	n/a	0.01	NP
Fluoride (mg/L)	WGWA-1 (bg)	0	-6	-146	No	30	76.67	n/a	n/a	0.01	NP
Fluoride (mg/L)	WGWA-2 (bg)	-0.0002948	-73	-146	No	30	40	n/a	n/a	0.01	NP
Fluoride (mg/L)	WGWA-3 (bg)	0	-26	-146	No	30	66.67	n/a	n/a	0.01	NP
Fluoride (mg/L)	WGWA-4 (bg)	-0.004124	-117	-146	No	30	6.667	n/a	n/a	0.01	NP
Fluoride (mg/L)	WGWA-5 (bg)	0	32	118	No	26	88.46	n/a	n/a	0.01	NP
Fluoride (mg/L)	WGWA-6 (bg)	-0.001167	-46	-146	No	30	13.33	n/a	n/a	0.01	NP
Fluoride (mg/L)	WGWA-7 (bg)	0	-12	-146	No	30	76.67	n/a	n/a	0.01	NP
Fluoride (mg/L)	**WGWA-18 (bg)**	**-0.007449**	**-153**	**-146**	**Yes**	**30**	**20**	**n/a**	**n/a**	**0.01**	**NP**
pH, Field (SU)	WGWA-1 (bg)	-0.01991	-117	-146	No	30	0	n/a	n/a	0.01	NP
pH, Field (SU)	**WGWA-2 (bg)**	**-0.0258**	**-162**	**-146**	**Yes**	**30**	**0**	**n/a**	**n/a**	**0.01**	**NP**
pH, Field (SU)	**WGWA-3 (bg)**	**-0.02854**	**-179**	**-146**	**Yes**	**30**	**0**	**n/a**	**n/a**	**0.01**	**NP**
pH, Field (SU)	WGWA-4 (bg)	0.02969	65	146	No	30	0	n/a	n/a	0.01	NP
pH, Field (SU)	WGWA-5 (bg)	-0.01322	-27	-118	No	26	0	n/a	n/a	0.01	NP
pH, Field (SU)	WGWA-6 (bg)	0.0346	138	139	No	29	0	n/a	n/a	0.01	NP
pH, Field (SU)	WGWA-7 (bg)	-0.02376	-93	-146	No	30	0	n/a	n/a	0.01	NP
pH, Field (SU)	**WGWA-18 (bg)**	**-0.1192**	**-199**	**-146**	**Yes**	**30**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	WGWA-1 (bg)	0	-3	-124	No	27	92.59	n/a	n/a	0.01	NP
Sulfate (mg/L)	WGWA-2 (bg)	-0.01934	-44	-124	No	27	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	WGWA-3 (bg)	-0.005794	-24	-124	No	27	11.11	n/a	n/a	0.01	NP
Sulfate (mg/L)	**WGWA-4 (bg)**	**0.2664**	**187**	**124**	**Yes**	**27**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	WGWA-5 (bg)	0.028	28	98	No	23	21.74	n/a	n/a	0.01	NP
Sulfate (mg/L)	WGWA-6 (bg)	-0.1017	-92	-124	No	27	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	WGWA-7 (bg)	0	-36	-124	No	27	70.37	n/a	n/a	0.01	NP
Sulfate (mg/L)	**WGWA-18 (bg)**	**-0.487**	**-150**	**-124**	**Yes**	**27**	**0**	**n/a**	**n/a**	**0.01**	**NP**
TDS (mg/L)	**WGWA-1 (bg)**	**2.578**	**151**	**124**	**Yes**	**27**	**14.81**	**n/a**	**n/a**	**0.01**	**NP**
TDS (mg/L)	WGWA-2 (bg)	2.826	89	124	No	27	0	n/a	n/a	0.01	NP
TDS (mg/L)	WGWA-3 (bg)	1.568	123	124	No	27	3.704	n/a	n/a	0.01	NP
TDS (mg/L)	WGWA-4 (bg)	0.4828	74	124	No	27	0	n/a	n/a	0.01	NP
TDS (mg/L)	WGWA-5 (bg)	2.455	47	98	No	23	13.04	n/a	n/a	0.01	NP
TDS (mg/L)	WGWA-6 (bg)	1.444	79	124	No	27	0	n/a	n/a	0.01	NP
TDS (mg/L)	WGWA-7 (bg)	1.934	91	124	No	27	11.11	n/a	n/a	0.01	NP
TDS (mg/L)	WGWA-18 (bg)	-3.79	-116	-124	No	27	0	n/a	n/a	0.01	NP

Appendix IV Trend Tests - Upgradient Wells - Significant Results

Plant Wansley Client: Southern Company Data: Wansley AP 1 Printed 4/22/2026, 1:19 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Barium (mg/L)	**WGWA-1 (bg)**	**0.001037**	**207**	**106**	**Yes**	**29**	**0**	**n/a**	**n/a**	**0.05**	**NP**
Barium (mg/L)	**WGWA-6 (bg)**	**0.0002171**	**155**	**106**	**Yes**	**29**	**0**	**n/a**	**n/a**	**0.05**	**NP**
Cobalt (mg/L)	**WGWA-1 (bg)**	**-0.00006537**	**-269**	**-106**	**Yes**	**29**	**3.448**	**n/a**	**n/a**	**0.05**	**NP**
Cobalt (mg/L)	**WGWA-2 (bg)**	**-0.00007451**	**-211**	**-106**	**Yes**	**29**	**13.79**	**n/a**	**n/a**	**0.05**	**NP**
Cobalt (mg/L)	**WGWA-5 (bg)**	**-0.0002865**	**-116**	**-76**	**Yes**	**23**	**4.348**	**n/a**	**n/a**	**0.05**	**NP**
Cobalt (mg/L)	**WGWA-18 (bg)**	**-0.0002414**	**-176**	**-106**	**Yes**	**29**	**13.79**	**n/a**	**n/a**	**0.05**	**NP**
Combined Radium 226 + 228 (pCi/L)	**WGWA-4 (bg)**	**0.1009**	**180**	**106**	**Yes**	**29**	**0**	**n/a**	**n/a**	**0.05**	**NP**
Combined Radium 226 + 228 (pCi/L)	**WGWA-6 (bg)**	**0.3356**	**194**	**101**	**Yes**	**28**	**0**	**n/a**	**n/a**	**0.05**	**NP**
Combined Radium 226 + 228 (pCi/L)	**WGWA-18 (bg)**	**0.03345**	**131**	**106**	**Yes**	**29**	**0**	**n/a**	**n/a**	**0.05**	**NP**
Fluoride (mg/L)	**WGWA-4 (bg)**	**-0.004124**	**-117**	**-112**	**Yes**	**30**	**6.667**	**n/a**	**n/a**	**0.05**	**NP**
Fluoride (mg/L)	**WGWA-18 (bg)**	**-0.007449**	**-153**	**-112**	**Yes**	**30**	**20**	**n/a**	**n/a**	**0.05**	**NP**

Appendix IV Trend Tests - Upgradient Wells - All Results

Plant Wansley Client: Southern Company Data: Wansley AP 1 Printed 4/22/2026, 1:19 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Antimony (mg/L)	WGWA-1 (bg)	0	7	76	No	23	91.3	n/a	n/a	0.05	NP
Antimony (mg/L)	WGWA-2 (bg)	0	0	76	No	23	100	n/a	n/a	0.05	NP
Antimony (mg/L)	WGWA-3 (bg)	0	0	76	No	23	100	n/a	n/a	0.05	NP
Antimony (mg/L)	WGWA-4 (bg)	0	-8	-76	No	23	95.65	n/a	n/a	0.05	NP
Antimony (mg/L)	WGWA-5 (bg)	0	0	58	No	19	100	n/a	n/a	0.05	NP
Antimony (mg/L)	WGWA-6 (bg)	0	0	76	No	23	100	n/a	n/a	0.05	NP
Antimony (mg/L)	WGWA-7 (bg)	0	0	76	No	23	100	n/a	n/a	0.05	NP
Antimony (mg/L)	WGWA-18 (bg)	0	0	76	No	23	100	n/a	n/a	0.05	NP
Arsenic (mg/L)	WGWA-1 (bg)	0	7	106	No	29	93.1	n/a	n/a	0.05	NP
Arsenic (mg/L)	WGWA-2 (bg)	0	20	106	No	29	82.76	n/a	n/a	0.05	NP
Arsenic (mg/L)	WGWA-3 (bg)	0	37	106	No	29	89.66	n/a	n/a	0.05	NP
Arsenic (mg/L)	WGWA-4 (bg)	0	42	106	No	29	75.86	n/a	n/a	0.05	NP
Arsenic (mg/L)	WGWA-5 (bg)	0	25	85	No	25	92	n/a	n/a	0.05	NP
Arsenic (mg/L)	WGWA-6 (bg)	0	3	106	No	29	89.66	n/a	n/a	0.05	NP
Arsenic (mg/L)	WGWA-7 (bg)	0	9	106	No	29	89.66	n/a	n/a	0.05	NP
Arsenic (mg/L)	WGWA-18 (bg)	0	103	106	No	29	62.07	n/a	n/a	0.05	NP
Barium (mg/L)	**WGWA-1 (bg)**	**0.001037**	**207**	**106**	**Yes**	**29**	**0**	**n/a**	**n/a**	**0.05**	**NP**
Barium (mg/L)	WGWA-2 (bg)	0.0003489	85	106	No	29	0	n/a	n/a	0.05	NP
Barium (mg/L)	WGWA-3 (bg)	0	28	106	No	29	0	n/a	n/a	0.05	NP
Barium (mg/L)	WGWA-4 (bg)	0.00004306	48	106	No	29	0	n/a	n/a	0.05	NP
Barium (mg/L)	WGWA-5 (bg)	0	-15	-85	No	25	0	n/a	n/a	0.05	NP
Barium (mg/L)	**WGWA-6 (bg)**	**0.0002171**	**155**	**106**	**Yes**	**29**	**0**	**n/a**	**n/a**	**0.05**	**NP**
Barium (mg/L)	WGWA-7 (bg)	0	-6	-106	No	29	0	n/a	n/a	0.05	NP
Barium (mg/L)	WGWA-18 (bg)	-0.0003283	-91	-106	No	29	0	n/a	n/a	0.05	NP
Beryllium (mg/L)	WGWA-1 (bg)	0	-9	-106	No	29	89.66	n/a	n/a	0.05	NP
Beryllium (mg/L)	WGWA-2 (bg)	0	-7	-106	No	29	89.66	n/a	n/a	0.05	NP
Beryllium (mg/L)	WGWA-3 (bg)	0	-11	-106	No	29	93.1	n/a	n/a	0.05	NP
Beryllium (mg/L)	WGWA-4 (bg)	0	0	106	No	29	100	n/a	n/a	0.05	NP
Beryllium (mg/L)	WGWA-5 (bg)	0	-2	-85	No	25	96	n/a	n/a	0.05	NP
Beryllium (mg/L)	WGWA-6 (bg)	0	-2	-106	No	29	96.55	n/a	n/a	0.05	NP
Beryllium (mg/L)	WGWA-7 (bg)	0	0	106	No	29	96.55	n/a	n/a	0.05	NP
Beryllium (mg/L)	WGWA-18 (bg)	0	0	106	No	29	100	n/a	n/a	0.05	NP
Cadmium (mg/L)	WGWA-1 (bg)	0	0	96	No	27	100	n/a	n/a	0.05	NP
Cadmium (mg/L)	WGWA-2 (bg)	0	0	96	No	27	100	n/a	n/a	0.05	NP
Cadmium (mg/L)	WGWA-3 (bg)	0	0	96	No	27	100	n/a	n/a	0.05	NP
Cadmium (mg/L)	WGWA-4 (bg)	0	0	96	No	27	100	n/a	n/a	0.05	NP
Cadmium (mg/L)	WGWA-5 (bg)	0	0	76	No	23	100	n/a	n/a	0.05	NP
Cadmium (mg/L)	WGWA-6 (bg)	0	0	96	No	27	100	n/a	n/a	0.05	NP
Cadmium (mg/L)	WGWA-7 (bg)	0	0	96	No	27	100	n/a	n/a	0.05	NP
Cadmium (mg/L)	WGWA-18 (bg)	0	0	96	No	27	100	n/a	n/a	0.05	NP
Chromium (mg/L)	WGWA-1 (bg)	0	-24	-106	No	29	82.76	n/a	n/a	0.05	NP
Chromium (mg/L)	WGWA-2 (bg)	0	2	106	No	29	96.55	n/a	n/a	0.05	NP
Chromium (mg/L)	WGWA-3 (bg)	0	-20	-106	No	29	96.55	n/a	n/a	0.05	NP
Chromium (mg/L)	WGWA-4 (bg)	0	6	106	No	29	96.55	n/a	n/a	0.05	NP
Chromium (mg/L)	WGWA-5 (bg)	0	-20	-85	No	25	96	n/a	n/a	0.05	NP
Chromium (mg/L)	WGWA-6 (bg)	0	6	106	No	29	96.55	n/a	n/a	0.05	NP
Chromium (mg/L)	WGWA-7 (bg)	0	0	101	No	28	100	n/a	n/a	0.05	NP
Chromium (mg/L)	WGWA-18 (bg)	0	17	106	No	29	93.1	n/a	n/a	0.05	NP
Cobalt (mg/L)	**WGWA-1 (bg)**	**-0.00006537**	**-269**	**-106**	**Yes**	**29**	**3.448**	**n/a**	**n/a**	**0.05**	**NP**
Cobalt (mg/L)	**WGWA-2 (bg)**	**-0.00007451**	**-211**	**-106**	**Yes**	**29**	**13.79**	**n/a**	**n/a**	**0.05**	**NP**
Cobalt (mg/L)	WGWA-3 (bg)	0	0	106	No	29	100	n/a	n/a	0.05	NP
Cobalt (mg/L)	WGWA-4 (bg)	0	6	106	No	29	96.55	n/a	n/a	0.05	NP
Cobalt (mg/L)	**WGWA-5 (bg)**	**-0.0002865**	**-116**	**-76**	**Yes**	**23**	**4.348**	**n/a**	**n/a**	**0.05**	**NP**
Cobalt (mg/L)	WGWA-6 (bg)	0	20	106	No	29	86.21	n/a	n/a	0.05	NP
Cobalt (mg/L)	WGWA-7 (bg)	0	-8	-106	No	29	65.52	n/a	n/a	0.05	NP
Cobalt (mg/L)	**WGWA-18 (bg)**	**-0.0002414**	**-176**	**-106**	**Yes**	**29**	**13.79**	**n/a**	**n/a**	**0.05**	**NP**
Combined Radium 226 + 228 (pCi/L)	WGWA-1 (bg)	0.04743	83	101	No	28	0	n/a	n/a	0.05	NP
Combined Radium 226 + 228 (pCi/L)	WGWA-2 (bg)	0.01756	62	106	No	29	0	n/a	n/a	0.05	NP
Combined Radium 226 + 228 (pCi/L)	WGWA-3 (bg)	-0.005232	-10	-106	No	29	0	n/a	n/a	0.05	NP
Combined Radium 226 + 228 (pCi/L)	**WGWA-4 (bg)**	**0.1009**	**180**	**106**	**Yes**	**29**	**0**	**n/a**	**n/a**	**0.05**	**NP**
Combined Radium 226 + 228 (pCi/L)	WGWA-5 (bg)	0.03227	55	85	No	25	0	n/a	n/a	0.05	NP
Combined Radium 226 + 228 (pCi/L)	**WGWA-6 (bg)**	**0.3356**	**194**	**101**	**Yes**	**28**	**0**	**n/a**	**n/a**	**0.05**	**NP**
Combined Radium 226 + 228 (pCi/L)	WGWA-7 (bg)	-0.02227	-46	-106	No	29	0	n/a	n/a	0.05	NP
Combined Radium 226 + 228 (pCi/L)	**WGWA-18 (bg)**	**0.03345**	**131**	**106**	**Yes**	**29**	**0**	**n/a**	**n/a**	**0.05**	**NP**
Fluoride (mg/L)	WGWA-1 (bg)	0	-6	-112	No	30	76.67	n/a	n/a	0.05	NP

Appendix IV Trend Tests - Upgradient Wells - All Results

Plant Wansley Client: Southern Company Data: Wansley AP 1 Printed 4/22/2026, 1:19 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Fluoride (mg/L)	WGWA-2 (bg)	-0.0002948	-73	-112	No	30	40	n/a	n/a	0.05	NP
Fluoride (mg/L)	WGWA-3 (bg)	0	-26	-112	No	30	66.67	n/a	n/a	0.05	NP
Fluoride (mg/L)	**WGWA-4 (bg)**	**-0.004124**	**-117**	**-112**	**Yes**	**30**	**6.667**	**n/a**	**n/a**	**0.05**	**NP**
Fluoride (mg/L)	WGWA-5 (bg)	0	32	90	No	26	88.46	n/a	n/a	0.05	NP
Fluoride (mg/L)	WGWA-6 (bg)	-0.001167	-46	-112	No	30	13.33	n/a	n/a	0.05	NP
Fluoride (mg/L)	WGWA-7 (bg)	0	-12	-112	No	30	76.67	n/a	n/a	0.05	NP
Fluoride (mg/L)	**WGWA-18 (bg)**	**-0.007449**	**-153**	**-112**	**Yes**	**30**	**20**	**n/a**	**n/a**	**0.05**	**NP**
Lead (mg/L)	WGWA-1 (bg)	0	-5	-96	No	27	92.59	n/a	n/a	0.05	NP
Lead (mg/L)	WGWA-2 (bg)	0	-2	-96	No	27	77.78	n/a	n/a	0.05	NP
Lead (mg/L)	WGWA-3 (bg)	0	3	96	No	27	92.59	n/a	n/a	0.05	NP
Lead (mg/L)	WGWA-4 (bg)	0	26	96	No	27	85.19	n/a	n/a	0.05	NP
Lead (mg/L)	WGWA-5 (bg)	0	-9	-76	No	23	86.96	n/a	n/a	0.05	NP
Lead (mg/L)	WGWA-6 (bg)	0	-5	-96	No	27	88.89	n/a	n/a	0.05	NP
Lead (mg/L)	WGWA-7 (bg)	0	0	96	No	27	100	n/a	n/a	0.05	NP
Lead (mg/L)	WGWA-18 (bg)	0	0	96	No	27	100	n/a	n/a	0.05	NP
Lithium (mg/L)	WGWA-1 (bg)	-0.00005109	-58	-101	No	28	35.71	n/a	n/a	0.05	NP
Lithium (mg/L)	WGWA-2 (bg)	0.000006772	13	101	No	28	0	n/a	n/a	0.05	NP
Lithium (mg/L)	WGWA-3 (bg)	0	31	101	No	28	89.29	n/a	n/a	0.05	NP
Lithium (mg/L)	WGWA-4 (bg)	0	8	101	No	28	10.71	n/a	n/a	0.05	NP
Lithium (mg/L)	WGWA-5 (bg)	0	0	76	No	23	95.65	n/a	n/a	0.05	NP
Lithium (mg/L)	WGWA-6 (bg)	0.00003377	27	96	No	27	11.11	n/a	n/a	0.05	NP
Lithium (mg/L)	WGWA-7 (bg)	0	13	101	No	28	96.43	n/a	n/a	0.05	NP
Lithium (mg/L)	WGWA-18 (bg)	0	-8	-101	No	28	82.14	n/a	n/a	0.05	NP
Mercury (mg/L)	WGWA-1 (bg)	0	0	85	No	25	100	n/a	n/a	0.05	NP
Mercury (mg/L)	WGWA-2 (bg)	0	22	85	No	25	96	n/a	n/a	0.05	NP
Mercury (mg/L)	WGWA-3 (bg)	0	43	85	No	25	88	n/a	n/a	0.05	NP
Mercury (mg/L)	WGWA-4 (bg)	0	41	85	No	25	88	n/a	n/a	0.05	NP
Mercury (mg/L)	WGWA-5 (bg)	0	29	66	No	21	85.71	n/a	n/a	0.05	NP
Mercury (mg/L)	WGWA-6 (bg)	0	22	85	No	25	96	n/a	n/a	0.05	NP
Mercury (mg/L)	WGWA-7 (bg)	0	41	85	No	25	92	n/a	n/a	0.05	NP
Mercury (mg/L)	WGWA-18 (bg)	0	35	85	No	25	92	n/a	n/a	0.05	NP
Molybdenum (mg/L)	WGWA-1 (bg)	0	14	106	No	29	96.55	n/a	n/a	0.05	NP
Molybdenum (mg/L)	WGWA-2 (bg)	0	0	106	No	29	100	n/a	n/a	0.05	NP
Molybdenum (mg/L)	WGWA-3 (bg)	0	35	106	No	29	93.1	n/a	n/a	0.05	NP
Molybdenum (mg/L)	WGWA-4 (bg)	0	0	106	No	29	100	n/a	n/a	0.05	NP
Molybdenum (mg/L)	WGWA-5 (bg)	0	-7	-81	No	24	91.67	n/a	n/a	0.05	NP
Molybdenum (mg/L)	WGWA-6 (bg)	0	2	106	No	29	96.55	n/a	n/a	0.05	NP
Molybdenum (mg/L)	WGWA-7 (bg)	0	19	106	No	29	89.66	n/a	n/a	0.05	NP
Molybdenum (mg/L)	WGWA-18 (bg)	0	80	106	No	29	72.41	n/a	n/a	0.05	NP
Selenium (mg/L)	WGWA-1 (bg)	0	25	106	No	29	93.1	n/a	n/a	0.05	NP
Selenium (mg/L)	WGWA-2 (bg)	0	-2	-106	No	29	96.55	n/a	n/a	0.05	NP
Selenium (mg/L)	WGWA-3 (bg)	0	35	106	No	29	93.1	n/a	n/a	0.05	NP
Selenium (mg/L)	WGWA-4 (bg)	0	10	106	No	29	96.55	n/a	n/a	0.05	NP
Selenium (mg/L)	WGWA-5 (bg)	0	6	85	No	25	96	n/a	n/a	0.05	NP
Selenium (mg/L)	WGWA-6 (bg)	0	0	106	No	29	100	n/a	n/a	0.05	NP
Selenium (mg/L)	WGWA-7 (bg)	0	0	106	No	29	100	n/a	n/a	0.05	NP
Selenium (mg/L)	WGWA-18 (bg)	0	33	106	No	29	93.1	n/a	n/a	0.05	NP
Thallium (mg/L)	WGWA-1 (bg)	0	-5	-106	No	29	89.66	n/a	n/a	0.05	NP
Thallium (mg/L)	WGWA-2 (bg)	0	-10	-106	No	29	86.21	n/a	n/a	0.05	NP
Thallium (mg/L)	WGWA-3 (bg)	0	-8	-106	No	29	96.55	n/a	n/a	0.05	NP
Thallium (mg/L)	WGWA-4 (bg)	0	-8	-106	No	29	96.55	n/a	n/a	0.05	NP
Thallium (mg/L)	WGWA-5 (bg)	0	11	85	No	25	92	n/a	n/a	0.05	NP
Thallium (mg/L)	WGWA-6 (bg)	0	2	106	No	29	96.55	n/a	n/a	0.05	NP
Thallium (mg/L)	WGWA-7 (bg)	0	0	106	No	29	96.55	n/a	n/a	0.05	NP
Thallium (mg/L)	WGWA-18 (bg)	0	0	106	No	29	100	n/a	n/a	0.05	NP

Appendix III Interwell Prediction Limits - Significant Results

Plant Wansley Client: Southern Company Data: Wansley AP 1 Printed 4/20/2026, 4:16 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron (mg/L)	WGWC-9	0.1	n/a	2/13/2026	0.61	Yes	204	n/a	n/a	95.59	n/a	n/a	0.00004906	NP Inter (NDs) 1 of 2
Boron (mg/L)	WGWC-16	0.1	n/a	2/10/2026	0.49	Yes	204	n/a	n/a	95.59	n/a	n/a	0.00004906	NP Inter (NDs) 1 of 2
Boron (mg/L)	WGWC-20	0.1	n/a	2/10/2026	4.9	Yes	204	n/a	n/a	95.59	n/a	n/a	0.00004906	NP Inter (NDs) 1 of 2
Boron (mg/L)	WGWC-22	0.1	n/a	2/11/2026	0.29	Yes	204	n/a	n/a	95.59	n/a	n/a	0.00004906	NP Inter (NDs) 1 of 2
Boron (mg/L)	WGWC-24	0.1	n/a	2/10/2026	0.81	Yes	204	n/a	n/a	95.59	n/a	n/a	0.00004906	NP Inter (NDs) 1 of 2
Boron (mg/L)	WGWC-25	0.1	n/a	2/11/2026	0.71	Yes	204	n/a	n/a	95.59	n/a	n/a	0.00004906	NP Inter (NDs) 1 of 2
Boron (mg/L)	WGWC-27	0.1	n/a	2/10/2026	0.16	Yes	204	n/a	n/a	95.59	n/a	n/a	0.00004906	NP Inter (NDs) 1 of 2
Boron (mg/L)	WGWC-28D	0.1	n/a	2/12/2026	8.9	Yes	204	n/a	n/a	95.59	n/a	n/a	0.00004906	NP Inter (NDs) 1 of 2
Calcium (mg/L)	WGWC-20	58	n/a	2/10/2026	170	Yes	212	n/a	n/a	0	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
Calcium (mg/L)	WGWC-28D	58	n/a	2/12/2026	330	Yes	212	n/a	n/a	0	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
Chloride (mg/L)	WGWC-16	6.05	n/a	2/10/2026	23	Yes	212	n/a	n/a	0.4717	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
Chloride (mg/L)	WGWC-20	6.05	n/a	2/10/2026	180	Yes	212	n/a	n/a	0.4717	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
Chloride (mg/L)	WGWC-21	6.05	n/a	2/11/2026	62	Yes	212	n/a	n/a	0.4717	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
Chloride (mg/L)	WGWC-24	6.05	n/a	2/10/2026	17	Yes	212	n/a	n/a	0.4717	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
Chloride (mg/L)	WGWC-25	6.05	n/a	2/11/2026	44	Yes	212	n/a	n/a	0.4717	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
Chloride (mg/L)	WGWC-27	6.05	n/a	2/10/2026	20	Yes	212	n/a	n/a	0.4717	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
Chloride (mg/L)	WGWC-28D	6.05	n/a	2/12/2026	740	Yes	212	n/a	n/a	0.4717	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
Fluoride (mg/L)	WGWC-9	0.284	n/a	2/13/2026	0.96	Yes	236	n/a	n/a	47.88	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
Fluoride (mg/L)	WGWC-15	0.284	n/a	2/10/2026	0.83	Yes	236	n/a	n/a	47.88	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
Fluoride (mg/L)	WGWC-19	0.284	n/a	2/11/2026	0.35	Yes	236	n/a	n/a	47.88	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
Fluoride (mg/L)	WGWC-20	0.284	n/a	2/10/2026	2	Yes	236	n/a	n/a	47.88	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
Fluoride (mg/L)	WGWC-21	0.284	n/a	2/11/2026	2	Yes	236	n/a	n/a	47.88	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
Fluoride (mg/L)	WGWC-27	0.284	n/a	2/10/2026	0.8	Yes	236	n/a	n/a	47.88	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
Fluoride (mg/L)	WGWC-28D	0.284	n/a	2/12/2026	1.9	Yes	236	n/a	n/a	47.88	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
Sulfate (mg/L)	WGWC-9	21	n/a	2/13/2026	78	Yes	212	n/a	n/a	24.53	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
Sulfate (mg/L)	WGWC-16	21	n/a	2/10/2026	35	Yes	212	n/a	n/a	24.53	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
Sulfate (mg/L)	WGWC-20	21	n/a	2/10/2026	390	Yes	212	n/a	n/a	24.53	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
Sulfate (mg/L)	WGWC-21	21	n/a	2/11/2026	270	Yes	212	n/a	n/a	24.53	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
Sulfate (mg/L)	WGWC-22	21	n/a	2/11/2026	61	Yes	212	n/a	n/a	24.53	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
Sulfate (mg/L)	WGWC-24	21	n/a	2/10/2026	60	Yes	212	n/a	n/a	24.53	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
Sulfate (mg/L)	WGWC-25	21	n/a	2/11/2026	26	Yes	212	n/a	n/a	24.53	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
Sulfate (mg/L)	WGWC-27	21	n/a	2/10/2026	22	Yes	212	n/a	n/a	24.53	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
Sulfate (mg/L)	WGWC-28D	21	n/a	2/12/2026	670	Yes	212	n/a	n/a	24.53	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
TDS (mg/L)	WGWC-20	190	n/a	2/10/2026	880	Yes	212	n/a	n/a	5.189	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
TDS (mg/L)	WGWC-21	190	n/a	2/11/2026	590	Yes	212	n/a	n/a	5.189	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
TDS (mg/L)	WGWC-28D	190	n/a	2/12/2026	2100	Yes	212	n/a	n/a	5.189	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2

Appendix III Interwell Prediction Limits - All Results

Plant Wansley Client: Southern Company Data: Wansley AP 1 Printed 4/20/2026, 4:16 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron (mg/L)	**WGWC-9**	**0.1**	**n/a**	**2/13/2026**	**0.61**	**Yes**	**204**	**n/a**	**n/a**	**95.59**	**n/a**	**n/a**	**0.00004906**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	WGWC-10	0.1	n/a	2/10/2026	0.08ND	No	204	n/a	n/a	95.59	n/a	n/a	0.00004906	NP Inter (NDs) 1 of 2
Boron (mg/L)	WGWC-11	0.1	n/a	2/10/2026	0.08ND	No	204	n/a	n/a	95.59	n/a	n/a	0.00004906	NP Inter (NDs) 1 of 2
Boron (mg/L)	WGWC-12	0.1	n/a	2/11/2026	0.08ND	No	204	n/a	n/a	95.59	n/a	n/a	0.00004906	NP Inter (NDs) 1 of 2
Boron (mg/L)	WGWC-13	0.1	n/a	2/10/2026	0.08ND	No	204	n/a	n/a	95.59	n/a	n/a	0.00004906	NP Inter (NDs) 1 of 2
Boron (mg/L)	WGWC-14A	0.1	n/a	2/10/2026	0.08ND	No	204	n/a	n/a	95.59	n/a	n/a	0.00004906	NP Inter (NDs) 1 of 2
Boron (mg/L)	WGWC-15	0.1	n/a	2/10/2026	0.08ND	No	204	n/a	n/a	95.59	n/a	n/a	0.00004906	NP Inter (NDs) 1 of 2
Boron (mg/L)	**WGWC-16**	**0.1**	**n/a**	**2/10/2026**	**0.49**	**Yes**	**204**	**n/a**	**n/a**	**95.59**	**n/a**	**n/a**	**0.00004906**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	WGWC-17	0.1	n/a	2/11/2026	0.08ND	No	204	n/a	n/a	95.59	n/a	n/a	0.00004906	NP Inter (NDs) 1 of 2
Boron (mg/L)	WGWC-19	0.1	n/a	2/11/2026	0.08ND	No	204	n/a	n/a	95.59	n/a	n/a	0.00004906	NP Inter (NDs) 1 of 2
Boron (mg/L)	**WGWC-20**	**0.1**	**n/a**	**2/10/2026**	**4.9**	**Yes**	**204**	**n/a**	**n/a**	**95.59**	**n/a**	**n/a**	**0.00004906**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	WGWC-21	0.1	n/a	2/11/2026	0.081	No	204	n/a	n/a	95.59	n/a	n/a	0.00004906	NP Inter (NDs) 1 of 2
Boron (mg/L)	**WGWC-22**	**0.1**	**n/a**	**2/11/2026**	**0.29**	**Yes**	**204**	**n/a**	**n/a**	**95.59**	**n/a**	**n/a**	**0.00004906**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	WGWC-23	0.1	n/a	2/11/2026	0.08ND	No	204	n/a	n/a	95.59	n/a	n/a	0.00004906	NP Inter (NDs) 1 of 2
Boron (mg/L)	**WGWC-24**	**0.1**	**n/a**	**2/10/2026**	**0.81**	**Yes**	**204**	**n/a**	**n/a**	**95.59**	**n/a**	**n/a**	**0.00004906**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**WGWC-25**	**0.1**	**n/a**	**2/11/2026**	**0.71**	**Yes**	**204**	**n/a**	**n/a**	**95.59**	**n/a**	**n/a**	**0.00004906**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**WGWC-27**	**0.1**	**n/a**	**2/10/2026**	**0.16**	**Yes**	**204**	**n/a**	**n/a**	**95.59**	**n/a**	**n/a**	**0.00004906**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**WGWC-28D**	**0.1**	**n/a**	**2/12/2026**	**8.9**	**Yes**	**204**	**n/a**	**n/a**	**95.59**	**n/a**	**n/a**	**0.00004906**	**NP Inter (NDs) 1 of 2**
Calcium (mg/L)	WGWC-9	58	n/a	2/13/2026	12	No	212	n/a	n/a	0	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
Calcium (mg/L)	WGWC-10	58	n/a	2/10/2026	8.1	No	212	n/a	n/a	0	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
Calcium (mg/L)	WGWC-11	58	n/a	2/10/2026	1.8	No	212	n/a	n/a	0	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
Calcium (mg/L)	WGWC-12	58	n/a	2/11/2026	14	No	212	n/a	n/a	0	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
Calcium (mg/L)	WGWC-13	58	n/a	2/10/2026	5.7	No	212	n/a	n/a	0	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
Calcium (mg/L)	WGWC-14A	58	n/a	2/10/2026	0.67	No	212	n/a	n/a	0	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
Calcium (mg/L)	WGWC-15	58	n/a	2/10/2026	31	No	212	n/a	n/a	0	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
Calcium (mg/L)	WGWC-16	58	n/a	2/10/2026	15	No	212	n/a	n/a	0	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
Calcium (mg/L)	WGWC-17	58	n/a	2/11/2026	6.7	No	212	n/a	n/a	0	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
Calcium (mg/L)	WGWC-19	58	n/a	2/11/2026	12	No	212	n/a	n/a	0	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
Calcium (mg/L)	**WGWC-20**	**58**	**n/a**	**2/10/2026**	**170**	**Yes**	**212**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.00004906**	**NP Inter (normality) 1 of 2**
Calcium (mg/L)	WGWC-21	58	n/a	2/11/2026	50	No	212	n/a	n/a	0	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
Calcium (mg/L)	WGWC-22	58	n/a	2/11/2026	13	No	212	n/a	n/a	0	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
Calcium (mg/L)	WGWC-23	58	n/a	2/11/2026	2.7	No	212	n/a	n/a	0	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
Calcium (mg/L)	WGWC-24	58	n/a	2/10/2026	19	No	212	n/a	n/a	0	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
Calcium (mg/L)	WGWC-25	58	n/a	2/11/2026	18	No	212	n/a	n/a	0	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
Calcium (mg/L)	WGWC-27	58	n/a	2/10/2026	15	No	212	n/a	n/a	0	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
Calcium (mg/L)	**WGWC-28D**	**58**	**n/a**	**2/12/2026**	**330**	**Yes**	**212**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.00004906**	**NP Inter (normality) 1 of 2**
Chloride (mg/L)	WGWC-9	6.05	n/a	2/13/2026	5.9	No	212	n/a	n/a	0.4717	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
Chloride (mg/L)	WGWC-10	6.05	n/a	2/10/2026	1.7	No	212	n/a	n/a	0.4717	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
Chloride (mg/L)	WGWC-11	6.05	n/a	2/10/2026	4.3	No	212	n/a	n/a	0.4717	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
Chloride (mg/L)	WGWC-12	6.05	n/a	2/11/2026	4	No	212	n/a	n/a	0.4717	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
Chloride (mg/L)	WGWC-13	6.05	n/a	2/10/2026	1.4	No	212	n/a	n/a	0.4717	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
Chloride (mg/L)	WGWC-14A	6.05	n/a	2/10/2026	2.4	No	212	n/a	n/a	0.4717	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
Chloride (mg/L)	WGWC-15	6.05	n/a	2/10/2026	1.3	No	212	n/a	n/a	0.4717	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
Chloride (mg/L)	**WGWC-16**	**6.05**	**n/a**	**2/10/2026**	**23**	**Yes**	**212**	**n/a**	**n/a**	**0.4717**	**n/a**	**n/a**	**0.00004906**	**NP Inter (normality) 1 of 2**
Chloride (mg/L)	WGWC-17	6.05	n/a	2/11/2026	1.6	No	212	n/a	n/a	0.4717	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
Chloride (mg/L)	WGWC-19	6.05	n/a	2/11/2026	3.4	No	212	n/a	n/a	0.4717	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
Chloride (mg/L)	**WGWC-20**	**6.05**	**n/a**	**2/10/2026**	**180**	**Yes**	**212**	**n/a**	**n/a**	**0.4717**	**n/a**	**n/a**	**0.00004906**	**NP Inter (normality) 1 of 2**
Chloride (mg/L)	**WGWC-21**	**6.05**	**n/a**	**2/11/2026**	**62**	**Yes**	**212**	**n/a**	**n/a**	**0.4717**	**n/a**	**n/a**	**0.00004906**	**NP Inter (normality) 1 of 2**
Chloride (mg/L)	WGWC-22	6.05	n/a	2/11/2026	4.7	No	212	n/a	n/a	0.4717	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
Chloride (mg/L)	WGWC-23	6.05	n/a	2/11/2026	3.3	No	212	n/a	n/a	0.4717	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
Chloride (mg/L)	**WGWC-24**	**6.05**	**n/a**	**2/10/2026**	**17**	**Yes**	**212**	**n/a**	**n/a**	**0.4717**	**n/a**	**n/a**	**0.00004906**	**NP Inter (normality) 1 of 2**
Chloride (mg/L)	**WGWC-25**	**6.05**	**n/a**	**2/11/2026**	**44**	**Yes**	**212**	**n/a**	**n/a**	**0.4717**	**n/a**	**n/a**	**0.00004906**	**NP Inter (normality) 1 of 2**
Chloride (mg/L)	**WGWC-27**	**6.05**	**n/a**	**2/10/2026**	**20**	**Yes**	**212**	**n/a**	**n/a**	**0.4717**	**n/a**	**n/a**	**0.00004906**	**NP Inter (normality) 1 of 2**
Chloride (mg/L)	**WGWC-28D**	**6.05**	**n/a**	**2/12/2026**	**740**	**Yes**	**212**	**n/a**	**n/a**	**0.4717**	**n/a**	**n/a**	**0.00004906**	**NP Inter (normality) 1 of 2**
Fluoride (mg/L)	**WGWC-9**	**0.284**	**n/a**	**2/13/2026**	**0.96**	**Yes**	**236**	**n/a**	**n/a**	**47.88**	**n/a**	**n/a**	**0.00004906**	**NP Inter (normality) 1 of 2**
Fluoride (mg/L)	WGWC-10	0.284	n/a	2/10/2026	0.18J	No	236	n/a	n/a	47.88	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
Fluoride (mg/L)	WGWC-11	0.284	n/a	2/10/2026	0.1J	No	236	n/a	n/a	47.88	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
Fluoride (mg/L)	WGWC-12	0.284	n/a	2/11/2026	0.16J	No	236	n/a	n/a	47.88	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
Fluoride (mg/L)	WGWC-13	0.284	n/a	2/10/2026	0.22	No	236	n/a	n/a	47.88	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
Fluoride (mg/L)	WGWC-14A	0.284	n/a	2/10/2026	0.1J	No	236	n/a	n/a	47.88	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
Fluoride (mg/L)	**WGWC-15**	**0.284**	**n/a**	**2/10/2026**	**0.83**	**Yes**	**236**	**n/a**	**n/a**	**47.88**	**n/a**	**n/a**	**0.00004906**	**NP Inter (normality) 1 of 2**
Fluoride (mg/L)	WGWC-16	0.284	n/a	2/10/2026	0.15J	No	236	n/a	n/a	47.88	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
Fluoride (mg/L)	WGWC-17	0.284	n/a	2/11/2026	0.17J	No	236	n/a	n/a	47.88	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
Fluoride (mg/L)	**WGWC-19**	**0.284**	**n/a**	**2/11/2026**	**0.35**	**Yes**	**236**	**n/a**	**n/a**	**47.88**	**n/a**	**n/a**	**0.00004906**	**NP Inter (normality) 1 of 2**
Fluoride (mg/L)	**WGWC-20**	**0.284**	**n/a**	**2/10/2026**	**2**	**Yes**	**236**	**n/a**	**n/a**	**47.88**	**n/a**	**n/a**	**0.00004906**	**NP Inter (normality) 1 of 2**

Appendix III Interwell Prediction Limits - All Results

Plant Wansley Client: Southern Company Data: Wansley AP 1 Printed 4/20/2026, 4:16 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Fluoride (mg/L)	**WGWC-21**	**0.284**	**n/a**	**2/11/2026**	**2**	**Yes**	**236**	**n/a**	**n/a**	**47.88**	**n/a**	**n/a**	**0.00004906**	**NP Inter (normality) 1 of 2**
Fluoride (mg/L)	WGWC-22	0.284	n/a	2/11/2026	0.28	No	236	n/a	n/a	47.88	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
Fluoride (mg/L)	WGWC-23	0.284	n/a	2/11/2026	0.1J	No	236	n/a	n/a	47.88	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
Fluoride (mg/L)	WGWC-24	0.284	n/a	2/10/2026	0.28	No	236	n/a	n/a	47.88	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
Fluoride (mg/L)	WGWC-25	0.284	n/a	2/11/2026	0.099J	No	236	n/a	n/a	47.88	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
Fluoride (mg/L)	**WGWC-27**	**0.284**	**n/a**	**2/10/2026**	**0.8**	**Yes**	**236**	**n/a**	**n/a**	**47.88**	**n/a**	**n/a**	**0.00004906**	**NP Inter (normality) 1 of 2**
Fluoride (mg/L)	**WGWC-28D**	**0.284**	**n/a**	**2/12/2026**	**1.9**	**Yes**	**236**	**n/a**	**n/a**	**47.88**	**n/a**	**n/a**	**0.00004906**	**NP Inter (normality) 1 of 2**
pH, Field (SU)	WGWC-9	8.13	4.54	2/13/2026	5.71	No	235	n/a	n/a	0	n/a	n/a	0.00009812	NP Inter (normality) 1 of 2
pH, Field (SU)	WGWC-10	8.13	4.54	2/10/2026	6.35	No	235	n/a	n/a	0	n/a	n/a	0.00009812	NP Inter (normality) 1 of 2
pH, Field (SU)	WGWC-11	8.13	4.54	2/10/2026	5.6	No	235	n/a	n/a	0	n/a	n/a	0.00009812	NP Inter (normality) 1 of 2
pH, Field (SU)	WGWC-12	8.13	4.54	2/11/2026	6.92	No	235	n/a	n/a	0	n/a	n/a	0.00009812	NP Inter (normality) 1 of 2
pH, Field (SU)	WGWC-13	8.13	4.54	2/10/2026	6.26	No	235	n/a	n/a	0	n/a	n/a	0.00009812	NP Inter (normality) 1 of 2
pH, Field (SU)	WGWC-14A	8.13	4.54	2/10/2026	5.34	No	235	n/a	n/a	0	n/a	n/a	0.00009812	NP Inter (normality) 1 of 2
pH, Field (SU)	WGWC-15	8.13	4.54	2/10/2026	8.01	No	235	n/a	n/a	0	n/a	n/a	0.00009812	NP Inter (normality) 1 of 2
pH, Field (SU)	WGWC-16	8.13	4.54	2/10/2026	5.35	No	235	n/a	n/a	0	n/a	n/a	0.00009812	NP Inter (normality) 1 of 2
pH, Field (SU)	WGWC-17	8.13	4.54	2/11/2026	6.08	No	235	n/a	n/a	0	n/a	n/a	0.00009812	NP Inter (normality) 1 of 2
pH, Field (SU)	WGWC-19	8.13	4.54	2/11/2026	6.59	No	235	n/a	n/a	0	n/a	n/a	0.00009812	NP Inter (normality) 1 of 2
pH, Field (SU)	WGWC-20	8.13	4.54	2/10/2026	5.38	No	235	n/a	n/a	0	n/a	n/a	0.00009812	NP Inter (normality) 1 of 2
pH, Field (SU)	WGWC-21	8.13	4.54	2/11/2026	6.72	No	235	n/a	n/a	0	n/a	n/a	0.00009812	NP Inter (normality) 1 of 2
pH, Field (SU)	WGWC-22	8.13	4.54	2/11/2026	5.53	No	235	n/a	n/a	0	n/a	n/a	0.00009812	NP Inter (normality) 1 of 2
pH, Field (SU)	WGWC-23	8.13	4.54	2/11/2026	5.49	No	235	n/a	n/a	0	n/a	n/a	0.00009812	NP Inter (normality) 1 of 2
pH, Field (SU)	WGWC-24	8.13	4.54	2/10/2026	4.59	No	235	n/a	n/a	0	n/a	n/a	0.00009812	NP Inter (normality) 1 of 2
pH, Field (SU)	WGWC-25	8.13	4.54	2/11/2026	5.61	No	235	n/a	n/a	0	n/a	n/a	0.00009812	NP Inter (normality) 1 of 2
pH, Field (SU)	WGWC-27	8.13	4.54	2/10/2026	6	No	235	n/a	n/a	0	n/a	n/a	0.00009812	NP Inter (normality) 1 of 2
pH, Field (SU)	WGWC-28D	8.13	4.54	2/12/2026	6.81	No	235	n/a	n/a	0	n/a	n/a	0.00009812	NP Inter (normality) 1 of 2
Sulfate (mg/L)	**WGWC-9**	**21**	**n/a**	**2/13/2026**	**78**	**Yes**	**212**	**n/a**	**n/a**	**24.53**	**n/a**	**n/a**	**0.00004906**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	WGWC-10	21	n/a	2/10/2026	2	No	212	n/a	n/a	24.53	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
Sulfate (mg/L)	WGWC-11	21	n/a	2/10/2026	1.2	No	212	n/a	n/a	24.53	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
Sulfate (mg/L)	WGWC-12	21	n/a	2/11/2026	12	No	212	n/a	n/a	24.53	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
Sulfate (mg/L)	WGWC-13	21	n/a	2/10/2026	3.3	No	212	n/a	n/a	24.53	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
Sulfate (mg/L)	WGWC-14A	21	n/a	2/10/2026	0.82J	No	212	n/a	n/a	24.53	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
Sulfate (mg/L)	WGWC-15	21	n/a	2/10/2026	14	No	212	n/a	n/a	24.53	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
Sulfate (mg/L)	**WGWC-16**	**21**	**n/a**	**2/10/2026**	**35**	**Yes**	**212**	**n/a**	**n/a**	**24.53**	**n/a**	**n/a**	**0.00004906**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	WGWC-17	21	n/a	2/11/2026	4.4	No	212	n/a	n/a	24.53	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
Sulfate (mg/L)	WGWC-19	21	n/a	2/11/2026	3.5	No	212	n/a	n/a	24.53	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
Sulfate (mg/L)	**WGWC-20**	**21**	**n/a**	**2/10/2026**	**390**	**Yes**	**212**	**n/a**	**n/a**	**24.53**	**n/a**	**n/a**	**0.00004906**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	**WGWC-21**	**21**	**n/a**	**2/11/2026**	**270**	**Yes**	**212**	**n/a**	**n/a**	**24.53**	**n/a**	**n/a**	**0.00004906**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	**WGWC-22**	**21**	**n/a**	**2/11/2026**	**61**	**Yes**	**212**	**n/a**	**n/a**	**24.53**	**n/a**	**n/a**	**0.00004906**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	WGWC-23	21	n/a	2/11/2026	6.4	No	212	n/a	n/a	24.53	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
Sulfate (mg/L)	**WGWC-24**	**21**	**n/a**	**2/10/2026**	**60**	**Yes**	**212**	**n/a**	**n/a**	**24.53**	**n/a**	**n/a**	**0.00004906**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	**WGWC-25**	**21**	**n/a**	**2/11/2026**	**26**	**Yes**	**212**	**n/a**	**n/a**	**24.53**	**n/a**	**n/a**	**0.00004906**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	**WGWC-27**	**21**	**n/a**	**2/10/2026**	**22**	**Yes**	**212**	**n/a**	**n/a**	**24.53**	**n/a**	**n/a**	**0.00004906**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	**WGWC-28D**	**21**	**n/a**	**2/12/2026**	**670**	**Yes**	**212**	**n/a**	**n/a**	**24.53**	**n/a**	**n/a**	**0.00004906**	**NP Inter (normality) 1 of 2**
TDS (mg/L)	WGWC-9	190	n/a	2/13/2026	190	No	212	n/a	n/a	5.189	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
TDS (mg/L)	WGWC-10	190	n/a	2/10/2026	46	No	212	n/a	n/a	5.189	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
TDS (mg/L)	WGWC-11	190	n/a	2/10/2026	43	No	212	n/a	n/a	5.189	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
TDS (mg/L)	WGWC-12	190	n/a	2/11/2026	90	No	212	n/a	n/a	5.189	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
TDS (mg/L)	WGWC-13	190	n/a	2/10/2026	73	No	212	n/a	n/a	5.189	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
TDS (mg/L)	WGWC-14A	190	n/a	2/10/2026	38	No	212	n/a	n/a	5.189	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
TDS (mg/L)	WGWC-15	190	n/a	2/10/2026	140	No	212	n/a	n/a	5.189	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
TDS (mg/L)	WGWC-16	190	n/a	2/10/2026	110	No	212	n/a	n/a	5.189	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
TDS (mg/L)	WGWC-17	190	n/a	2/11/2026	76	No	212	n/a	n/a	5.189	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
TDS (mg/L)	WGWC-19	190	n/a	2/11/2026	94	No	212	n/a	n/a	5.189	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
TDS (mg/L)	**WGWC-20**	**190**	**n/a**	**2/10/2026**	**880**	**Yes**	**212**	**n/a**	**n/a**	**5.189**	**n/a**	**n/a**	**0.00004906**	**NP Inter (normality) 1 of 2**
TDS (mg/L)	**WGWC-21**	**190**	**n/a**	**2/11/2026**	**590**	**Yes**	**212**	**n/a**	**n/a**	**5.189**	**n/a**	**n/a**	**0.00004906**	**NP Inter (normality) 1 of 2**
TDS (mg/L)	WGWC-22	190	n/a	2/11/2026	160	No	212	n/a	n/a	5.189	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
TDS (mg/L)	WGWC-23	190	n/a	2/11/2026	77	No	212	n/a	n/a	5.189	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
TDS (mg/L)	WGWC-24	190	n/a	2/10/2026	130	No	212	n/a	n/a	5.189	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
TDS (mg/L)	WGWC-25	190	n/a	2/11/2026	180	No	212	n/a	n/a	5.189	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
TDS (mg/L)	WGWC-27	190	n/a	2/10/2026	130	No	212	n/a	n/a	5.189	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
TDS (mg/L)	**WGWC-28D**	**190**	**n/a**	**2/12/2026**	**2100**	**Yes**	**212**	**n/a**	**n/a**	**5.189**	**n/a**	**n/a**	**0.00004906**	**NP Inter (normality) 1 of 2**

Appendix III Trend Tests - Prediction Limit Exceedances - Significant Results

Plant Wansley Client: Southern Company Data: Wansley AP 1 Printed 4/20/2026, 4:21 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Boron (mg/L)	**WGWC-9**	**0.03282**	**156**	**118**	**Yes**	**26**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Boron (mg/L)	**WGWC-16**	**-0.6487**	**-245**	**-118**	**Yes**	**26**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Boron (mg/L)	**WGWC-20**	**0.8088**	**50**	**48**	**Yes**	**14**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Boron (mg/L)	**WGWC-24**	**-0.2724**	**-53**	**-48**	**Yes**	**14**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**WGWA-1 (bg)**	**0.03788**	**190**	**124**	**Yes**	**27**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**WGWA-18 (bg)**	**-1.224**	**-180**	**-124**	**Yes**	**27**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**WGWA-2 (bg)**	**0.05226**	**160**	**124**	**Yes**	**27**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**WGWA-5 (bg)**	**-0.09982**	**-140**	**-98**	**Yes**	**23**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**WGWC-16**	**-31.71**	**-252**	**-124**	**Yes**	**27**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**WGWC-24**	**-18.15**	**-79**	**-48**	**Yes**	**14**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Fluoride (mg/L)	**WGWA-18 (bg)**	**-0.007449**	**-153**	**-146**	**Yes**	**30**	**20**	**n/a**	**n/a**	**0.01**	**NP**
Fluoride (mg/L)	**WGWC-9**	**-0.1023**	**-301**	**-146**	**Yes**	**30**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Fluoride (mg/L)	**WGWC-15**	**-0.01682**	**-161**	**-146**	**Yes**	**30**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**WGWA-4 (bg)**	**0.2664**	**187**	**124**	**Yes**	**27**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**WGWA-18 (bg)**	**-0.487**	**-150**	**-124**	**Yes**	**27**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**WGWC-9**	**1.822**	**128**	**124**	**Yes**	**27**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**WGWC-16**	**-58.25**	**-240**	**-124**	**Yes**	**27**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**WGWC-24**	**-24.48**	**-52**	**-48**	**Yes**	**14**	**0**	**n/a**	**n/a**	**0.01**	**NP**
TDS (mg/L)	**WGWA-1 (bg)**	**2.578**	**151**	**124**	**Yes**	**27**	**14.81**	**n/a**	**n/a**	**0.01**	**NP**

Appendix III Trend Tests - Prediction Limit Exceedances - All Results

Plant Wansley Client: Southern Company Data: Wansley AP 1 Printed 4/20/2026, 4:21 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Boron (mg/L)	WGWA-1 (bg)	0	-13	-118	No	26	96.15	n/a	n/a	0.01	NP
Boron (mg/L)	WGWA-2 (bg)	0	-32	-118	No	26	84.62	n/a	n/a	0.01	NP
Boron (mg/L)	WGWA-3 (bg)	0	0	118	No	26	100	n/a	n/a	0.01	NP
Boron (mg/L)	WGWA-4 (bg)	0	0	118	No	26	100	n/a	n/a	0.01	NP
Boron (mg/L)	WGWA-5 (bg)	0	-17	-92	No	22	95.45	n/a	n/a	0.01	NP
Boron (mg/L)	WGWA-6 (bg)	0	0	118	No	26	100	n/a	n/a	0.01	NP
Boron (mg/L)	WGWA-7 (bg)	0	-13	-118	No	26	96.15	n/a	n/a	0.01	NP
Boron (mg/L)	WGWA-18 (bg)	0	16	118	No	26	92.31	n/a	n/a	0.01	NP
Boron (mg/L)	**WGWC-9**	**0.03282**	**156**	**118**	**Yes**	**26**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Boron (mg/L)	**WGWC-16**	**-0.6487**	**-245**	**-118**	**Yes**	**26**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Boron (mg/L)	**WGWC-20**	**0.8088**	**50**	**48**	**Yes**	**14**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Boron (mg/L)	WGWC-22	-0.01308	-33	-48	No	14	0	n/a	n/a	0.01	NP
Boron (mg/L)	**WGWC-24**	**-0.2724**	**-53**	**-48**	**Yes**	**14**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Boron (mg/L)	WGWC-25	0.002239	1	48	No	14	0	n/a	n/a	0.01	NP
Boron (mg/L)	WGWC-27	-0.02706	-8	-21	No	8	0	n/a	n/a	0.01	NP
Boron (mg/L)	WGWC-28D	1.936	7	21	No	8	0	n/a	n/a	0.01	NP
Calcium (mg/L)	**WGWA-1 (bg)**	**0.03788**	**190**	**124**	**Yes**	**27**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	WGWA-2 (bg)	0	-31	-124	No	27	0	n/a	n/a	0.01	NP
Calcium (mg/L)	WGWA-3 (bg)	0	19	124	No	27	0	n/a	n/a	0.01	NP
Calcium (mg/L)	WGWA-4 (bg)	0	47	124	No	27	0	n/a	n/a	0.01	NP
Calcium (mg/L)	WGWA-5 (bg)	-0.03453	-24	-98	No	23	0	n/a	n/a	0.01	NP
Calcium (mg/L)	WGWA-6 (bg)	0.1414	77	124	No	27	0	n/a	n/a	0.01	NP
Calcium (mg/L)	WGWA-7 (bg)	0.02465	43	124	No	27	0	n/a	n/a	0.01	NP
Calcium (mg/L)	**WGWA-18 (bg)**	**-1.224**	**-180**	**-124**	**Yes**	**27**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	WGWC-20	16.92	38	48	No	14	0	n/a	n/a	0.01	NP
Calcium (mg/L)	WGWC-28D	16.23	2	21	No	8	0	n/a	n/a	0.01	NP
Chloride (mg/L)	WGWA-1 (bg)	0.04181	91	124	No	27	0	n/a	n/a	0.01	NP
Chloride (mg/L)	**WGWA-2 (bg)**	**0.05226**	**160**	**124**	**Yes**	**27**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	WGWA-3 (bg)	0	-4	-124	No	27	0	n/a	n/a	0.01	NP
Chloride (mg/L)	WGWA-4 (bg)	0	8	124	No	27	3.704	n/a	n/a	0.01	NP
Chloride (mg/L)	**WGWA-5 (bg)**	**-0.09982**	**-140**	**-98**	**Yes**	**23**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	WGWA-6 (bg)	0	46	124	No	27	0	n/a	n/a	0.01	NP
Chloride (mg/L)	WGWA-7 (bg)	0	23	124	No	27	0	n/a	n/a	0.01	NP
Chloride (mg/L)	WGWA-18 (bg)	-0.02521	-61	-124	No	27	0	n/a	n/a	0.01	NP
Chloride (mg/L)	**WGWC-16**	**-31.71**	**-252**	**-124**	**Yes**	**27**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	WGWC-20	27.5	27	48	No	14	0	n/a	n/a	0.01	NP
Chloride (mg/L)	WGWC-21	1.285	23	48	No	14	0	n/a	n/a	0.01	NP
Chloride (mg/L)	**WGWC-24**	**-18.15**	**-79**	**-48**	**Yes**	**14**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	WGWC-25	-9.454	-37	-48	No	14	0	n/a	n/a	0.01	NP
Chloride (mg/L)	WGWC-27	-0.3349	-2	-21	No	8	0	n/a	n/a	0.01	NP
Chloride (mg/L)	WGWC-28D	72.81	9	21	No	8	0	n/a	n/a	0.01	NP
Fluoride (mg/L)	WGWA-1 (bg)	0	-6	-146	No	30	76.67	n/a	n/a	0.01	NP
Fluoride (mg/L)	WGWA-2 (bg)	-0.0002948	-73	-146	No	30	40	n/a	n/a	0.01	NP
Fluoride (mg/L)	WGWA-3 (bg)	0	-26	-146	No	30	66.67	n/a	n/a	0.01	NP
Fluoride (mg/L)	WGWA-4 (bg)	-0.004124	-117	-146	No	30	6.667	n/a	n/a	0.01	NP
Fluoride (mg/L)	WGWA-5 (bg)	0	32	118	No	26	88.46	n/a	n/a	0.01	NP
Fluoride (mg/L)	WGWA-6 (bg)	-0.001167	-46	-146	No	30	13.33	n/a	n/a	0.01	NP
Fluoride (mg/L)	WGWA-7 (bg)	0	-12	-146	No	30	76.67	n/a	n/a	0.01	NP
Fluoride (mg/L)	**WGWA-18 (bg)**	**-0.007449**	**-153**	**-146**	**Yes**	**30**	**20**	**n/a**	**n/a**	**0.01**	**NP**
Fluoride (mg/L)	**WGWC-9**	**-0.1023**	**-301**	**-146**	**Yes**	**30**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Fluoride (mg/L)	**WGWC-15**	**-0.01682**	**-161**	**-146**	**Yes**	**30**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Fluoride (mg/L)	WGWC-19	-0.006936	-95	-146	No	30	0	n/a	n/a	0.01	NP
Fluoride (mg/L)	WGWC-20	0	7	48	No	14	14.29	n/a	n/a	0.01	NP
Fluoride (mg/L)	WGWC-21	0.02446	11	48	No	14	14.29	n/a	n/a	0.01	NP
Fluoride (mg/L)	WGWC-27	-0.02009	-1	-21	No	8	12.5	n/a	n/a	0.01	NP
Fluoride (mg/L)	WGWC-28D	0.4299	5	21	No	8	37.5	n/a	n/a	0.01	NP
Sulfate (mg/L)	WGWA-1 (bg)	0	-3	-124	No	27	92.59	n/a	n/a	0.01	NP
Sulfate (mg/L)	WGWA-2 (bg)	-0.01934	-44	-124	No	27	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	WGWA-3 (bg)	-0.005794	-24	-124	No	27	11.11	n/a	n/a	0.01	NP
Sulfate (mg/L)	**WGWA-4 (bg)**	**0.2664**	**187**	**124**	**Yes**	**27**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	WGWA-5 (bg)	0.028	28	98	No	23	21.74	n/a	n/a	0.01	NP
Sulfate (mg/L)	WGWA-6 (bg)	-0.1017	-92	-124	No	27	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	WGWA-7 (bg)	0	-36	-124	No	27	70.37	n/a	n/a	0.01	NP
Sulfate (mg/L)	**WGWA-18 (bg)**	**-0.487**	**-150**	**-124**	**Yes**	**27**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**WGWC-9**	**1.822**	**128**	**124**	**Yes**	**27**	**0**	**n/a**	**n/a**	**0.01**	**NP**

Appendix III Trend Tests - Prediction Limit Exceedances - All Results

Plant Wansley Client: Southern Company Data: Wansley AP 1 Printed 4/20/2026, 4:21 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Sulfate (mg/L)	**WGWC-16**	**-58.25**	**-240**	**-124**	**Yes**	**27**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	WGWC-20	30.42	45	48	No	14	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	WGWC-21	29.75	43	48	No	14	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	WGWC-22	-9.498	-39	-48	No	14	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	**WGWC-24**	**-24.48**	**-52**	**-48**	**Yes**	**14**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	WGWC-25	2.607	25	48	No	14	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	WGWC-27	-2.201	-4	-21	No	8	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	WGWC-28D	125.6	12	21	No	8	0	n/a	n/a	0.01	NP
TDS (mg/L)	**WGWA-1 (bg)**	**2.578**	**151**	**124**	**Yes**	**27**	**14.81**	**n/a**	**n/a**	**0.01**	**NP**
TDS (mg/L)	WGWA-2 (bg)	2.826	89	124	No	27	0	n/a	n/a	0.01	NP
TDS (mg/L)	WGWA-3 (bg)	1.568	123	124	No	27	3.704	n/a	n/a	0.01	NP
TDS (mg/L)	WGWA-4 (bg)	0.4828	74	124	No	27	0	n/a	n/a	0.01	NP
TDS (mg/L)	WGWA-5 (bg)	2.455	47	98	No	23	13.04	n/a	n/a	0.01	NP
TDS (mg/L)	WGWA-6 (bg)	1.444	79	124	No	27	0	n/a	n/a	0.01	NP
TDS (mg/L)	WGWA-7 (bg)	1.934	91	124	No	27	11.11	n/a	n/a	0.01	NP
TDS (mg/L)	WGWA-18 (bg)	-3.79	-116	-124	No	27	0	n/a	n/a	0.01	NP
TDS (mg/L)	WGWC-20	76.6	32	48	No	14	0	n/a	n/a	0.01	NP
TDS (mg/L)	WGWC-21	23.33	34	48	No	14	0	n/a	n/a	0.01	NP
TDS (mg/L)	WGWC-28D	260.7	18	18	No	7	0	n/a	n/a	0.01	NP

Upper Tolerance Limits

Plant Wansley Client: Southern Company Data: Wansley AP 1 Printed 4/20/2026, 4:38 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
Antimony (mg/L)	n/a	0.005	n/a	n/a	n/a	n/a	180	98.33	n/a	NaN	NP Inter(NDs)
Arsenic (mg/L)	n/a	0.005	n/a	n/a	n/a	n/a	228	84.21	n/a	NaN	NP Inter(NDs)
Barium (mg/L)	n/a	0.062	n/a	n/a	n/a	n/a	228	0	n/a	NaN	NP Inter(normality)
Beryllium (mg/L)	n/a	0.0011	n/a	n/a	n/a	n/a	228	95.18	n/a	NaN	NP Inter(NDs)
Cadmium (mg/L)	n/a	0.0007	n/a	n/a	n/a	n/a	212	100	n/a	NaN	NP Inter(NDs)
Chromium (mg/L)	n/a	0.0063	n/a	n/a	n/a	n/a	227	94.71	n/a	NaN	NP Inter(NDs)
Cobalt (mg/L)	n/a	0.0066	n/a	n/a	n/a	n/a	226	49.12	n/a	NaN	NP Inter(normality)
Combined Radium 226 + 228 (pCi/L)	n/a	13.1	n/a	n/a	n/a	n/a	226	0	n/a	NaN	NP Inter(normality)
Fluoride (mg/L)	n/a	0.284	n/a	n/a	n/a	n/a	236	47.88	n/a	NaN	NP Inter(normality)
Lead (mg/L)	n/a	0.0015	n/a	n/a	n/a	n/a	212	90.57	n/a	NaN	NP Inter(NDs)
Lithium (mg/L)	n/a	0.02	n/a	n/a	n/a	n/a	218	51.83	n/a	NaN	NP Inter(NDs)
Mercury (mg/L)	n/a	0.0002	n/a	n/a	n/a	n/a	196	92.35	n/a	NaN	NP Inter(NDs)
Molybdenum (mg/L)	n/a	0.0072	n/a	n/a	n/a	n/a	227	92.51	n/a	NaN	NP Inter(NDs)
Selenium (mg/L)	n/a	0.005	n/a	n/a	n/a	n/a	228	96.05	n/a	NaN	NP Inter(NDs)
Thallium (mg/L)	n/a	0.001	n/a	n/a	n/a	n/a	228	94.3	n/a	NaN	NP Inter(NDs)

WANSLEY AP GWPS				
Constituent Name	**MCL**	**CCR-Rule Specified**	**Background**	**GWPS**
Antimony, Total (mg/L)	0.006		0.005	0.006
Arsenic, Total (mg/L)	0.01		0.005	0.01
Barium, Total (mg/L)	2		0.062	2
Beryllium, Total (mg/L)	0.004		0.0011	0.004
Cadmium, Total (mg/L)	0.005		0.0007	0.005
Chromium, Total (mg/L)	0.1		0.0063	0.1
Cobalt, Total (mg/L)	n/a	0.006	0.0066	0.0066
Combined Radium, Total (pCi/L)	5		13.1	13.1
Fluoride, Total (mg/L)	4		0.28	4
Lead, Total (mg/L)	n/a	0.015	0.0015	0.015
Lithium, Total (mg/L)	n/a	0.04	0.02	0.04
Mercury, Total (mg/L)	0.002		0.0002	0.002
Molybdenum, Total (mg/L)	n/a	0.1	0.0072	0.1
Selenium, Total (mg/L)	0.05		0.005	0.05
Thallium, Total (mg/L)	0.002		0.001	0.002

GWPS = Groundwater Protection Standard

MCL = Maximum Contaminant Level

CCR = Coal Combustion Residual

Highlighted cells indicate background is higher than established limit.

Lithium WGWC-21 Trend Test - All/Significant Result

Plant Wansley Client: Southern Company Data: Wansley AP 1 Printed 4/20/2026, 5:03 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Lithium (mg/L)	**WGWC-21**	**0.01365**	**81**	**37**	**Yes**	**14**	**0**	**n/a**	**n/a**	**0.05**	**NP**

Lithium WGWC-21 Trend Test - Truncated Record - All Results (No Significant)

Plant Wansley Client: Southern Company Data: Wansley AP 1 Printed 4/20/2026, 5:02 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Lithium (mg/L)	**WGWC-21**	**0.01029**	**35**	**23**	**Yes**	**10**	**0**	**n/a**	**n/a**	**0.05**	**NP**

Appendix IV Confidence Intervals - Significant Results

Plant Wansley Client: Southern Company Data: Wansley AP 1 Printed 8/17/2026, 1:07 PM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	%NDs	ND Adj.	Transform	Alpha	Method
Beryllium (mg/L)	**WGWC-20**	**0.01115**	**0.009002**	**0.004**	**Yes**	**12**	**0**	**None**	**No**	**0.01**	**Param.**
Beryllium (mg/L)	**WGWC-24**	**0.01029**	**0.004162**	**0.004**	**Yes**	**12**	**0**	**None**	**No**	**0.01**	**Param.**
Cobalt (mg/L)	**WGWC-24**	**0.08103**	**0.02992**	**0.0066**	**Yes**	**12**	**0**	**None**	**sqrt(x)**	**0.01**	**Param.**
Lithium (mg/L)	**WGWC-19**	**0.05785**	**0.05084**	**0.04**	**Yes**	**29**	**0**	**None**	**No**	**0.01**	**Param.**
Lithium (mg/L)	**WGWC-20**	**0.1531**	**0.1189**	**0.04**	**Yes**	**14**	**0**	**None**	**sqrt(x)**	**0.01**	**Param.**
Lithium (mg/L)	**WGWC-21**	**0.0845**	**0.0499**	**0.04**	**Yes**	**10**	**0**	**None**	**No**	**0.01**	**Param.**
Lithium (mg/L)	**WGWC-28D**	**0.47**	**0.18**	**0.04**	**Yes**	**8**	**0**	**None**	**No**	**0.004**	**NP (normality)**

Appendix IV Confidence Intervals - All Results

Plant Wansley Client: Southern Company Data: Wansley AP 1 Printed 8/17/2026, 1:07 PM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	%NDs	ND Adj.	Transform	Alpha	Method
Antimony (mg/L)	WGWC-9	0.0063	0.0043	0.006	No	23	60.87	None	No	0.01	NP (NDs)
Antimony (mg/L)	WGWC-11	0.005	0.00053	0.006	No	23	95.65	None	No	0.01	NP (NDs)
Antimony (mg/L)	WGWC-12	0.005	0.0023	0.006	No	23	95.65	None	No	0.01	NP (NDs)
Antimony (mg/L)	WGWC-19	0.005	0.00058	0.006	No	23	95.65	None	No	0.01	NP (NDs)
Antimony (mg/L)	WGWC-20	0.005	0.00066	0.006	No	12	66.67	None	No	0.01	NP (NDs)
Antimony (mg/L)	WGWC-21	0.005	0.00055	0.006	No	12	66.67	None	No	0.01	NP (NDs)
Antimony (mg/L)	WGWC-22	0.005	0.00076	0.006	No	12	58.33	None	No	0.01	NP (NDs)
Antimony (mg/L)	WGWC-23	0.005	0.0013	0.006	No	12	66.67	None	No	0.01	NP (NDs)
Antimony (mg/L)	WGWC-27	0.005	0.00047	0.006	No	8	62.5	None	No	0.004	NP (NDs)
Antimony (mg/L)	WGWC-28D	0.005	0.00057	0.006	No	6	83.33	None	No	0.0155	NP (NDs)
Antimony (mg/L)	PZ-26D	0.005	0.00038	0.006	No	6	83.33	None	No	0.0155	NP (NDs)
Arsenic (mg/L)	WGWC-9	0.005	0.0017	0.01	No	29	89.66	None	No	0.01	NP (NDs)
Arsenic (mg/L)	WGWC-10	0.005	0.00089	0.01	No	29	82.76	None	No	0.01	NP (NDs)
Arsenic (mg/L)	WGWC-11	0.005	0.00054	0.01	No	29	89.66	None	No	0.01	NP (NDs)
Arsenic (mg/L)	WGWC-12	0.005	0.001	0.01	No	29	86.21	None	No	0.01	NP (NDs)
Arsenic (mg/L)	WGWC-13	0.005	0.00053	0.01	No	29	58.62	None	No	0.01	NP (NDs)
Arsenic (mg/L)	WGWC-14A	0.005	0.0032	0.01	No	29	75.86	None	No	0.01	NP (NDs)
Arsenic (mg/L)	WGWC-15	0.001697	0.001013	0.01	No	29	24.14	Kaplan-Meier	x^(1/3)	0.01	Param.
Arsenic (mg/L)	WGWC-16	0.005	0.0015	0.01	No	29	65.52	Kaplan-Meier	No	0.01	NP (NDs)
Arsenic (mg/L)	WGWC-17	0.005	0.00082	0.01	No	29	65.52	Kaplan-Meier	No	0.01	NP (NDs)
Arsenic (mg/L)	WGWC-20	0.005	0.00033	0.01	No	12	50	None	No	0.01	NP (normality)
Arsenic (mg/L)	WGWC-21	0.005	0.00036	0.01	No	12	58.33	None	No	0.01	NP (NDs)
Arsenic (mg/L)	WGWC-22	0.005	0.00046	0.01	No	12	75	None	No	0.01	NP (NDs)
Arsenic (mg/L)	WGWC-24	0.005	0.00054	0.01	No	12	50	None	No	0.01	NP (normality)
Arsenic (mg/L)	WGWC-25	0.005	0.00096	0.01	No	12	91.67	None	No	0.01	NP (NDs)
Arsenic (mg/L)	WGWC-28D	0.002581	0.001273	0.01	No	6	33.33	Kaplan-Meier	sqrt(x)	0.01	Param.
Arsenic (mg/L)	WAMW-1	0.005	0.00052	0.01	No	4	75	Kaplan-Meier	No	0.0625	NP (NDs)
Arsenic (mg/L)	WAMW-2	0.005	0.00066	0.01	No	4	75	Kaplan-Meier	No	0.0625	NP (NDs)
Barium (mg/L)	WGWC-9	0.01	0.0014	2	No	29	48.28	None	No	0.01	NP (normality)
Barium (mg/L)	WGWC-10	0.0391	0.033	2	No	29	0	None	No	0.01	NP (normality)
Barium (mg/L)	WGWC-11	0.04299	0.03543	2	No	29	0	None	No	0.01	Param.
Barium (mg/L)	WGWC-12	0.018	0.016	2	No	29	0	None	No	0.01	NP (normality)
Barium (mg/L)	WGWC-13	0.05191	0.04361	2	No	29	0	None	No	0.01	Param.
Barium (mg/L)	WGWC-14A	0.038	0.027	2	No	29	0	None	No	0.01	NP (normality)
Barium (mg/L)	WGWC-15	0.02745	0.0226	2	No	29	0	None	No	0.01	Param.
Barium (mg/L)	WGWC-16	0.05194	0.03955	2	No	29	0	None	sqrt(x)	0.01	Param.
Barium (mg/L)	WGWC-17	0.017	0.011	2	No	29	0	None	No	0.01	NP (normality)
Barium (mg/L)	WGWC-19	0.0077	0.0013	2	No	29	27.59	None	No	0.01	NP (normality)
Barium (mg/L)	WGWC-20	0.01	0.00049	2	No	12	75	None	No	0.01	NP (NDs)
Barium (mg/L)	WGWC-21	0.006989	0.004111	2	No	12	0	None	No	0.01	Param.
Barium (mg/L)	WGWC-22	0.0344	0.02143	2	No	12	0	None	No	0.01	Param.
Barium (mg/L)	WGWC-23	0.01068	0.006457	2	No	12	0	None	No	0.01	Param.
Barium (mg/L)	WGWC-24	0.05142	0.03408	2	No	12	0	None	No	0.01	Param.
Barium (mg/L)	WGWC-25	0.3498	0.2069	2	No	12	0	None	No	0.01	Param.
Barium (mg/L)	WGWC-27	0.004704	0.002696	2	No	8	0	None	No	0.01	Param.
Barium (mg/L)	WGWC-28D	0.01728	0.007516	2	No	6	0	None	No	0.01	Param.
Barium (mg/L)	WAMW-1	0.05498	0	2	No	4	0	None	No	0.01	Param.
Barium (mg/L)	WAMW-2	0.01829	0.0006131	2	No	4	0	None	No	0.01	Param.
Barium (mg/L)	PZ-26D	0.02943	0.0159	2	No	6	0	None	No	0.01	Param.
Beryllium (mg/L)	WGWC-9	0.00056	0.00036	0.004	No	29	31.03	None	No	0.01	NP (normality)
Beryllium (mg/L)	WGWC-14A	0.001	0.00026	0.004	No	29	58.62	None	No	0.01	NP (NDs)
Beryllium (mg/L)	WGWC-16	0.001	0.00022	0.004	No	29	96.55	None	No	0.01	NP (NDs)
Beryllium (mg/L)	**WGWC-20**	**0.01115**	**0.009002**	**0.004**	**Yes**	**12**	**0**	**None**	**No**	**0.01**	**Param.**
Beryllium (mg/L)	WGWC-21	0.0025	0.00021	0.004	No	12	41.67	None	No	0.01	NP (normality)
Beryllium (mg/L)	WGWC-22	0.0006591	0.0005476	0.004	No	12	0	None	No	0.01	Param.
Beryllium (mg/L)	WGWC-23	0.001341	0.0009818	0.004	No	12	0	None	No	0.01	Param.
Beryllium (mg/L)	**WGWC-24**	**0.01029**	**0.004162**	**0.004**	**Yes**	**12**	**0**	**None**	**No**	**0.01**	**Param.**
Beryllium (mg/L)	WGWC-25	0.001	0.0002	0.004	No	12	50	None	No	0.01	NP (normality)
Beryllium (mg/L)	WGWC-27	0.001258	0.0005531	0.004	No	8	0	None	x^2	0.01	Param.
Beryllium (mg/L)	WGWC-28D	0.002344	0.0009657	0.004	No	6	0	None	No	0.01	Param.
Beryllium (mg/L)	WAMW-2	0.001	0.0002	0.004	No	4	75	None	No	0.0625	NP (NDs)
Cadmium (mg/L)	WGWC-10	0.0007	0.00021	0.005	No	27	96.3	None	No	0.01	NP (NDs)
Cadmium (mg/L)	WGWC-16	0.0007	0.00054	0.005	No	27	48.15	None	No	0.01	NP (normality)
Cadmium (mg/L)	WGWC-20	0.0007	0.00022	0.005	No	12	41.67	None	No	0.01	NP (normality)
Cadmium (mg/L)	WGWC-22	0.0007	0.00011	0.005	No	12	58.33	None	No	0.01	NP (NDs)

Appendix IV Confidence Intervals - All Results

Plant Wansley Client: Southern Company Data: Wansley AP 1 Printed 8/17/2026, 1:07 PM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	%NDs	ND Adj.	Transform	Alpha	Method
Cadmium (mg/L)	WGWC-24	0.0004196	0.0001376	0.005	No	12	16.67	Kaplan-Meier	No	0.01	Param.
Cadmium (mg/L)	WGWC-25	0.0007	0.00012	0.005	No	12	83.33	Kaplan-Meier	No	0.01	NP (NDs)
Cadmium (mg/L)	WGWC-27	0.0007	0.00008	0.005	No	8	87.5	None	No	0.004	NP (NDs)
Chromium (mg/L)	WGWC-9	0.005	0.0025	0.1	No	29	93.1	None	No	0.01	NP (NDs)
Chromium (mg/L)	WGWC-10	0.00213	0.001535	0.1	No	29	17.24	Kaplan-Meier	sqrt(x)	0.01	Param.
Chromium (mg/L)	WGWC-11	0.005	0.0021	0.1	No	29	86.21	Kaplan-Meier	No	0.01	NP (NDs)
Chromium (mg/L)	WGWC-13	0.005	0.0019	0.1	No	29	86.21	Kaplan-Meier	No	0.01	NP (NDs)
Chromium (mg/L)	WGWC-14A	0.005	0.0017	0.1	No	29	96.55	Kaplan-Meier	No	0.01	NP (NDs)
Chromium (mg/L)	WGWC-15	0.005	0.0015	0.1	No	29	96.55	Kaplan-Meier	No	0.01	NP (NDs)
Chromium (mg/L)	WGWC-21	0.005	0.0015	0.1	No	12	91.67	None	No	0.01	NP (NDs)
Chromium (mg/L)	WGWC-23	0.005	0.0017	0.1	No	12	91.67	None	No	0.01	NP (NDs)
Chromium (mg/L)	WGWC-28D	0.005	0.002	0.1	No	6	83.33	None	No	0.0155	NP (NDs)
Chromium (mg/L)	WAMW-1	0.005	0.0012	0.1	No	4	75	None	No	0.0625	NP (NDs)
Cobalt (mg/L)	WGWC-9	0.005	0.00073	0.0066	No	29	96.55	None	No	0.01	NP (NDs)
Cobalt (mg/L)	WGWC-10	0.0035	0.00062	0.0066	No	29	24.14	None	No	0.01	NP (normality)
Cobalt (mg/L)	WGWC-11	0.005	0.00069	0.0066	No	29	48.28	None	No	0.01	NP (normality)
Cobalt (mg/L)	WGWC-12	0.00084	0.0004348	0.0066	No	29	6.897	None	ln(x)	0.01	Param.
Cobalt (mg/L)	WGWC-13	0.005	0.0008	0.0066	No	29	75.86	None	No	0.01	NP (NDs)
Cobalt (mg/L)	WGWC-14A	0.007248	0.003512	0.0066	No	29	0	None	sqrt(x)	0.01	Param.
Cobalt (mg/L)	WGWC-15	0.005	0.00015	0.0066	No	29	96.55	None	No	0.01	NP (NDs)
Cobalt (mg/L)	WGWC-16	0.0092	0.0035	0.0066	No	29	37.93	None	No	0.01	NP (normality)
Cobalt (mg/L)	WGWC-17	0.0009735	0.0004936	0.0066	No	29	27.59	Kaplan-Meier	ln(x)	0.01	Param.
Cobalt (mg/L)	WGWC-19	0.005	0.00025	0.0066	No	29	48.28	None	No	0.01	NP (normality)
Cobalt (mg/L)	WGWC-20	0.005	0.00046	0.0066	No	12	83.33	None	No	0.01	NP (NDs)
Cobalt (mg/L)	WGWC-21	0.005	0.00039	0.0066	No	12	58.33	None	No	0.01	NP (NDs)
Cobalt (mg/L)	WGWC-22	0.005	0.00034	0.0066	No	12	75	None	No	0.01	NP (NDs)
Cobalt (mg/L)	WGWC-23	0.005	0.00017	0.0066	No	12	75	None	No	0.01	NP (NDs)
Cobalt (mg/L)	**WGWC-24**	**0.08103**	**0.02992**	**0.0066**	**Yes**	**12**	**0**	**None**	**sqrt(x)**	**0.01**	**Param.**
Cobalt (mg/L)	WGWC-25	0.008032	0.004651	0.0066	No	12	0	None	No	0.01	Param.
Cobalt (mg/L)	WGWC-27	0.002245	0.001305	0.0066	No	8	0	None	No	0.01	Param.
Cobalt (mg/L)	WGWC-28D	0.005	0.00024	0.0066	No	6	50	None	No	0.0155	NP (normality)
Cobalt (mg/L)	WAMW-1	0.002508	0.0006919	0.0066	No	4	50	Kaplan-Meier	No	0.01	Param.
Cobalt (mg/L)	WAMW-2	0.001307	0.0003987	0.0066	No	4	50	Kaplan-Meier	sqrt(x)	0.01	Param.
Cobalt (mg/L)	PZ-26D	0.01524	0	0.0066	No	6	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	WGWC-9	0.488	0.157	13.1	No	29	0	None	No	0.01	NP (normality)
Combined Radium 226 + 228 (pCi/L)	WGWC-10	0.5023	0.223	13.1	No	29	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	WGWC-11	0.5941	0.2335	13.1	No	29	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	WGWC-12	0.6061	0.2767	13.1	No	29	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	WGWC-13	0.7335	0.4675	13.1	No	29	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	WGWC-14A	0.7919	0.5547	13.1	No	29	0	None	sqrt(x)	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	WGWC-15	0.7122	0.3778	13.1	No	29	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	WGWC-16	1.399	0.7411	13.1	No	29	0	None	sqrt(x)	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	WGWC-17	0.5488	0.2391	13.1	No	29	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	WGWC-19	0.523	0.2	13.1	No	29	0	None	No	0.01	NP (normality)
Combined Radium 226 + 228 (pCi/L)	WGWC-20	1.177	0.6897	13.1	No	12	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	WGWC-21	1.962	0.8904	13.1	No	12	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	WGWC-22	6.059	3.976	13.1	No	12	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	WGWC-23	1.493	0.5674	13.1	No	12	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	WGWC-24	1.317	0.7973	13.1	No	12	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	WGWC-25	1.124	0.6022	13.1	No	12	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	WGWC-27	5.548	1.528	13.1	No	8	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	WGWC-28D	14.9	6.161	13.1	No	6	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	WAMW-1	1.286	0.002391	13.1	No	4	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	WAMW-2	1.839	0.04898	13.1	No	4	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	PZ-26D	1.362	0.5144	13.1	No	6	0	None	No	0.01	Param.
Fluoride (mg/L)	WGWC-9	1.348	1.034	4	No	30	0	None	No	0.01	Param.
Fluoride (mg/L)	WGWC-10	0.1687	0.1223	4	No	30	6.667	None	No	0.01	Param.
Fluoride (mg/L)	WGWC-11	0.2	0.048	4	No	30	53.33	None	No	0.01	NP (NDs)
Fluoride (mg/L)	WGWC-12	0.1038	0.07351	4	No	30	16.67	Kaplan-Meier	sqrt(x)	0.01	Param.
Fluoride (mg/L)	WGWC-13	0.2612	0.1951	4	No	30	6.667	None	No	0.01	Param.
Fluoride (mg/L)	WGWC-14A	0.2	0.071	4	No	30	63.33	None	No	0.01	NP (NDs)
Fluoride (mg/L)	WGWC-15	0.8412	0.7594	4	No	30	0	None	No	0.01	Param.
Fluoride (mg/L)	WGWC-16	0.1301	0.07333	4	No	30	16.67	Kaplan-Meier	ln(x)	0.01	Param.
Fluoride (mg/L)	WGWC-17	0.1294	0.08629	4	No	30	10	None	No	0.01	Param.
Fluoride (mg/L)	WGWC-19	0.374	0.3211	4	No	30	0	None	x^2	0.01	Param.

Appendix IV Confidence Intervals - All Results

Plant Wansley Client: Southern Company Data: Wansley AP 1 Printed 8/17/2026, 1:07 PM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	%NDs	ND Adj.	Transform	Alpha	Method
Fluoride (mg/L)	WGWC-20	2.166	1.603	4	No	14	14.29	None	x^3	0.01	Param.
Fluoride (mg/L)	WGWC-21	1.993	1.554	4	No	14	14.29	None	x^3	0.01	Param.
Fluoride (mg/L)	WGWC-22	0.6128	0.2111	4	No	14	14.29	None	x^(1/3)	0.01	Param.
Fluoride (mg/L)	WGWC-23	0.09867	0.04649	4	No	14	14.29	None	sqrt(x)	0.01	Param.
Fluoride (mg/L)	WGWC-24	0.7702	0.2248	4	No	14	14.29	None	sqrt(x)	0.01	Param.
Fluoride (mg/L)	WGWC-25	0.2	0.038	4	No	14	57.14	None	No	0.01	NP (NDs)
Fluoride (mg/L)	WGWC-27	1.15	0.4054	4	No	8	12.5	None	No	0.01	Param.
Fluoride (mg/L)	WGWC-28D	2.811	0.2416	4	No	8	37.5	Kaplan-Meier	sqrt(x)	0.01	Param.
Fluoride (mg/L)	WAMW-1	0.6625	0.1655	4	No	5	20	Kaplan-Meier	No	0.01	Param.
Fluoride (mg/L)	WAMW-2	0.5559	0.09606	4	No	5	0	None	No	0.01	Param.
Fluoride (mg/L)	PZ-26D	0.3176	0.1349	4	No	8	12.5	None	No	0.01	Param.
Lead (mg/L)	WGWC-9	0.001	0.00014	0.015	No	27	96.3	None	No	0.01	NP (NDs)
Lead (mg/L)	WGWC-10	0.001	0.00026	0.015	No	27	59.26	None	No	0.01	NP (NDs)
Lead (mg/L)	WGWC-11	0.001	0.00058	0.015	No	27	85.19	None	No	0.01	NP (NDs)
Lead (mg/L)	WGWC-12	0.001	0.00033	0.015	No	27	96.3	None	No	0.01	NP (NDs)
Lead (mg/L)	WGWC-13	0.001	0.00038	0.015	No	27	40.74	None	No	0.01	NP (normality)
Lead (mg/L)	WGWC-14A	0.001	0.00031	0.015	No	27	62.96	None	No	0.01	NP (NDs)
Lead (mg/L)	WGWC-15	0.001	0.0003	0.015	No	27	96.3	None	No	0.01	NP (NDs)
Lead (mg/L)	WGWC-16	0.001	0.00014	0.015	No	27	92.59	None	No	0.01	NP (NDs)
Lead (mg/L)	WGWC-17	0.001	0.00033	0.015	No	27	92.59	None	No	0.01	NP (NDs)
Lead (mg/L)	WGWC-19	0.001	0.0003	0.015	No	27	96.3	None	No	0.01	NP (NDs)
Lead (mg/L)	WGWC-22	0.001	0.00023	0.015	No	12	58.33	None	No	0.01	NP (NDs)
Lead (mg/L)	WGWC-23	0.002	0.001	0.015	No	12	83.33	None	No	0.01	NP (NDs)
Lead (mg/L)	WGWC-24	0.0007536	0.0003304	0.015	No	12	16.67	Kaplan-Meier	No	0.01	Param.
Lead (mg/L)	WGWC-25	0.001	0.00065	0.015	No	12	91.67	Kaplan-Meier	No	0.01	NP (NDs)
Lead (mg/L)	WGWC-28D	0.001	0.00022	0.015	No	6	83.33	Kaplan-Meier	No	0.0155	NP (NDs)
Lead (mg/L)	PZ-26D	0.001	0.001	0.015	No	6	83.33	Kaplan-Meier	No	0.0155	NP (NDs)
Lithium (mg/L)	WGWC-9	0.03619	0.03178	0.04	No	29	0	None	No	0.01	Param.
Lithium (mg/L)	WGWC-10	0.01109	0.005769	0.04	No	29	3.448	None	sqrt(x)	0.01	Param.
Lithium (mg/L)	WGWC-11	0.02	0.0025	0.04	No	29	82.76	None	No	0.01	NP (NDs)
Lithium (mg/L)	WGWC-12	0.0077	0.0061	0.04	No	29	3.448	None	No	0.01	NP (normality)
Lithium (mg/L)	WGWC-13	0.02	0.0038	0.04	No	29	72.41	None	No	0.01	NP (NDs)
Lithium (mg/L)	WGWC-14A	0.02	0.0035	0.04	No	29	68.97	None	No	0.01	NP (NDs)
Lithium (mg/L)	WGWC-15	0.00735	0.005602	0.04	No	29	6.897	None	No	0.01	Param.
Lithium (mg/L)	WGWC-16	0.009385	0.006249	0.04	No	29	13.79	None	No	0.01	Param.
Lithium (mg/L)	WGWC-17	0.0058	0.0044	0.04	No	29	3.448	None	No	0.01	NP (normality)
Lithium (mg/L)	**WGWC-19**	**0.05785**	**0.05084**	**0.04**	**Yes**	**29**	**0**	**None**	**No**	**0.01**	**Param.**
Lithium (mg/L)	**WGWC-20**	**0.1531**	**0.1189**	**0.04**	**Yes**	**14**	**0**	**None**	**sqrt(x)**	**0.01**	**Param.**
Lithium (mg/L)	**WGWC-21**	**0.0845**	**0.0499**	**0.04**	**Yes**	**10**	**0**	**None**	**No**	**0.01**	**Param.**
Lithium (mg/L)	WGWC-22	0.011	0.0069	0.04	No	14	0	None	No	0.01	NP (normality)
Lithium (mg/L)	WGWC-23	0.02	0.002	0.04	No	14	57.14	None	No	0.01	NP (NDs)
Lithium (mg/L)	WGWC-24	0.007229	0.004243	0.04	No	14	0	None	No	0.01	Param.
Lithium (mg/L)	WGWC-25	0.004797	0.003289	0.04	No	14	14.29	None	No	0.01	Param.
Lithium (mg/L)	WGWC-27	0.03706	0.01699	0.04	No	8	0	None	No	0.01	Param.
Lithium (mg/L)	**WGWC-28D**	**0.47**	**0.18**	**0.04**	**Yes**	**8**	**0**	**None**	**No**	**0.004**	**NP (normality)**
Lithium (mg/L)	WAMW-1	0.05669	0.005712	0.04	No	5	20	Kaplan-Meier	No	0.01	Param.
Lithium (mg/L)	WAMW-2	0.03657	0.01623	0.04	No	5	0	None	No	0.01	Param.
Lithium (mg/L)	PZ-26D	0.03615	0.02418	0.04	No	6	0	None	No	0.01	Param.
Mercury (mg/L)	WGWC-9	0.0002	0.00013	0.002	No	25	96	None	No	0.01	NP (NDs)
Mercury (mg/L)	WGWC-10	0.0002	0.00013	0.002	No	25	84	None	No	0.01	NP (NDs)
Mercury (mg/L)	WGWC-11	0.0002	0.00011	0.002	No	25	92	None	No	0.01	NP (NDs)
Mercury (mg/L)	WGWC-12	0.0002	0.00018	0.002	No	25	84	None	No	0.01	NP (NDs)
Mercury (mg/L)	WGWC-13	0.0002	0.000083	0.002	No	25	92	None	No	0.01	NP (NDs)
Mercury (mg/L)	WGWC-14A	0.0002	0.00013	0.002	No	25	96	None	No	0.01	NP (NDs)
Mercury (mg/L)	WGWC-15	0.0002	0.000093	0.002	No	25	84	None	No	0.01	NP (NDs)
Mercury (mg/L)	WGWC-16	0.0002	0.00019	0.002	No	25	88	None	No	0.01	NP (NDs)
Mercury (mg/L)	WGWC-17	0.0002	0.000074	0.002	No	25	96	None	No	0.01	NP (NDs)
Mercury (mg/L)	WGWC-19	0.0002	0.00012	0.002	No	25	92	None	No	0.01	NP (NDs)
Mercury (mg/L)	WGWC-20	0.00033	0.0002	0.002	No	12	91.67	None	No	0.01	NP (NDs)
Mercury (mg/L)	WGWC-21	0.0002	0.0002	0.002	No	12	91.67	None	No	0.01	NP (NDs)
Mercury (mg/L)	WGWC-22	0.0002	0.00018	0.002	No	12	91.67	None	No	0.01	NP (NDs)
Mercury (mg/L)	WGWC-23	0.00022	0.0002	0.002	No	12	91.67	None	No	0.01	NP (NDs)
Mercury (mg/L)	WGWC-24	0.00026	0.0002	0.002	No	12	91.67	None	No	0.01	NP (NDs)
Mercury (mg/L)	WGWC-25	0.0019	0.0002	0.002	No	12	91.67	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	WGWC-9	0.0048	0.0028	0.1	No	29	0	None	No	0.01	NP (normality)

Appendix IV Confidence Intervals - All Results

Plant Wansley Client: Southern Company Data: Wansley AP 1 Printed 8/17/2026, 1:07 PM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	%NDs	ND Adj.	Transform	Alpha	Method
Molybdenum (mg/L)	WGWC-10	0.005	0.00093	0.1	No	29	93.1	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	WGWC-11	0.005	0.0017	0.1	No	29	93.1	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	WGWC-12	0.005	0.0046	0.1	No	29	75.86	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	WGWC-13	0.0025	0.0012	0.1	No	29	10.34	None	No	0.01	NP (normality)
Molybdenum (mg/L)	WGWC-14A	0.005	0.001	0.1	No	29	96.55	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	WGWC-15	0.004723	0.002868	0.1	No	29	0	None	ln(x)	0.01	Param.
Molybdenum (mg/L)	WGWC-17	0.0044	0.0023	0.1	No	29	0	None	No	0.01	NP (normality)
Molybdenum (mg/L)	WGWC-19	0.0022	0.0012	0.1	No	29	24.14	None	No	0.01	NP (normality)
Molybdenum (mg/L)	WGWC-20	0.015	0.00079	0.1	No	12	58.33	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	WGWC-21	0.0375	0.02717	0.1	No	12	0	None	No	0.01	Param.
Molybdenum (mg/L)	WGWC-22	0.0082	0.00084	0.1	No	12	83.33	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	WGWC-28D	0.018	0.0082	0.1	No	6	0	None	No	0.0155	NP (normality)
Molybdenum (mg/L)	WAMW-1	0.015	0.0023	0.1	No	4	25	None	No	0.0625	NP (normality)
Molybdenum (mg/L)	WAMW-2	0.005	0.0023	0.1	No	4	75	None	No	0.0625	NP (NDs)
Molybdenum (mg/L)	PZ-26D	0.002813	0.002387	0.1	No	6	0	None	No	0.01	Param.
Selenium (mg/L)	WGWC-9	0.002885	0.002368	0.05	No	29	0	None	No	0.01	Param.
Selenium (mg/L)	WGWC-10	0.005	0.00031	0.05	No	29	96.55	None	No	0.01	NP (NDs)
Selenium (mg/L)	WGWC-11	0.005	0.00049	0.05	No	29	96.55	None	No	0.01	NP (NDs)
Selenium (mg/L)	WGWC-12	0.005	0.0021	0.05	No	29	96.55	None	No	0.01	NP (NDs)
Selenium (mg/L)	WGWC-14A	0.005	0.0003	0.05	No	29	96.55	None	No	0.01	NP (NDs)
Selenium (mg/L)	WGWC-15	0.005	0.0005	0.05	No	29	96.55	None	No	0.01	NP (NDs)
Selenium (mg/L)	WGWC-16	0.005746	0.002757	0.05	No	29	17.24	Kaplan-Meier	sqrt(x)	0.01	Param.
Selenium (mg/L)	WGWC-19	0.005	0.00036	0.05	No	29	96.55	Kaplan-Meier	No	0.01	NP (NDs)
Selenium (mg/L)	WGWC-20	0.00325	0.001734	0.05	No	12	8.333	None	No	0.01	Param.
Selenium (mg/L)	WGWC-22	0.005916	0.003284	0.05	No	12	0	None	No	0.01	Param.
Selenium (mg/L)	WGWC-23	0.00277	0.001963	0.05	No	12	8.333	None	No	0.01	Param.
Selenium (mg/L)	WGWC-24	0.005	0.00077	0.05	No	12	91.67	None	No	0.01	NP (NDs)
Selenium (mg/L)	WGWC-28D	0.0066	0.0023	0.05	No	6	66.67	None	No	0.0155	NP (NDs)
Thallium (mg/L)	WGWC-10	0.001	0.000085	0.002	No	29	96.55	None	No	0.01	NP (NDs)
Thallium (mg/L)	WGWC-11	0.001	0.00049	0.002	No	29	93.1	None	No	0.01	NP (NDs)
Thallium (mg/L)	WGWC-12	0.0042	0.001	0.002	No	29	96.55	None	No	0.01	NP (NDs)
Thallium (mg/L)	WGWC-14A	0.001	0.00019	0.002	No	29	58.62	None	No	0.01	NP (NDs)
Thallium (mg/L)	WGWC-15	0.001	0.00025	0.002	No	29	96.55	None	No	0.01	NP (NDs)
Thallium (mg/L)	WGWC-16	0.001	0.00019	0.002	No	29	58.62	None	No	0.01	NP (NDs)
Thallium (mg/L)	WGWC-19	0.001	0.00018	0.002	No	29	96.55	None	No	0.01	NP (NDs)
Thallium (mg/L)	WGWC-22	0.001	0.00047	0.002	No	12	91.67	None	No	0.01	NP (NDs)
Thallium (mg/L)	WGWC-24	0.0005722	0.0003328	0.002	No	12	8.333	None	No	0.01	Param.
Thallium (mg/L)	WAMW-1	0.001	0.00025	0.002	No	4	75	None	No	0.0625	NP (NDs)

Appendix IV Trend Test - Confidence Interval Exceedances - Significant Results

Plant Wansley Client: Southern Company Data: Wansley AP 1 Printed 4/22/2026, 1:30 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Beryllium (mg/L)	**WGWC-24**	**-0.002154**	**-39**	**-30**	**Yes**	**12**	**0**	**n/a**	**n/a**	**0.05**	**NP**
Cobalt (mg/L)	**WGWA-1 (bg)**	**-0.00006537**	**-269**	**-106**	**Yes**	**29**	**3.448**	**n/a**	**n/a**	**0.05**	**NP**
Cobalt (mg/L)	**WGWA-2 (bg)**	**-0.00007451**	**-211**	**-106**	**Yes**	**29**	**13.79**	**n/a**	**n/a**	**0.05**	**NP**
Cobalt (mg/L)	**WGWA-5 (bg)**	**-0.0002865**	**-116**	**-76**	**Yes**	**23**	**4.348**	**n/a**	**n/a**	**0.05**	**NP**
Cobalt (mg/L)	**WGWA-18 (bg)**	**-0.0002414**	**-176**	**-106**	**Yes**	**29**	**13.79**	**n/a**	**n/a**	**0.05**	**NP**
Cobalt (mg/L)	**WGWC-24**	**-0.02002**	**-41**	**-30**	**Yes**	**12**	**0**	**n/a**	**n/a**	**0.05**	**NP**
Lithium (mg/L)	**WGWC-19**	**0.001678**	**185**	**106**	**Yes**	**29**	**0**	**n/a**	**n/a**	**0.05**	**NP**
Lithium (mg/L)	**WGWC-20**	**0.008538**	**44**	**37**	**Yes**	**14**	**0**	**n/a**	**n/a**	**0.05**	**NP**
Lithium (mg/L)	**WGWC-21**	**0.01365**	**81**	**37**	**Yes**	**14**	**0**	**n/a**	**n/a**	**0.05**	**NP**

Appendix IV Trend Test - Confidence Interval Exceedances - All Results

Plant Wansley Client: Southern Company Data: Wansley AP 1 Printed 4/22/2026, 1:30 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Beryllium (mg/L)	WGWA-1 (bg)	0	-9	-106	No	29	89.66	n/a	n/a	0.05	NP
Beryllium (mg/L)	WGWA-2 (bg)	0	-7	-106	No	29	89.66	n/a	n/a	0.05	NP
Beryllium (mg/L)	WGWA-3 (bg)	0	-11	-106	No	29	93.1	n/a	n/a	0.05	NP
Beryllium (mg/L)	WGWA-4 (bg)	0	0	106	No	29	100	n/a	n/a	0.05	NP
Beryllium (mg/L)	WGWA-5 (bg)	0	-2	-85	No	25	96	n/a	n/a	0.05	NP
Beryllium (mg/L)	WGWA-6 (bg)	0	-2	-106	No	29	96.55	n/a	n/a	0.05	NP
Beryllium (mg/L)	WGWA-7 (bg)	0	0	106	No	29	96.55	n/a	n/a	0.05	NP
Beryllium (mg/L)	WGWA-18 (bg)	0	0	106	No	29	100	n/a	n/a	0.05	NP
Beryllium (mg/L)	WGWC-20	0.00001997	7	30	No	12	0	n/a	n/a	0.05	NP
Beryllium (mg/L)	**WGWC-24**	**-0.002154**	**-39**	**-30**	**Yes**	**12**	**0**	**n/a**	**n/a**	**0.05**	**NP**
Cobalt (mg/L)	**WGWA-1 (bg)**	**-0.00006537**	**-269**	**-106**	**Yes**	**29**	**3.448**	**n/a**	**n/a**	**0.05**	**NP**
Cobalt (mg/L)	**WGWA-2 (bg)**	**-0.00007451**	**-211**	**-106**	**Yes**	**29**	**13.79**	**n/a**	**n/a**	**0.05**	**NP**
Cobalt (mg/L)	WGWA-3 (bg)	0	0	106	No	29	100	n/a	n/a	0.05	NP
Cobalt (mg/L)	WGWA-4 (bg)	0	6	106	No	29	96.55	n/a	n/a	0.05	NP
Cobalt (mg/L)	**WGWA-5 (bg)**	**-0.0002865**	**-116**	**-76**	**Yes**	**23**	**4.348**	**n/a**	**n/a**	**0.05**	**NP**
Cobalt (mg/L)	WGWA-6 (bg)	0	20	106	No	29	86.21	n/a	n/a	0.05	NP
Cobalt (mg/L)	WGWA-7 (bg)	0	-8	-106	No	29	65.52	n/a	n/a	0.05	NP
Cobalt (mg/L)	**WGWA-18 (bg)**	**-0.0002414**	**-176**	**-106**	**Yes**	**29**	**13.79**	**n/a**	**n/a**	**0.05**	**NP**
Cobalt (mg/L)	**WGWC-24**	**-0.02002**	**-41**	**-30**	**Yes**	**12**	**0**	**n/a**	**n/a**	**0.05**	**NP**
Lithium (mg/L)	WGWA-1 (bg)	-0.00005109	-58	-101	No	28	35.71	n/a	n/a	0.05	NP
Lithium (mg/L)	WGWA-2 (bg)	0.000006772	13	101	No	28	0	n/a	n/a	0.05	NP
Lithium (mg/L)	WGWA-3 (bg)	0	31	101	No	28	89.29	n/a	n/a	0.05	NP
Lithium (mg/L)	WGWA-4 (bg)	0	8	101	No	28	10.71	n/a	n/a	0.05	NP
Lithium (mg/L)	WGWA-5 (bg)	0	0	76	No	23	95.65	n/a	n/a	0.05	NP
Lithium (mg/L)	WGWA-6 (bg)	0.00003377	27	96	No	27	11.11	n/a	n/a	0.05	NP
Lithium (mg/L)	WGWA-7 (bg)	0	13	101	No	28	96.43	n/a	n/a	0.05	NP
Lithium (mg/L)	WGWA-18 (bg)	0	-8	-101	No	28	82.14	n/a	n/a	0.05	NP
Lithium (mg/L)	**WGWC-19**	**0.001678**	**185**	**106**	**Yes**	**29**	**0**	**n/a**	**n/a**	**0.05**	**NP**
Lithium (mg/L)	**WGWC-20**	**0.008538**	**44**	**37**	**Yes**	**14**	**0**	**n/a**	**n/a**	**0.05**	**NP**
Lithium (mg/L)	**WGWC-21**	**0.01365**	**81**	**37**	**Yes**	**14**	**0**	**n/a**	**n/a**	**0.05**	**NP**
Lithium (mg/L)	WGWC-28D	0.05776	11	17	No	8	0	n/a	n/a	0.05	NP

Appendix IV Confidence Intervals - Well PZ-31 - All Results (No Significant)

Plant Wansley Client: Southern Company Data: Wansley AP 1 Printed 7/27/2026, 11:30 AM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	%NDs	ND Adj.	Transform	Alpha	Method
Beryllium (mg/L)	PZ-31	0.000828	0.000112	0.004	No	4	25	Kaplan-Meier	No	0.01	Param.
Cobalt (mg/L)	PZ-31	0.008541	0	0.0066	No	4	25	Kaplan-Meier	No	0.01	Param.
Fluoride (mg/L)	PZ-31	0.2	0.1	4	No	4	50	None	No	0.0625	NP (normality)

FIGURE A.

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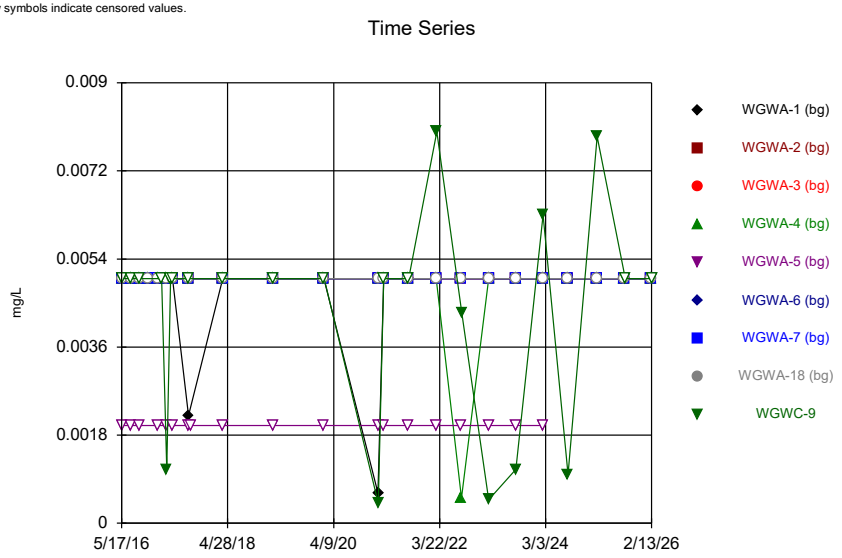
Hollow symbols indicate censored values.



Constituent: Antimony Analysis Run 8/17/2026 12:53 PM
Plant Wansley Client: Southern Company Data: Wansley AP 1

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Constituent: Antimony Analysis Run 8/17/2026 12:53 PM
Plant Wansley Client: Southern Company Data: Wansley AP 1

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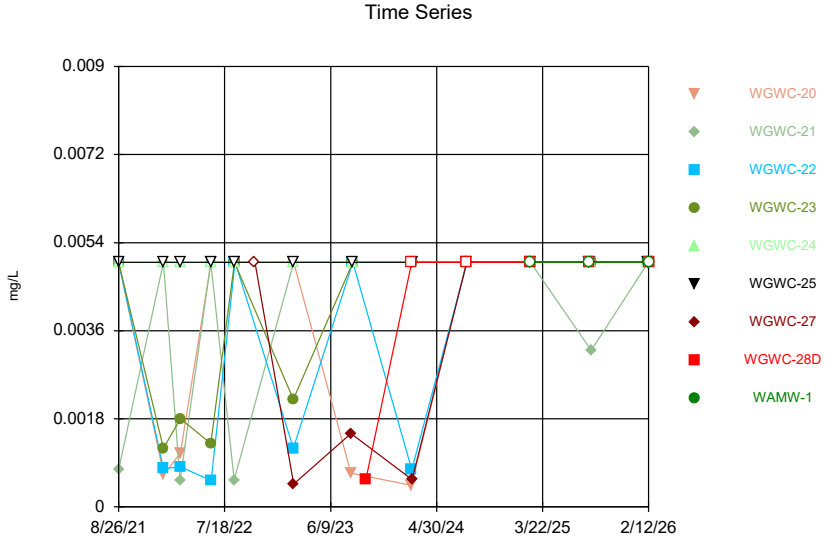
Hollow symbols indicate censored values.



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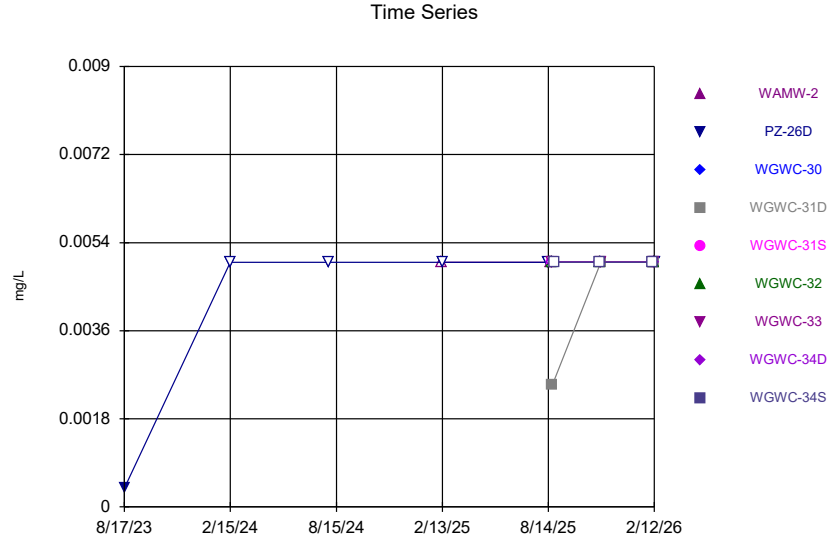
Hollow symbols indicate censored values.



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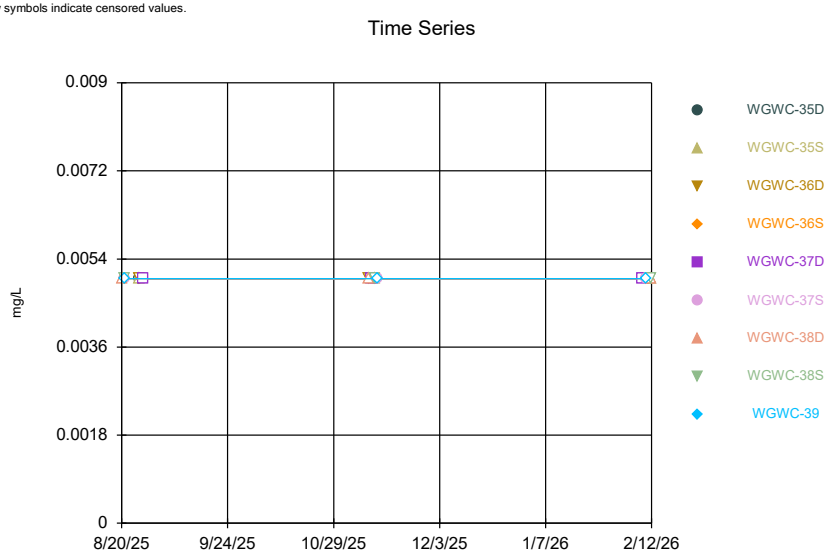
Hollow symbols indicate censored values.



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Plant Wansley Client: Southern Company Data: Wansley AP 1

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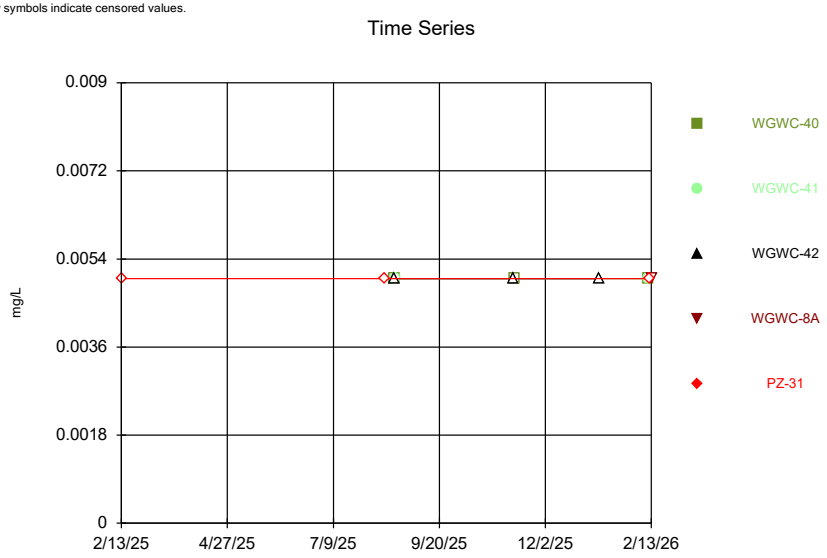
Hollow symbols indicate censored values.



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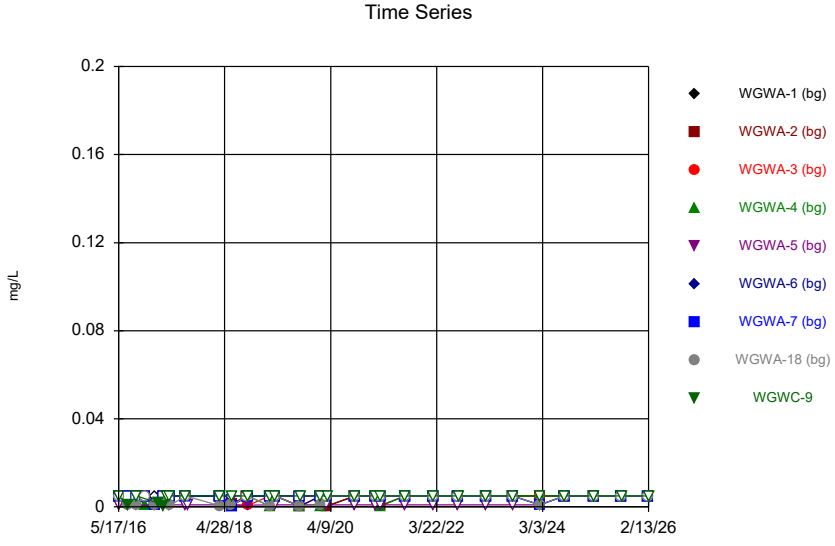

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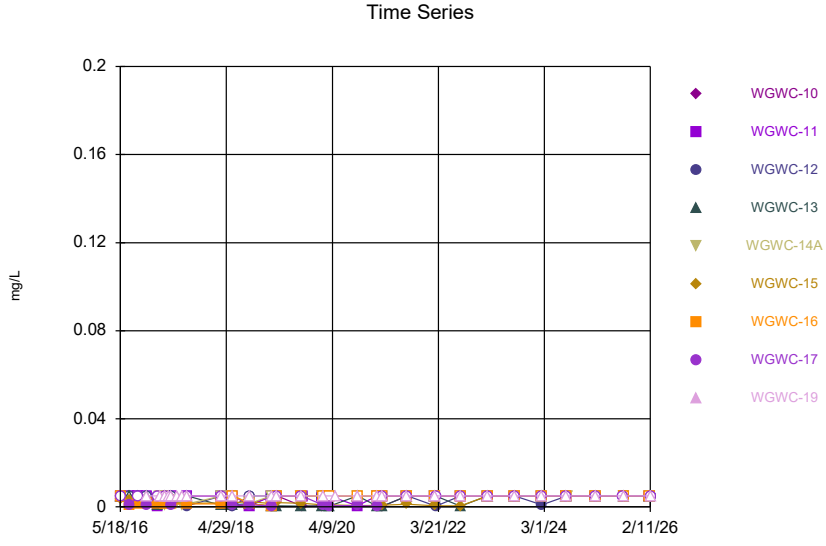

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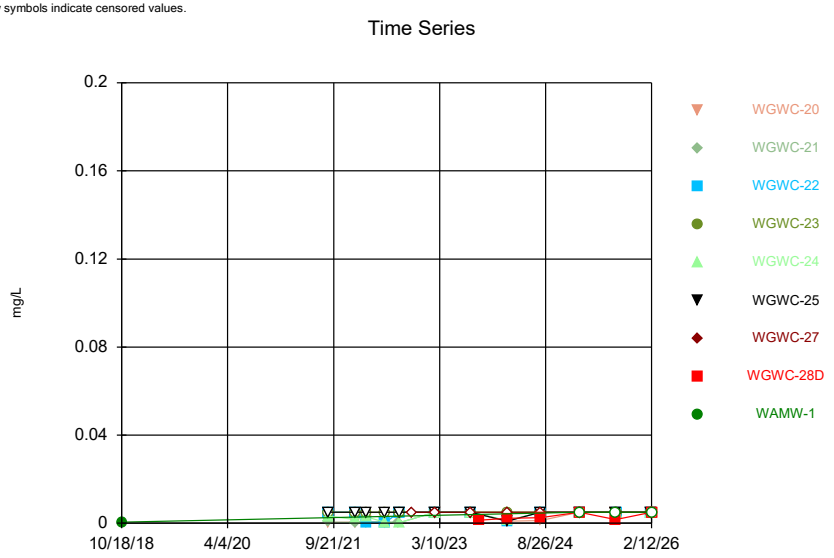

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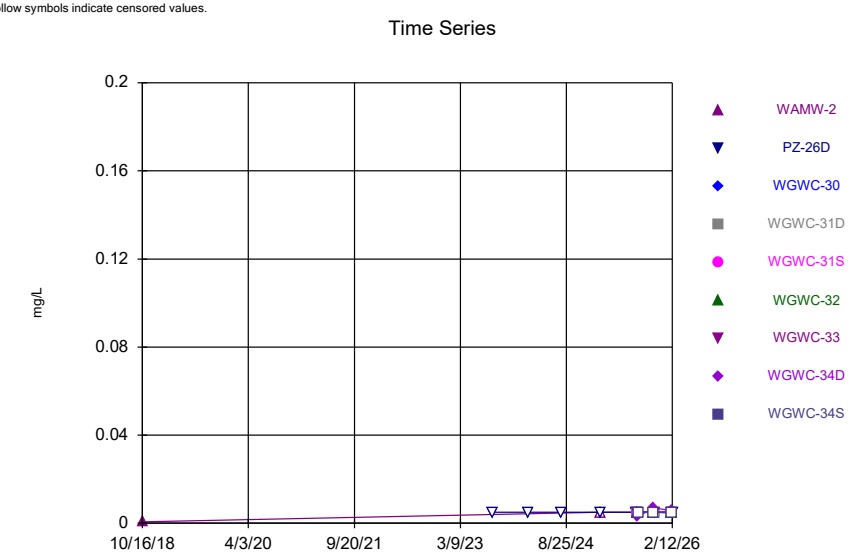

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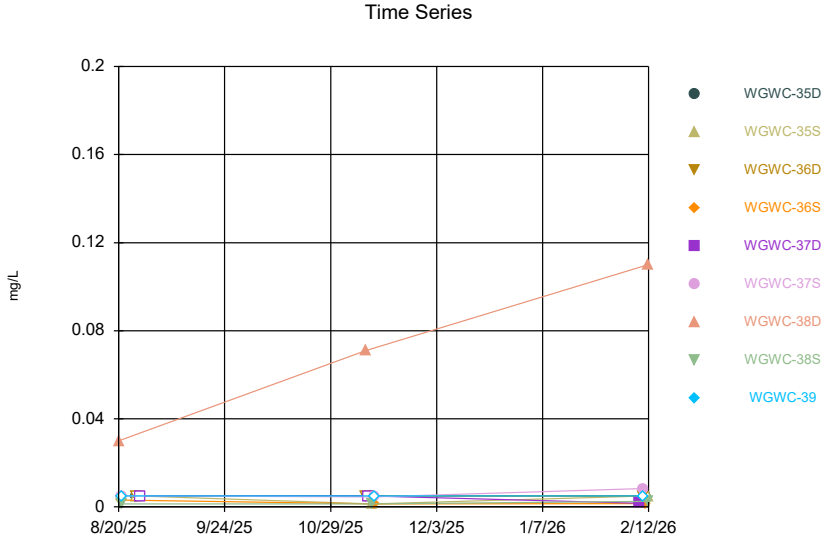

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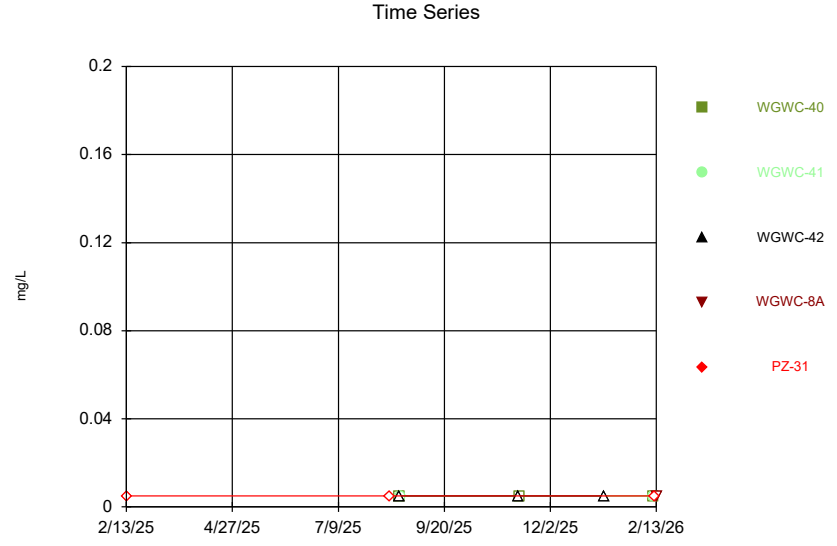

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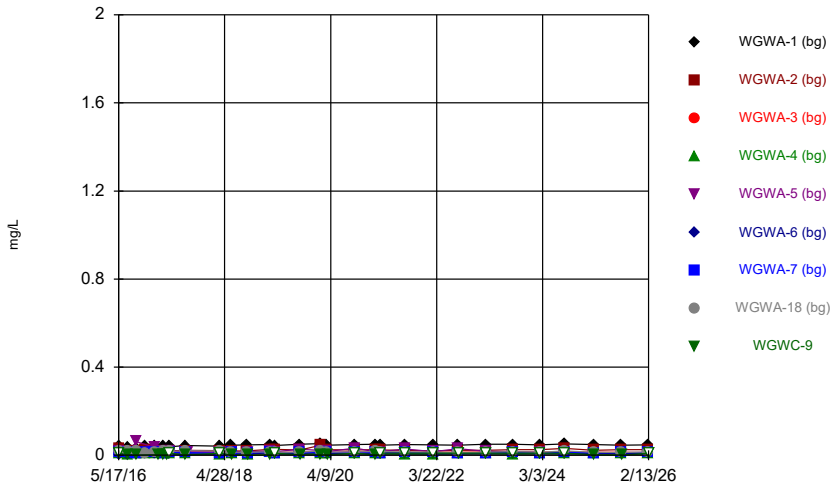
Time Series



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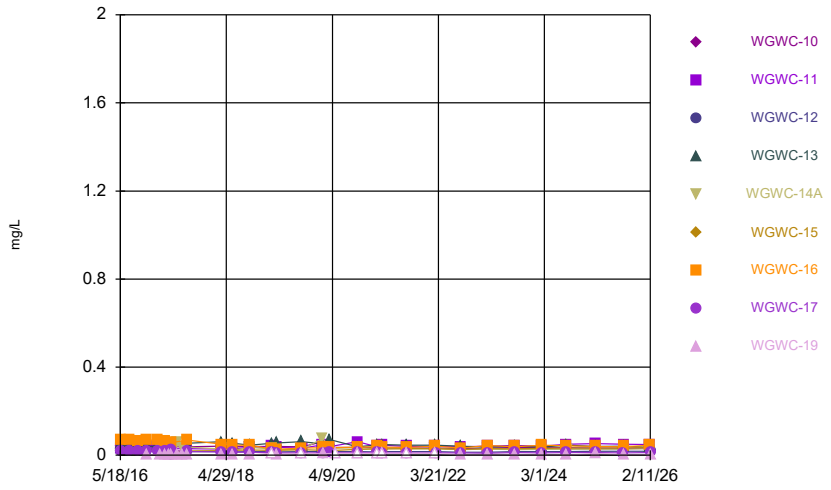
Time Series



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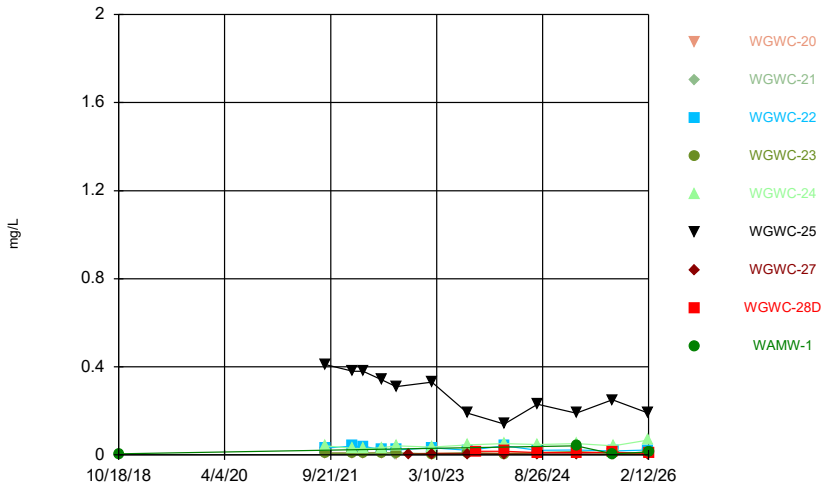
Time Series



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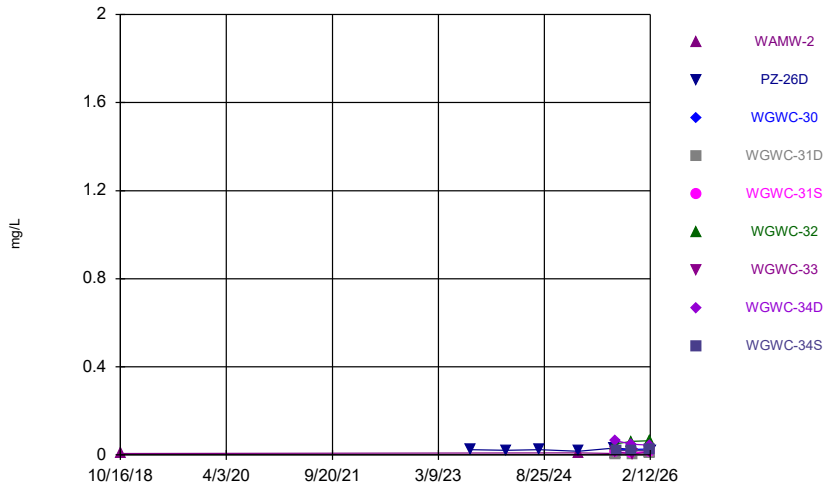
Time Series



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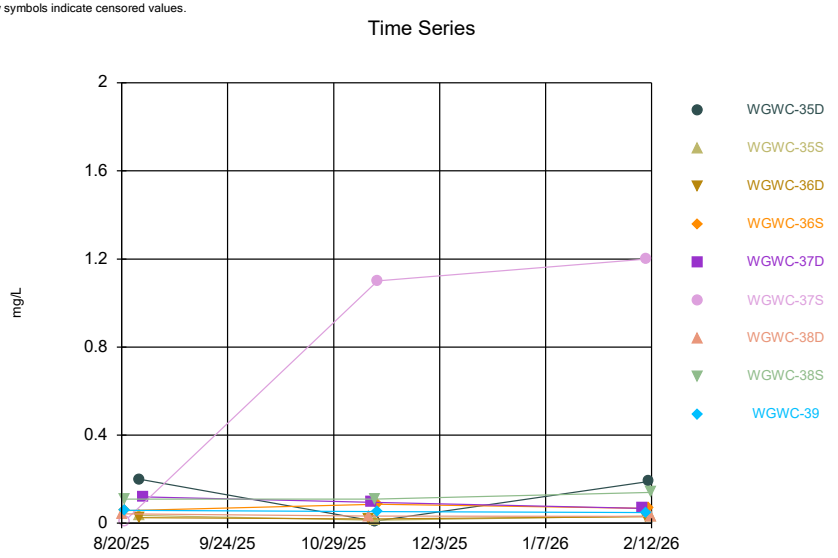

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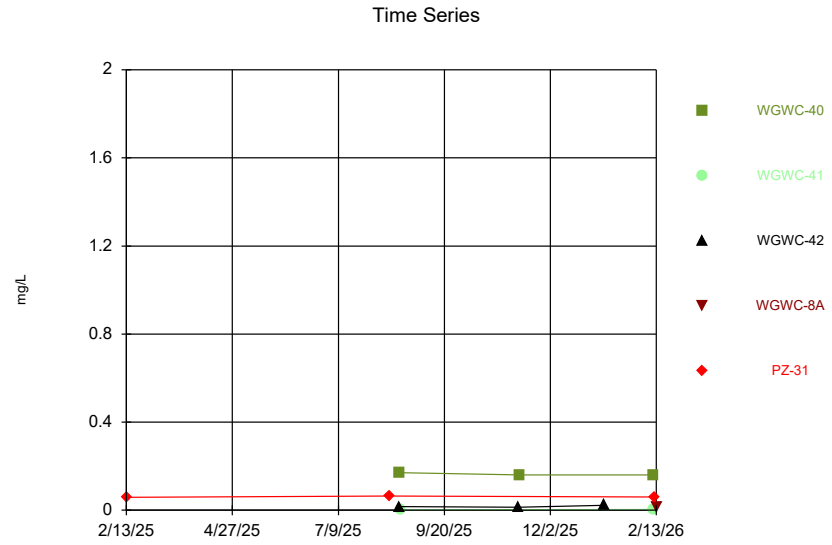

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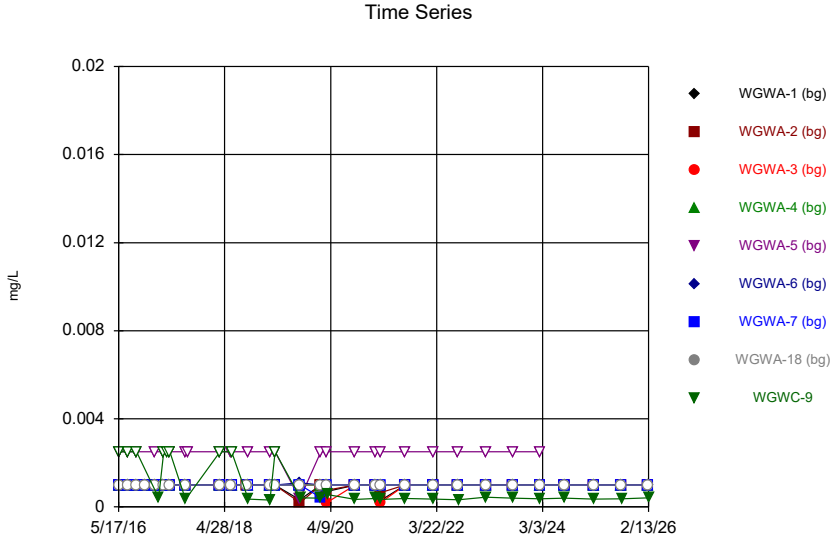

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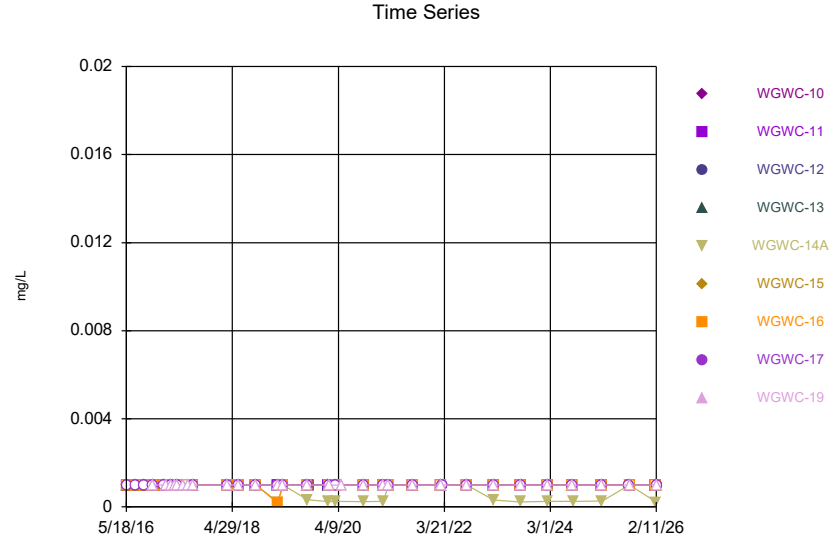

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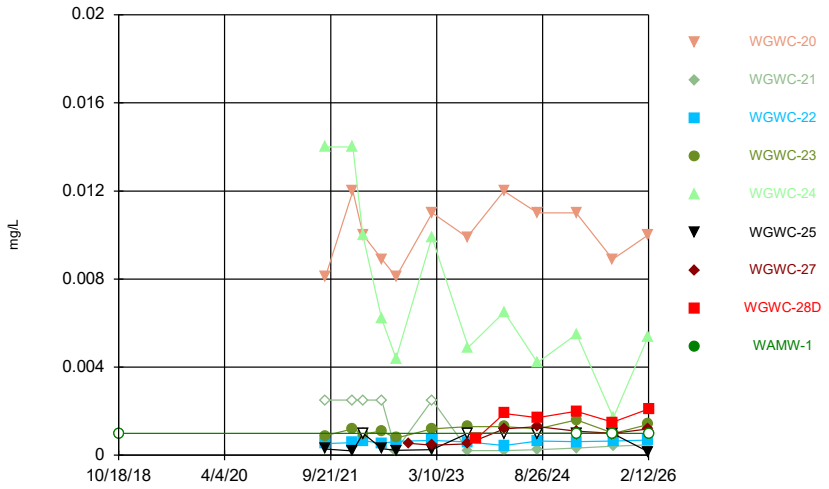

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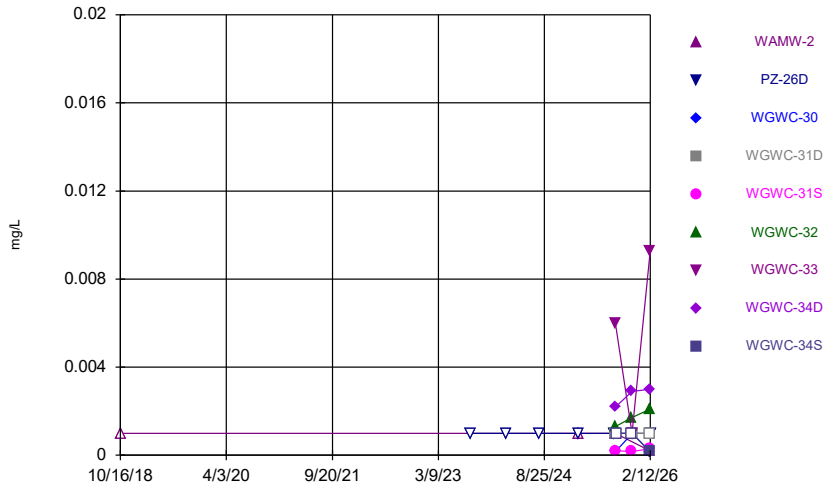

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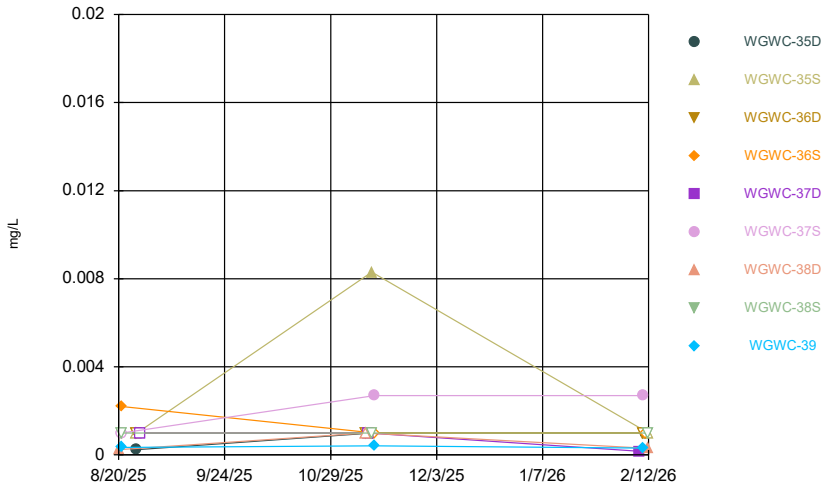

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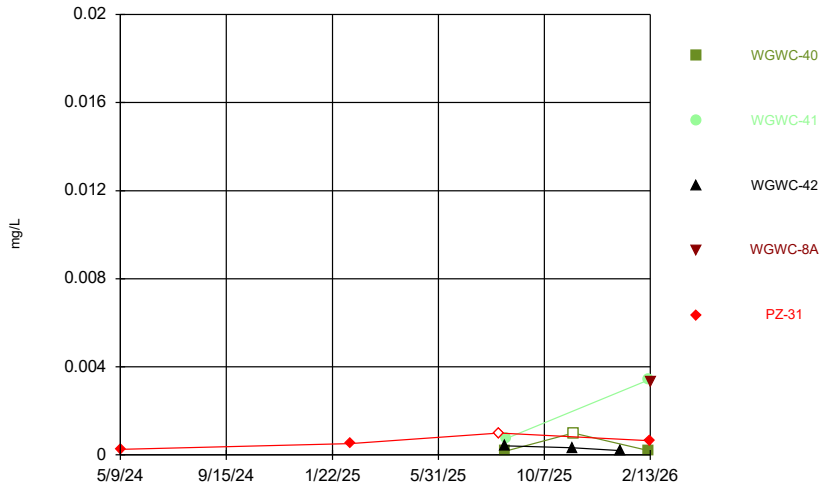

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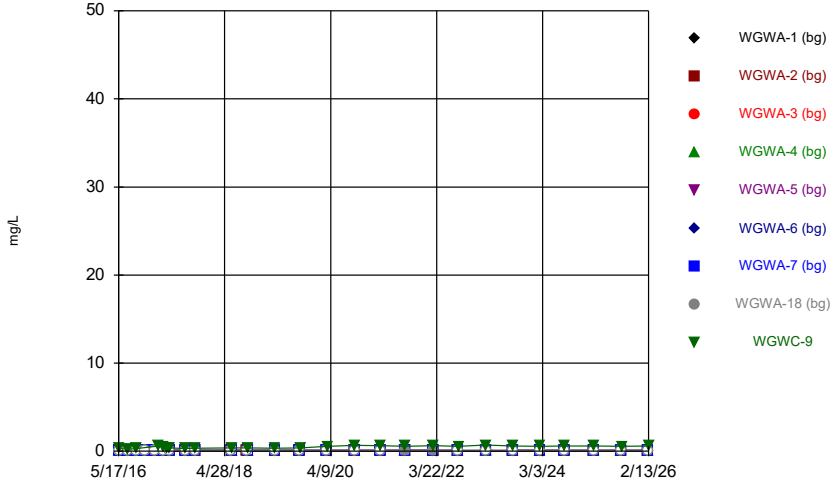

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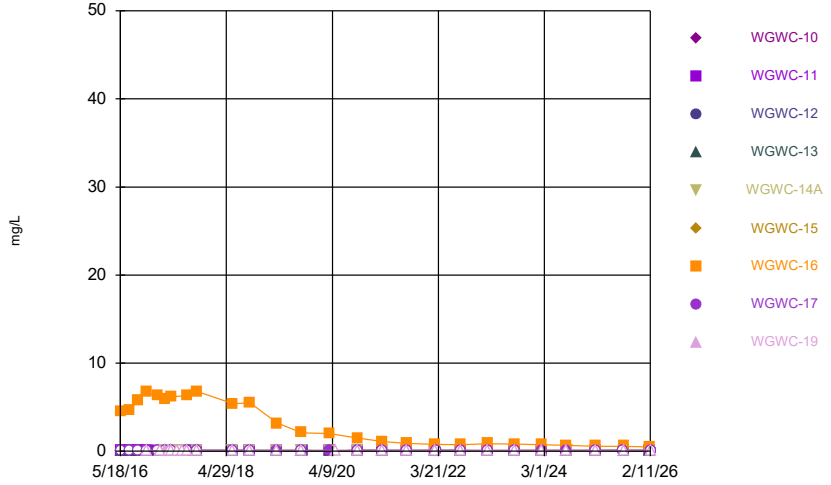

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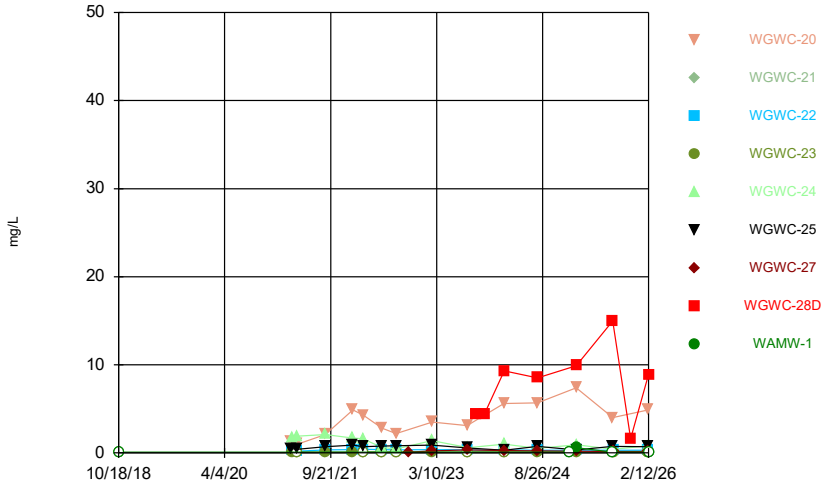

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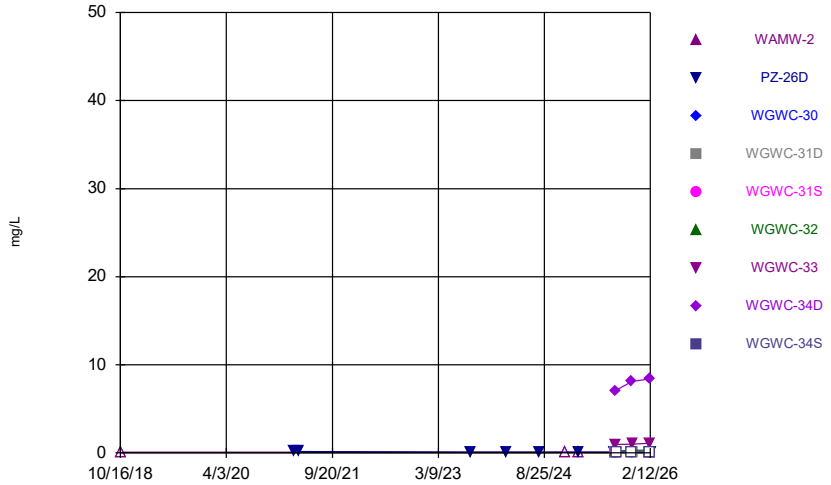

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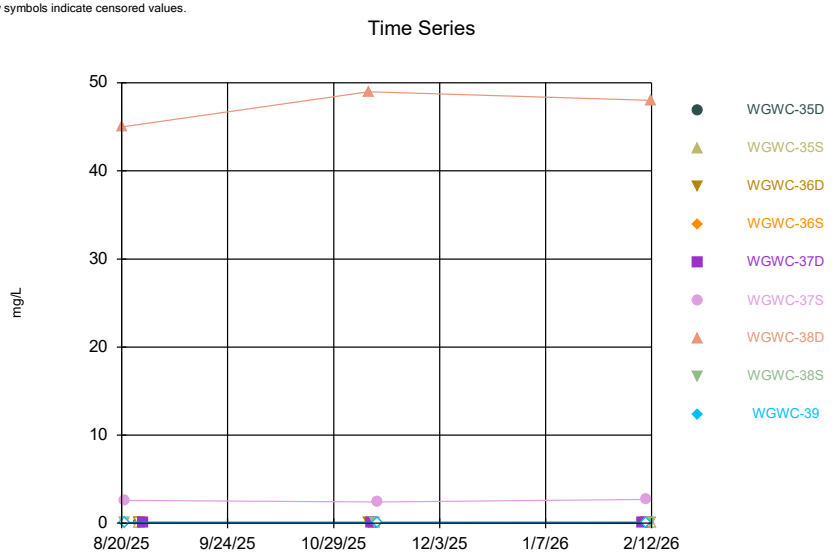

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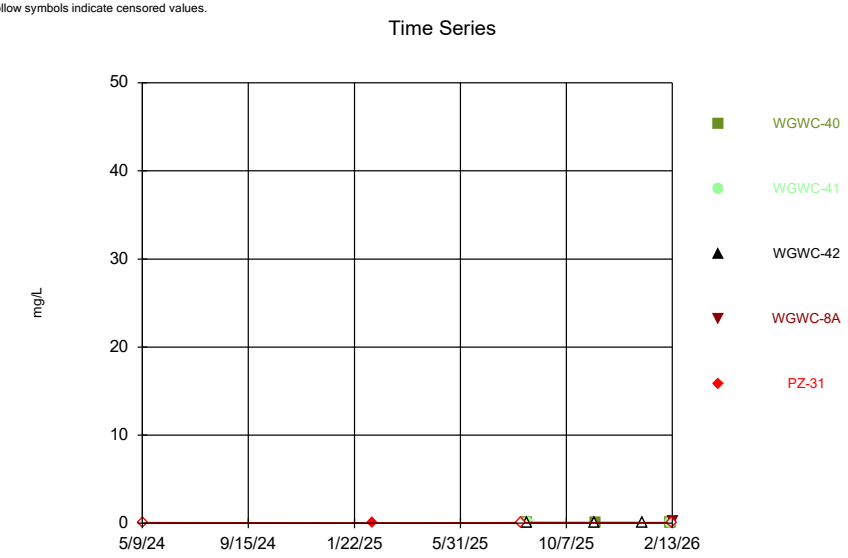

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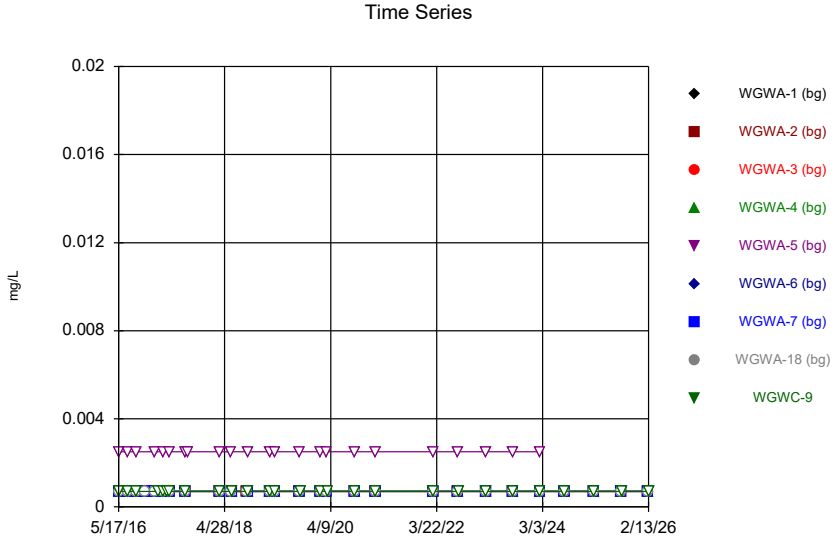

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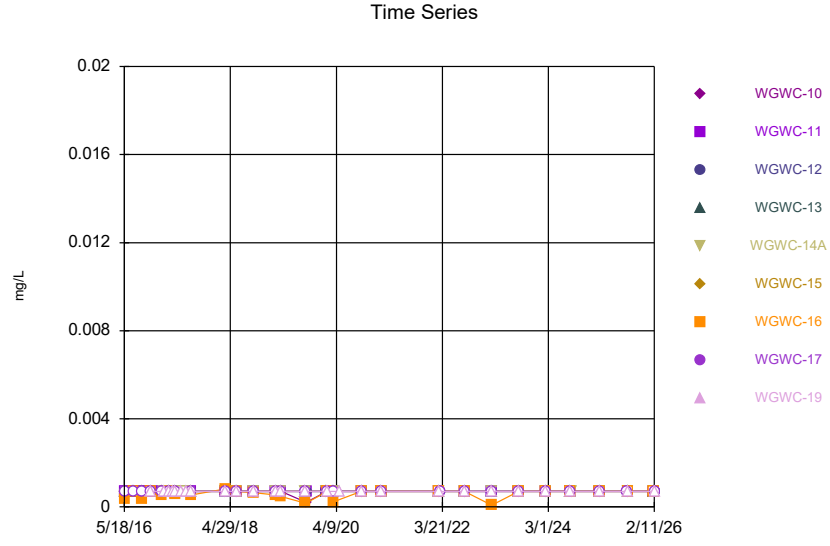

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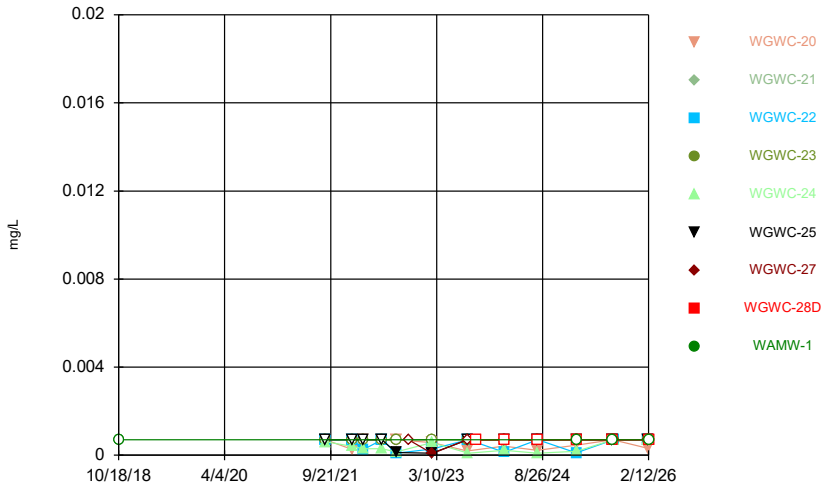

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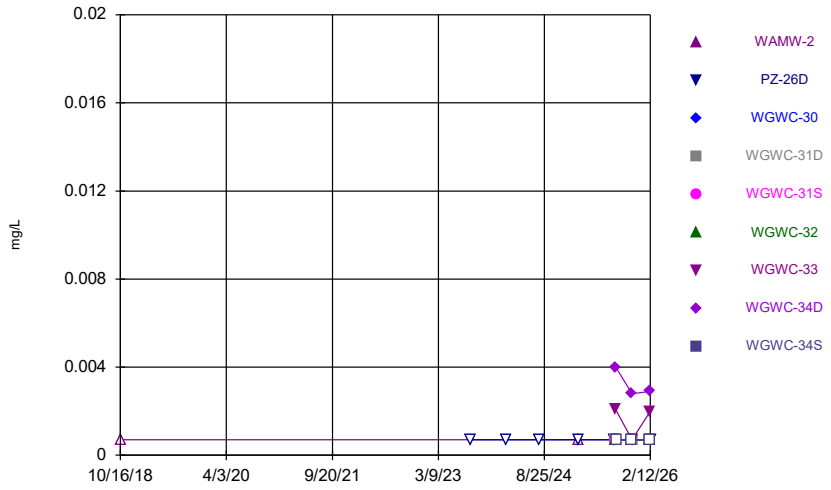

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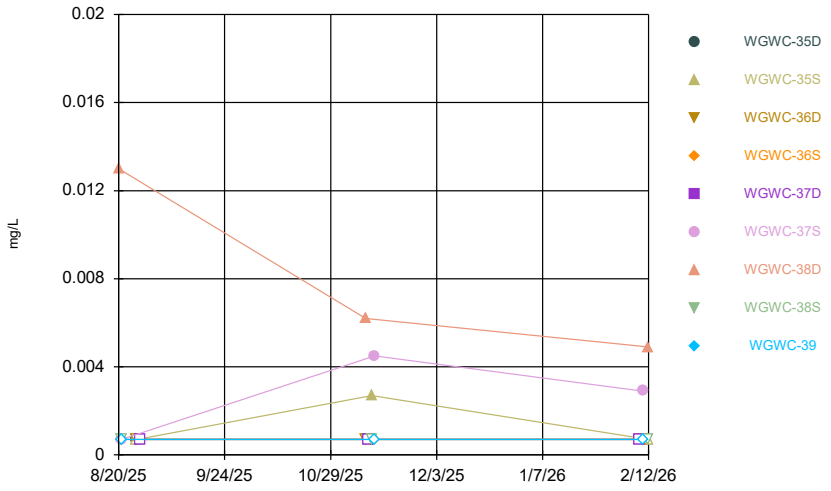

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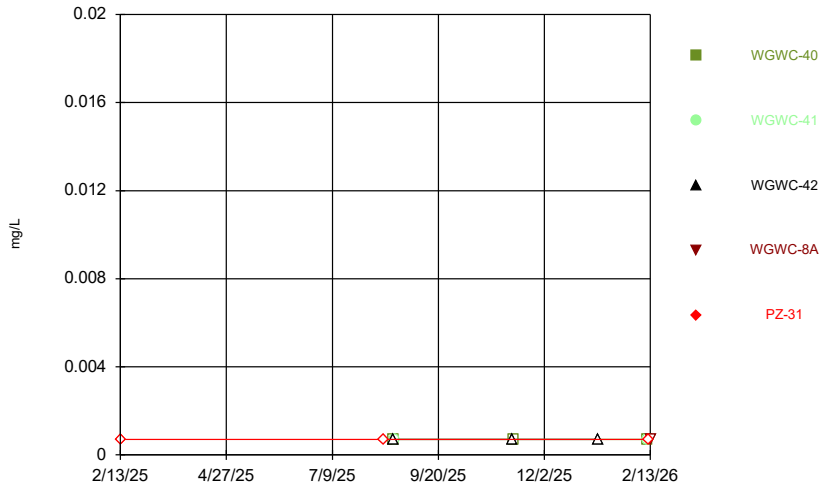

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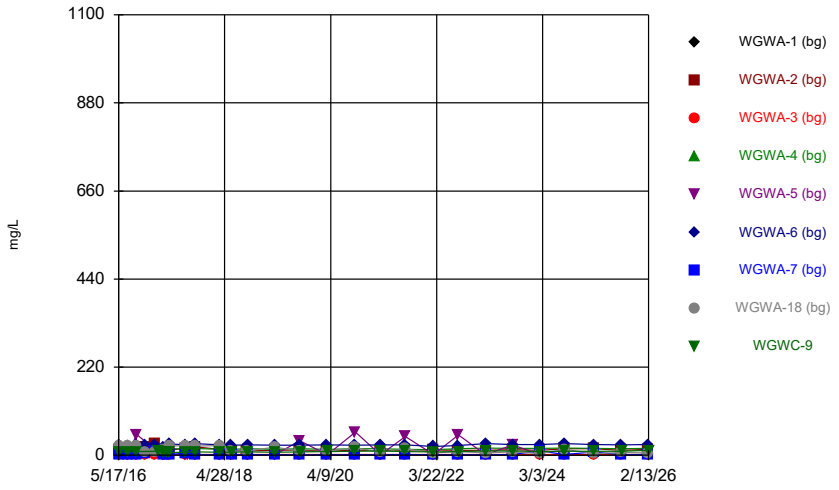

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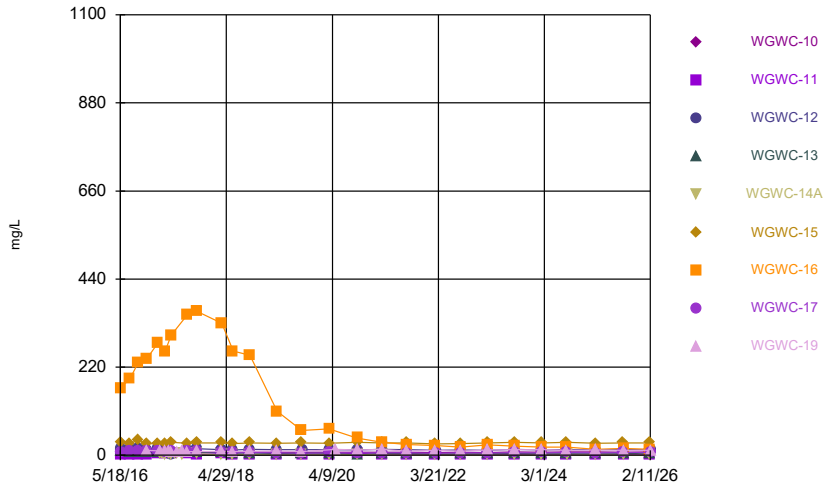
Time Series



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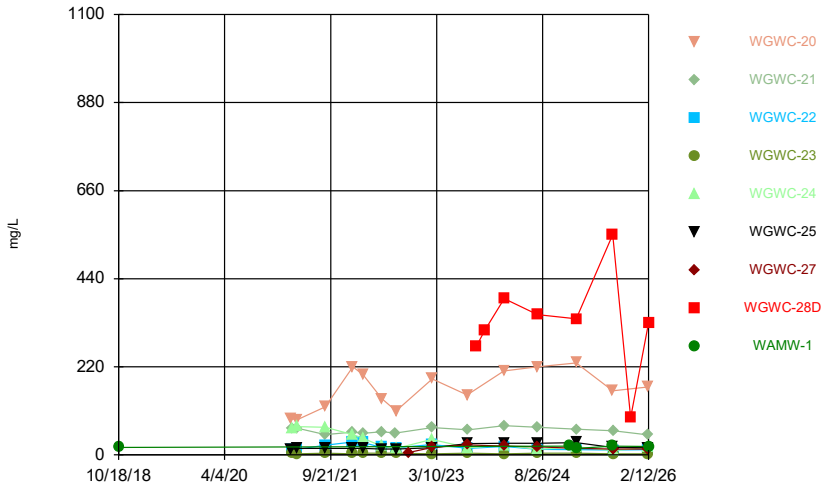

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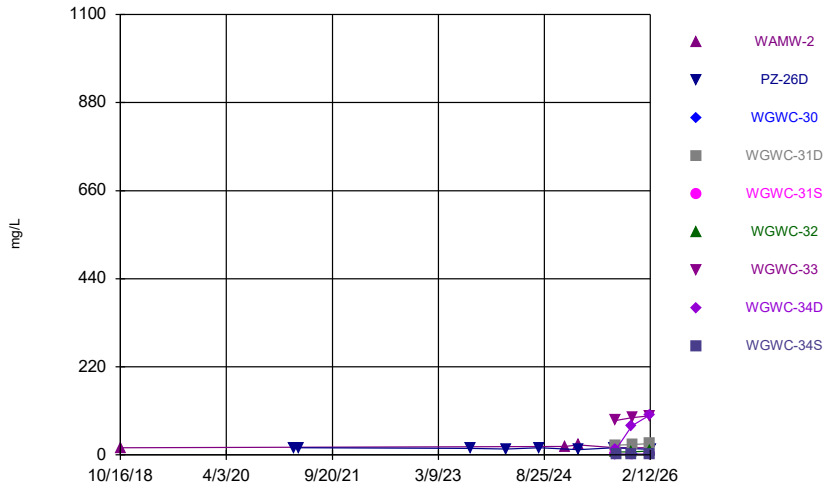

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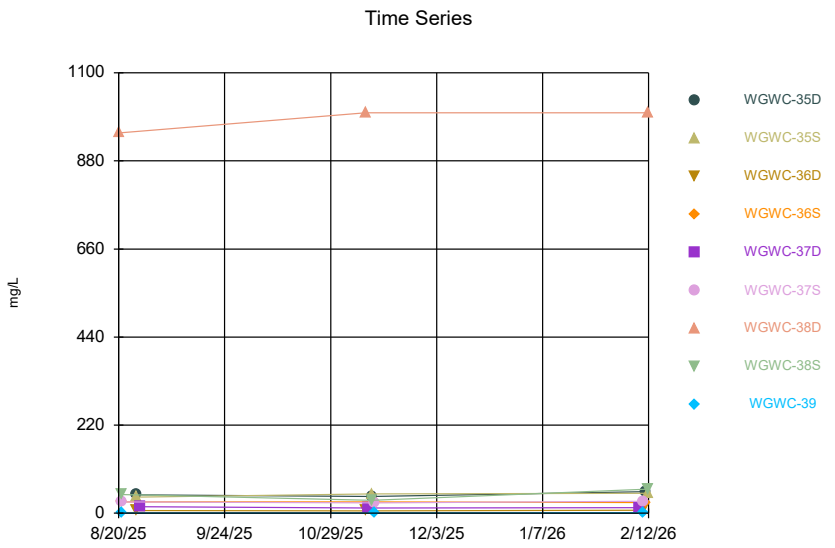

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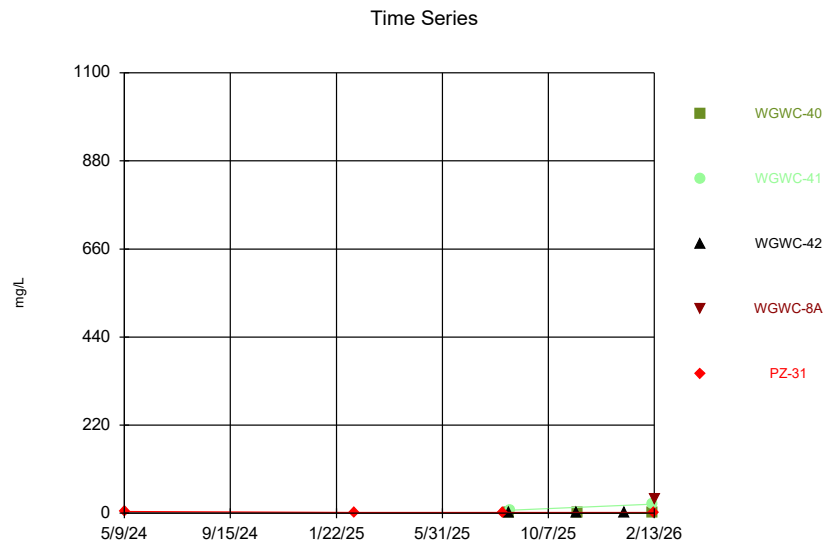

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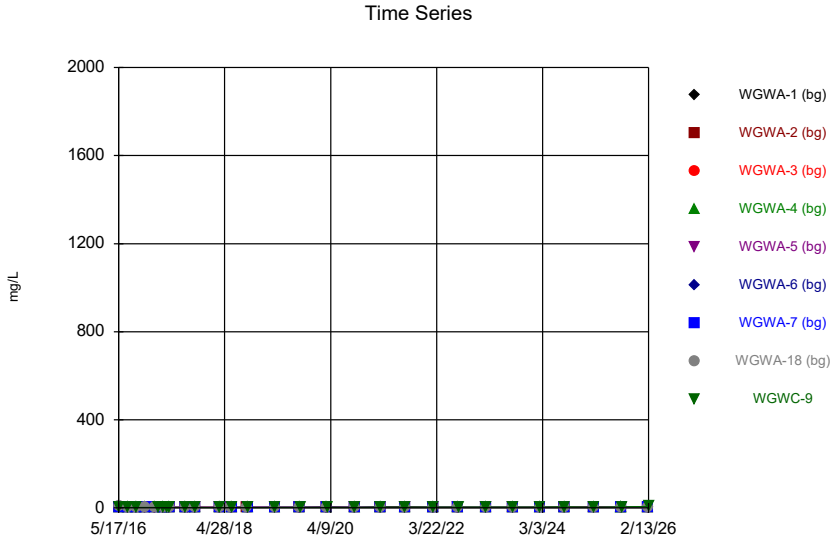

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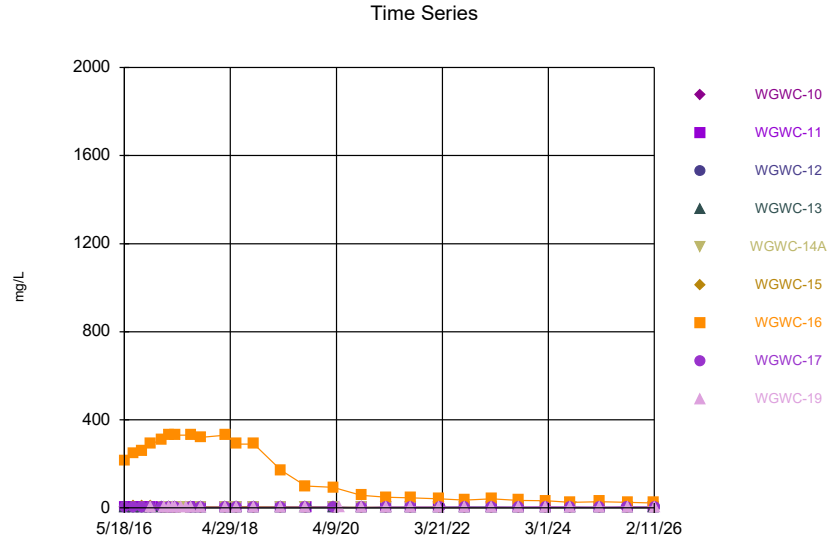

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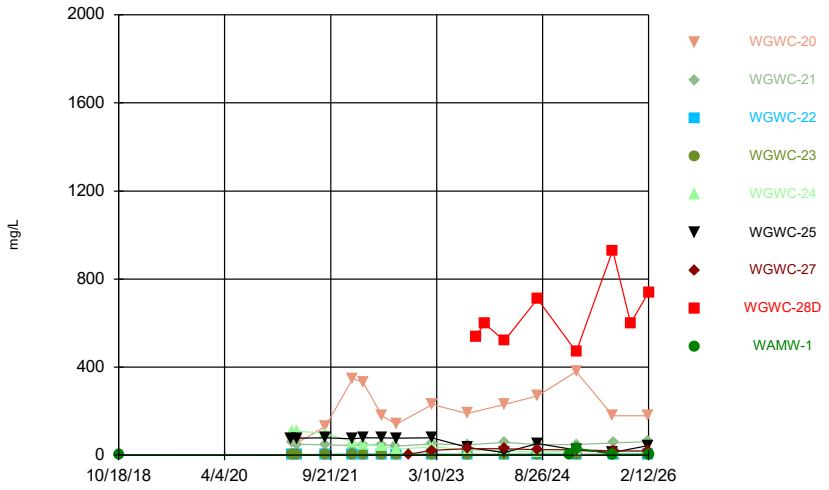
Time Series



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Plant Wansley Client: Southern Company Data: Wansley AP 1

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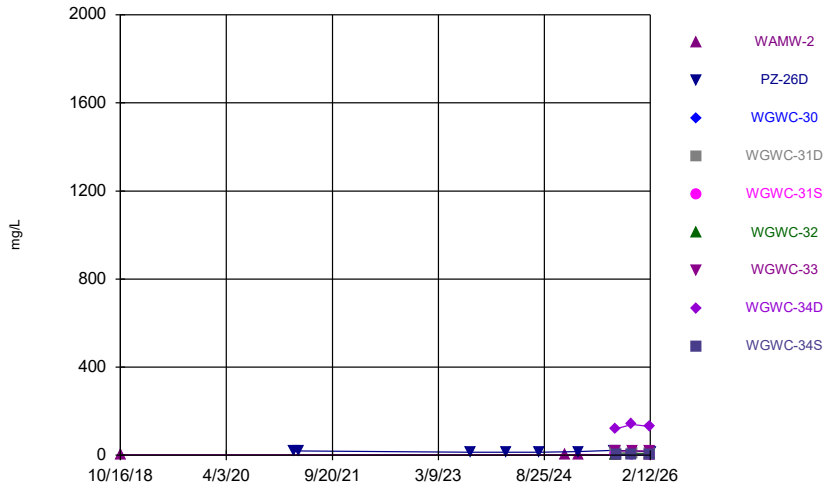
Time Series



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Plant Wansley Client: Southern Company Data: Wansley AP 1

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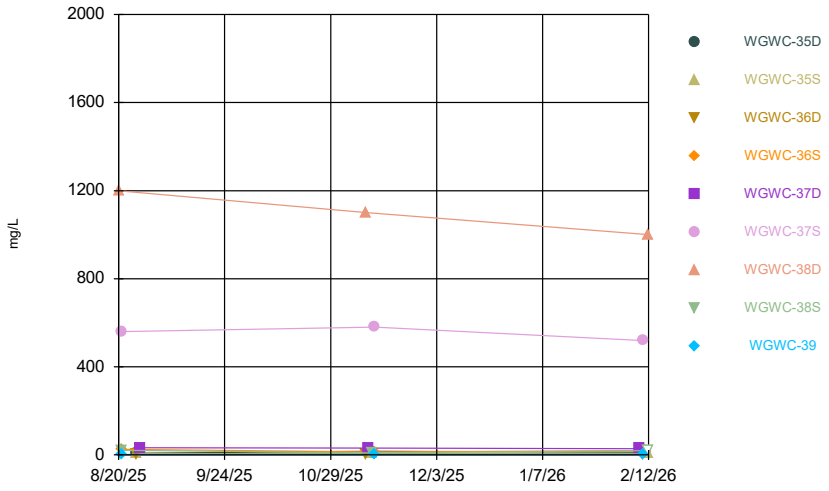
Hollow symbols indicate censored values.

Time Series



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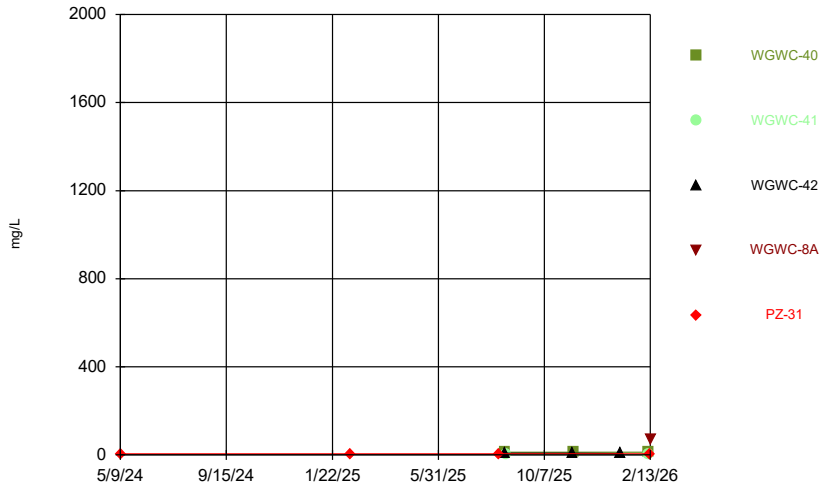
Time Series



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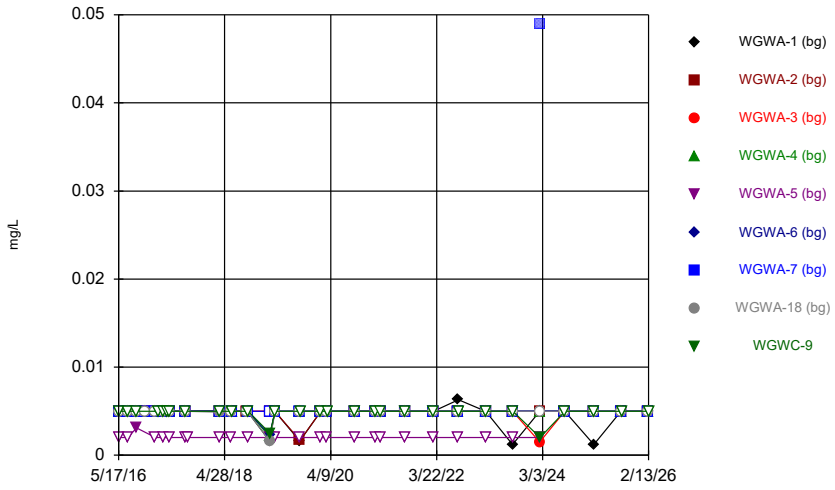
Time Series



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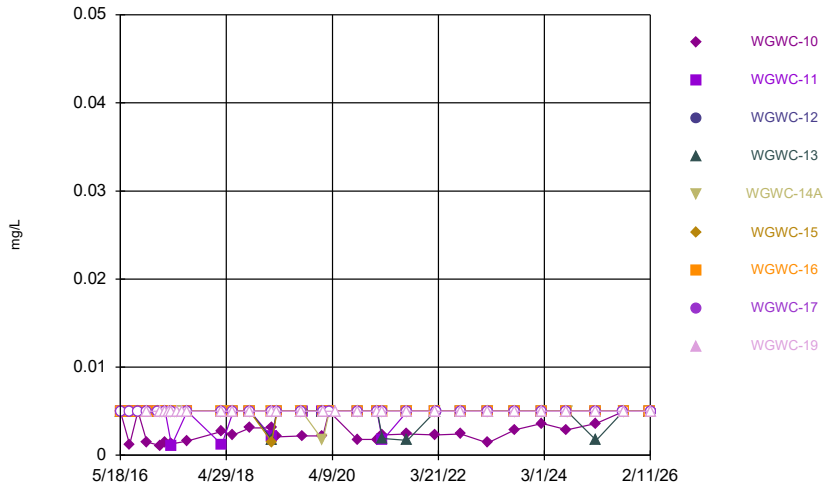
Hollow symbols indicate censored values.

Time Series



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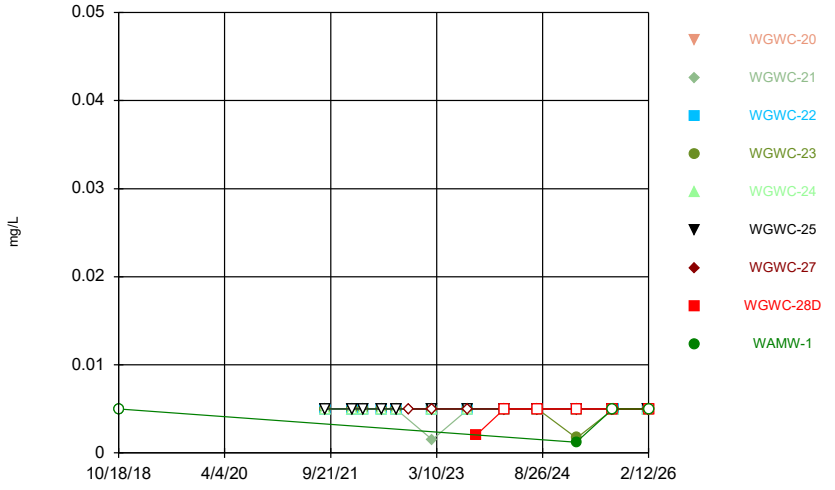

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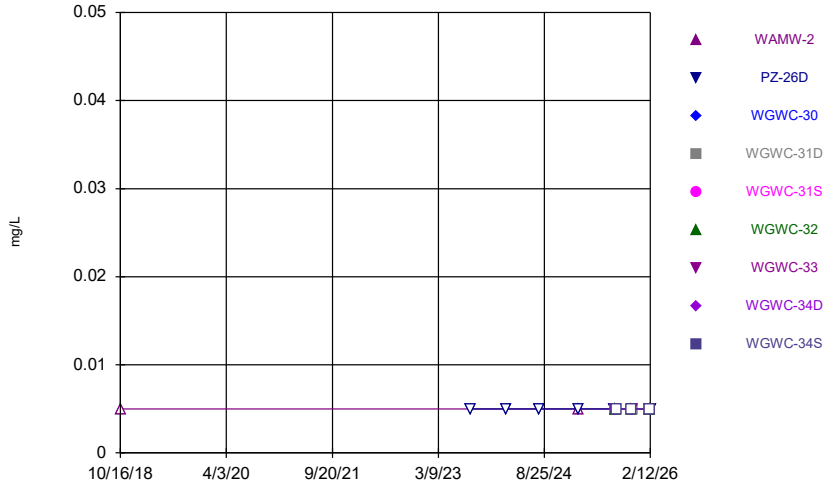
Time Series



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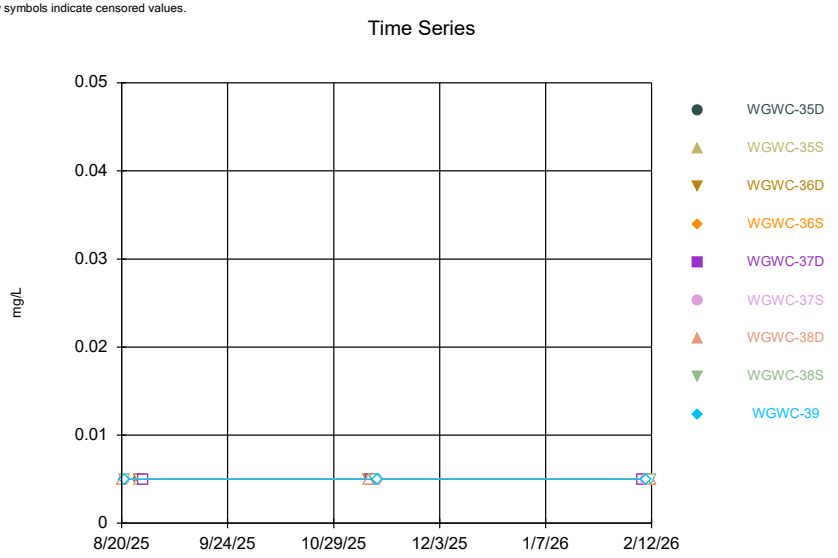

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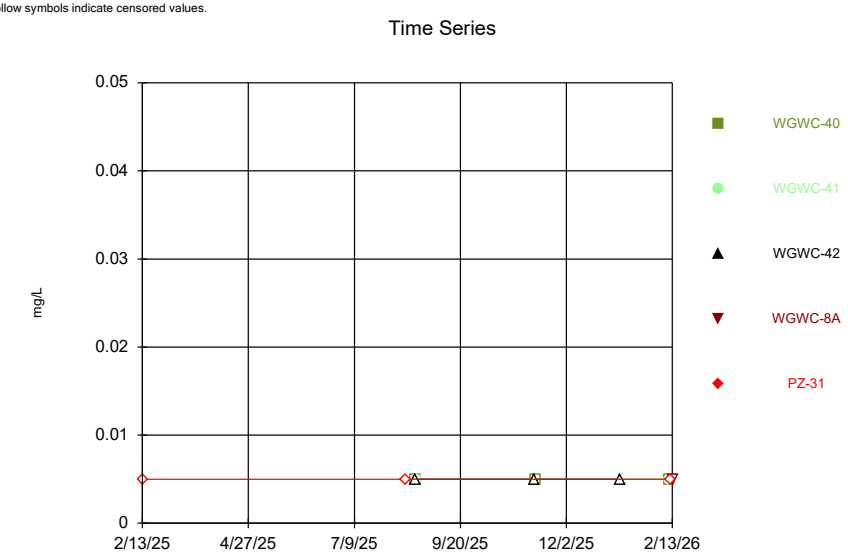

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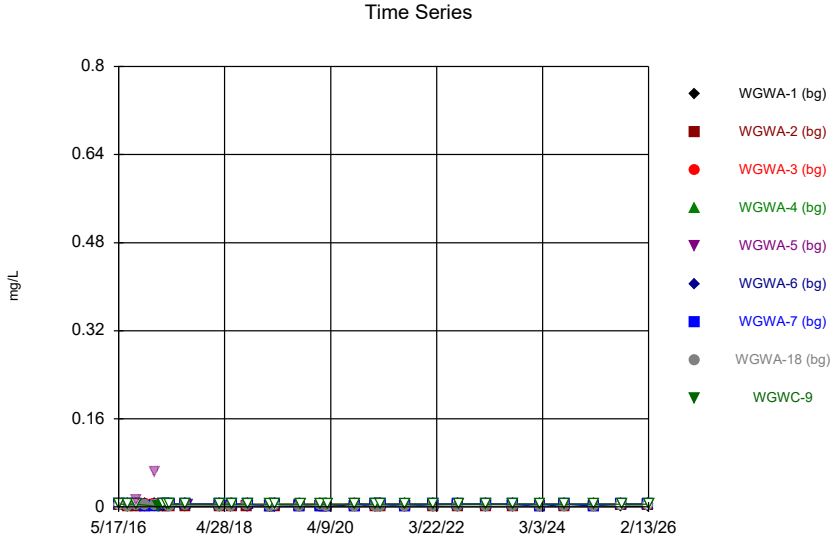

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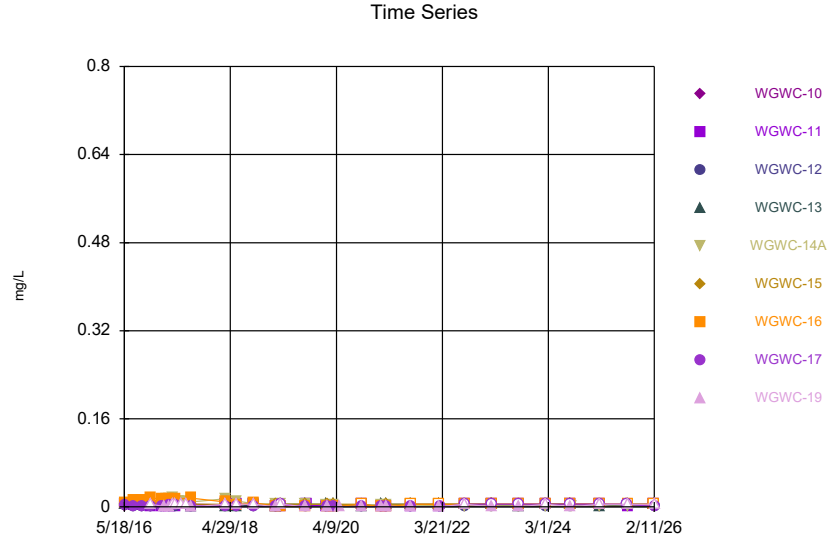

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Sanitas™ v.10.1.08 Software licensed to Groundwater Stats Consulting. UG
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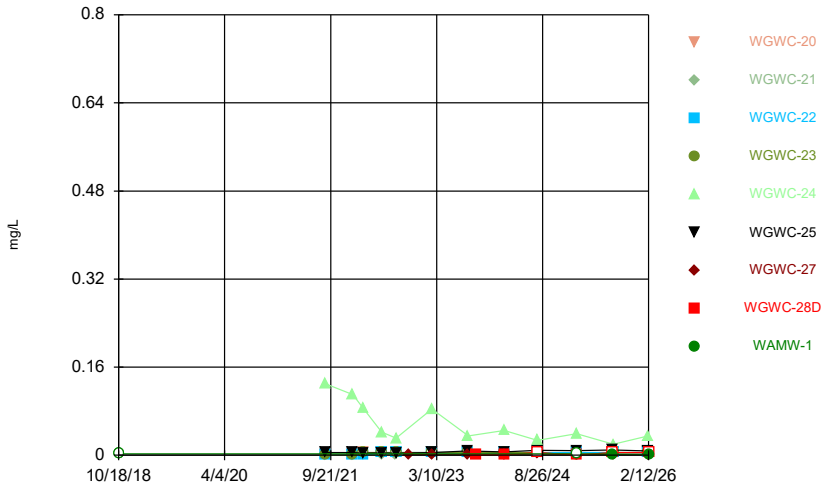
Time Series



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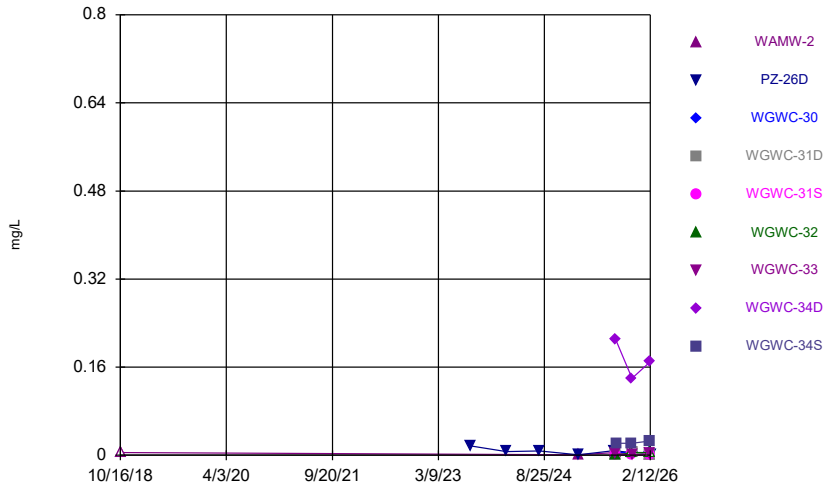

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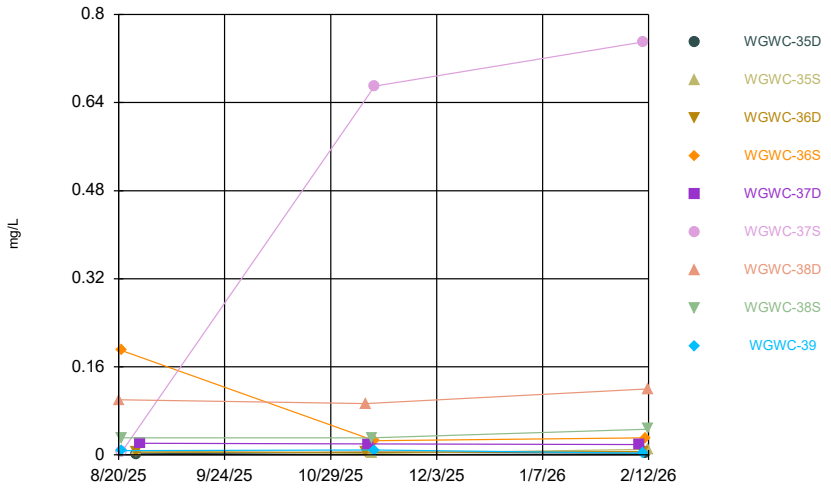

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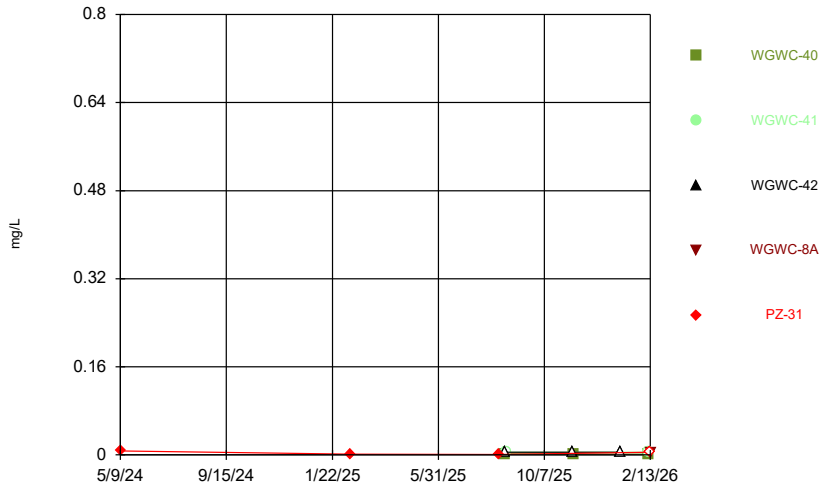

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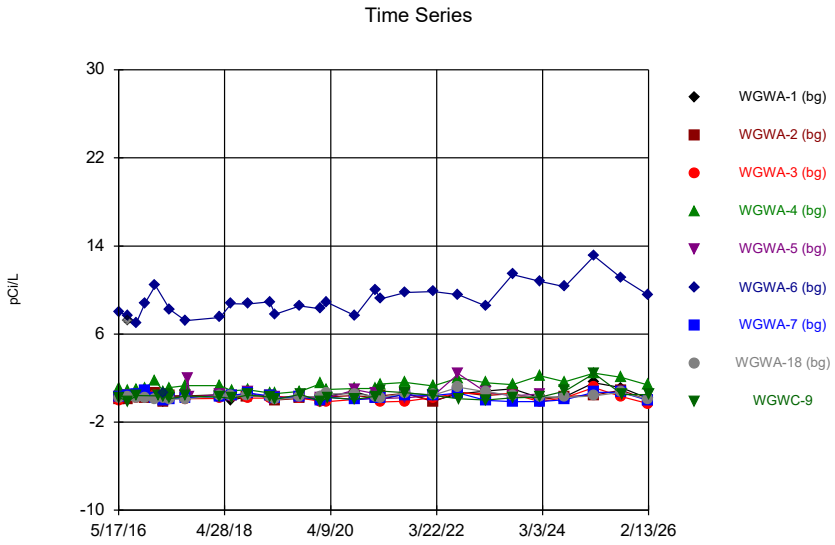

Constituent: Combined Radium 226 + 228 Analysis Run 8/17/2026 12:54 PM
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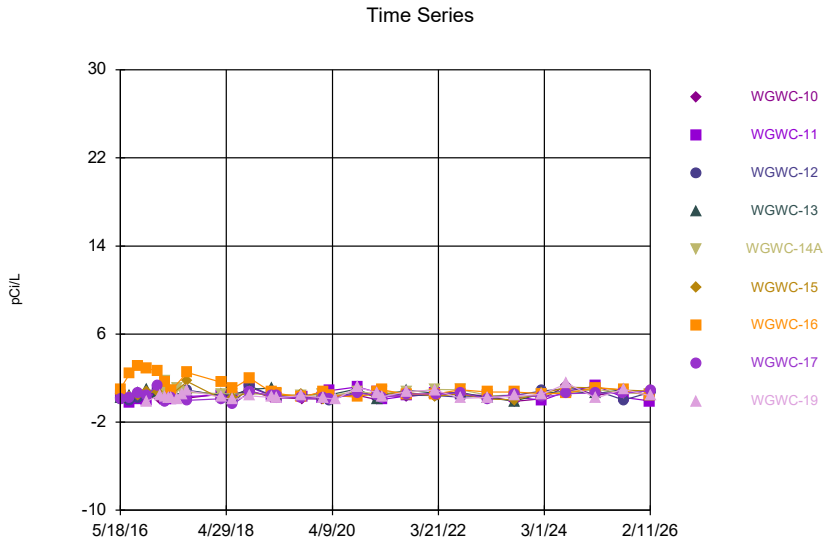
Sanitas™ v.10.1.08 Software licensed to Groundwater Stats Consulting. UG



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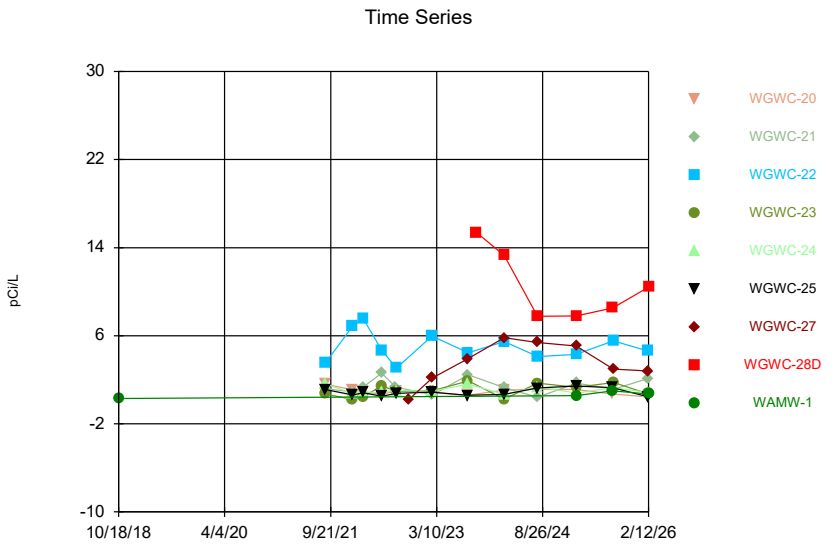

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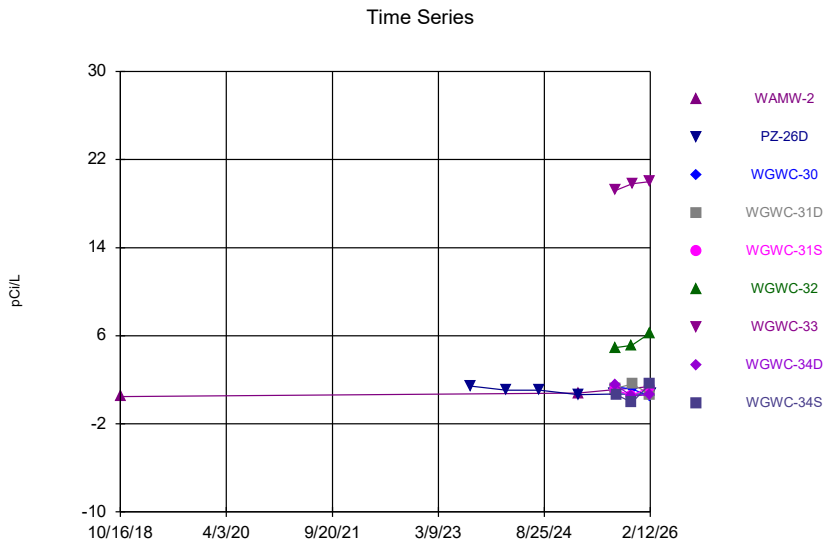

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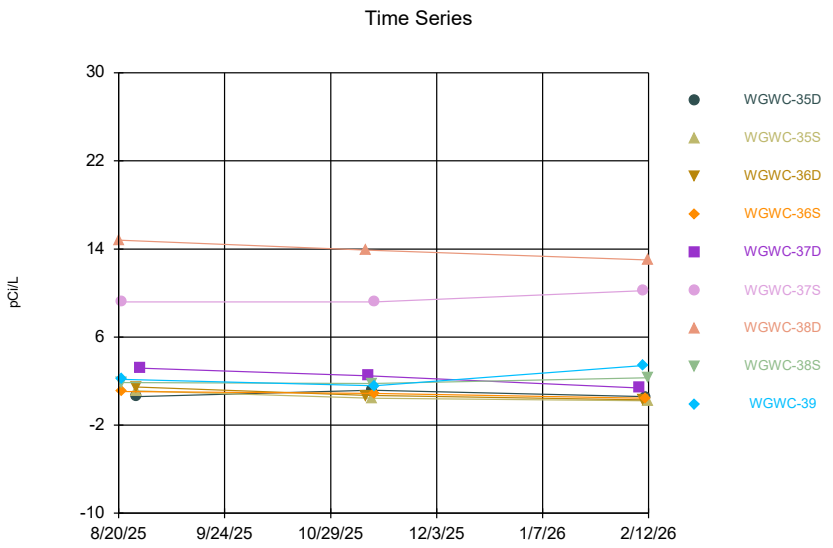

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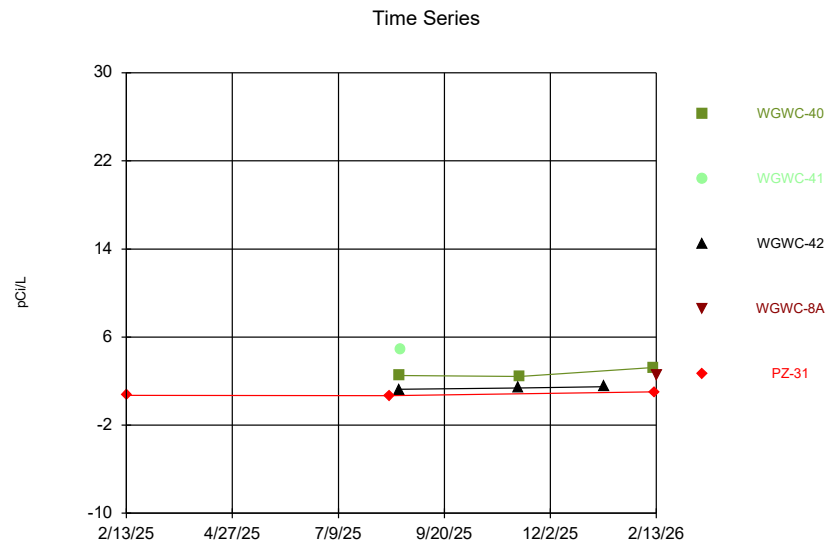

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Sanitas™ v.10.1.08 Software licensed to Groundwater Stats Consulting. UG
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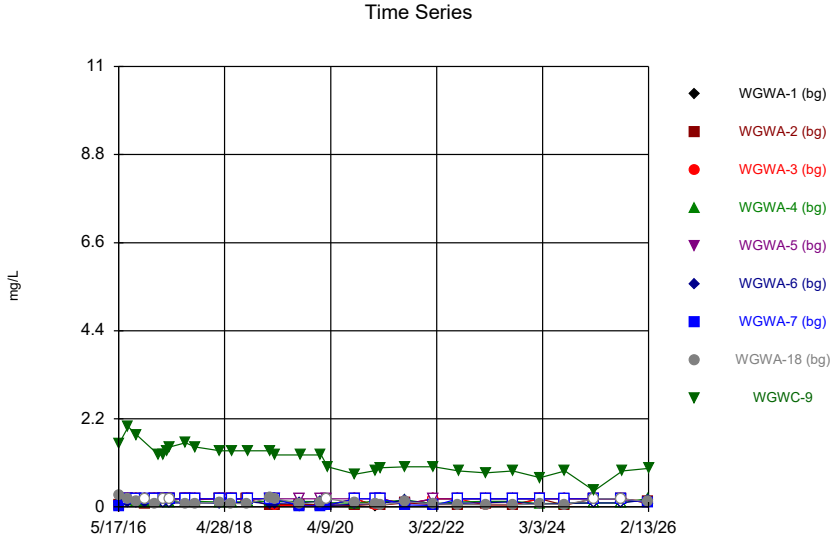

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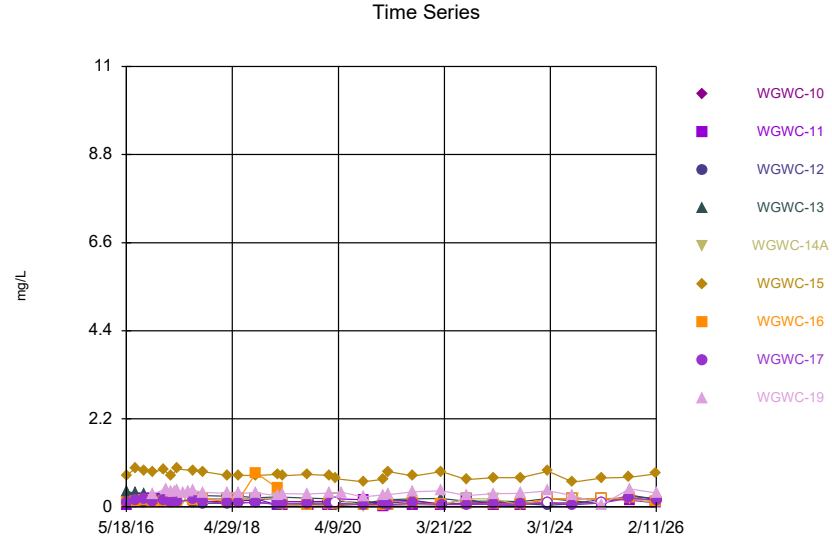

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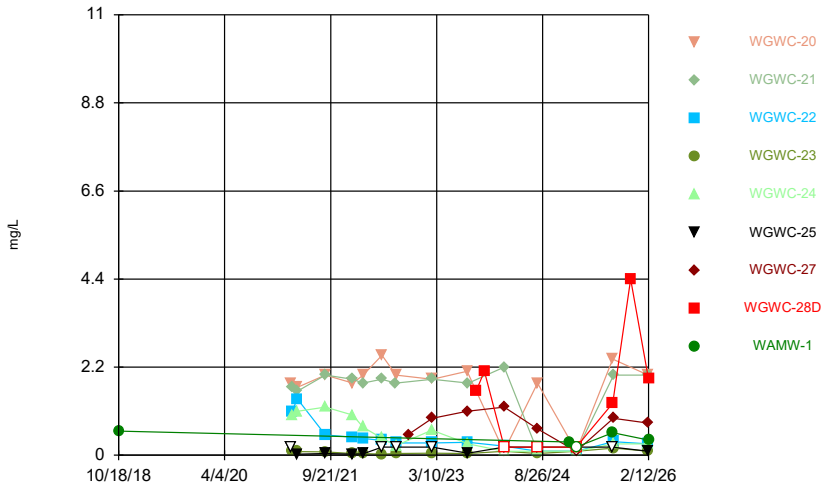
Time Series



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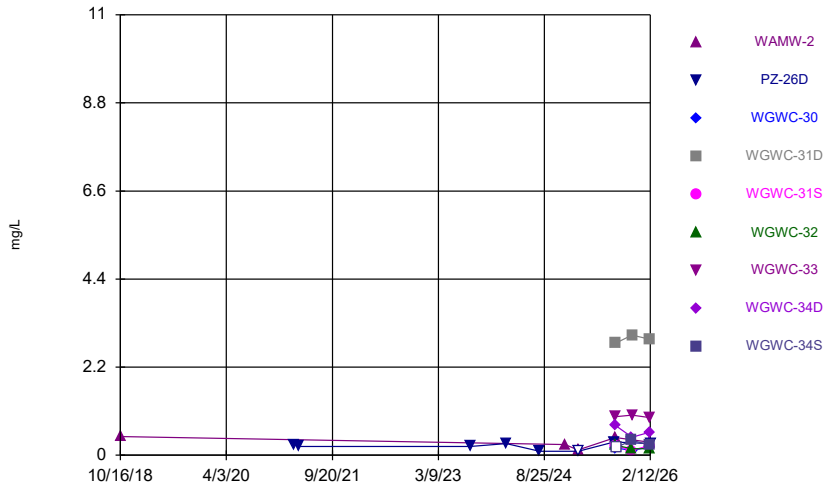
Time Series



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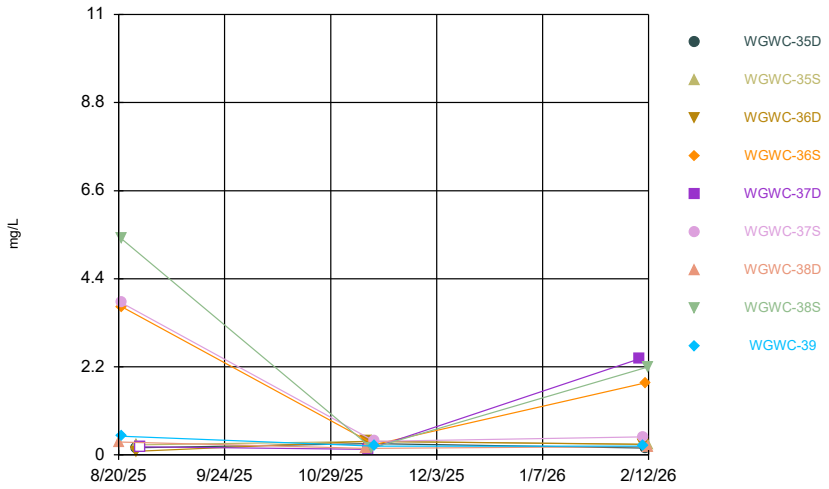

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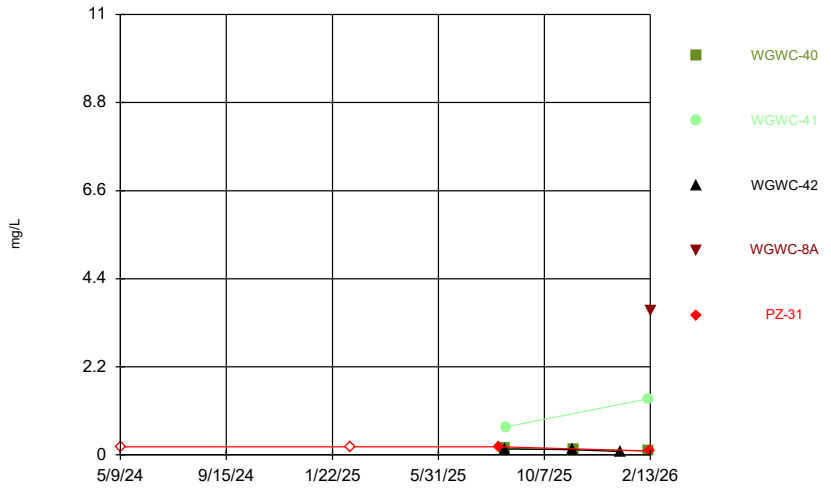

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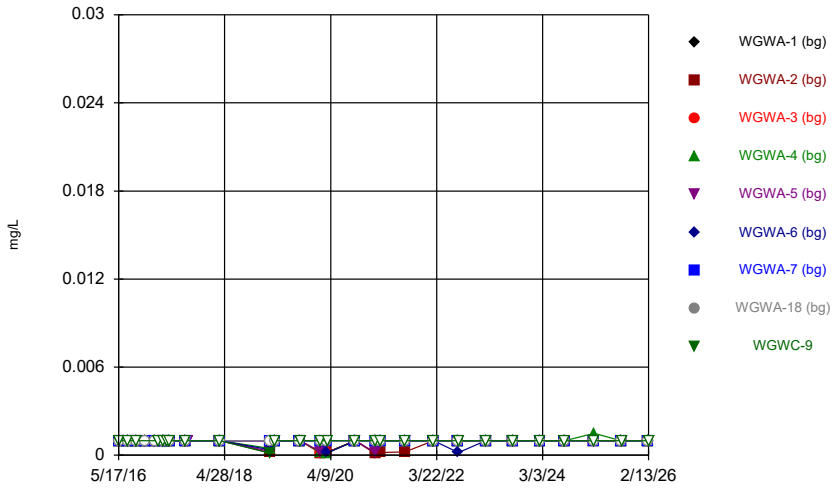

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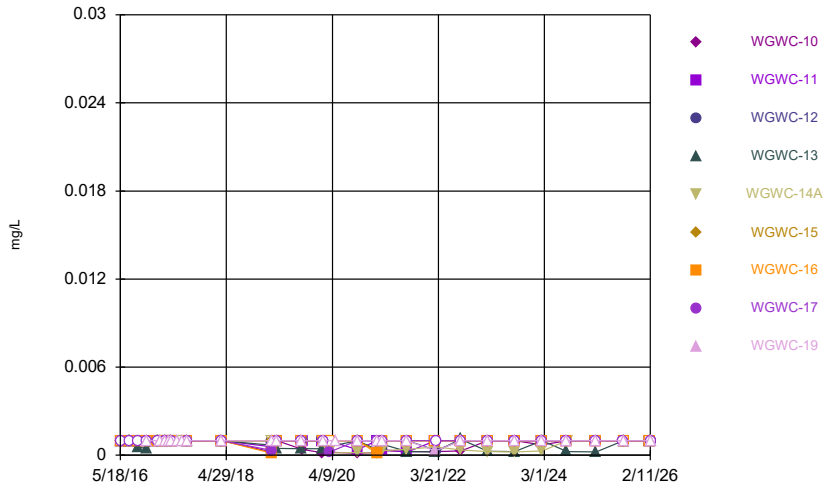
Time Series



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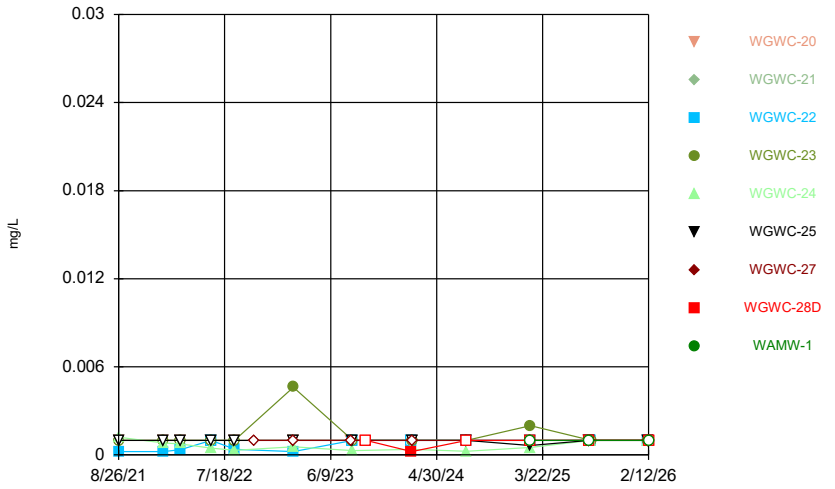

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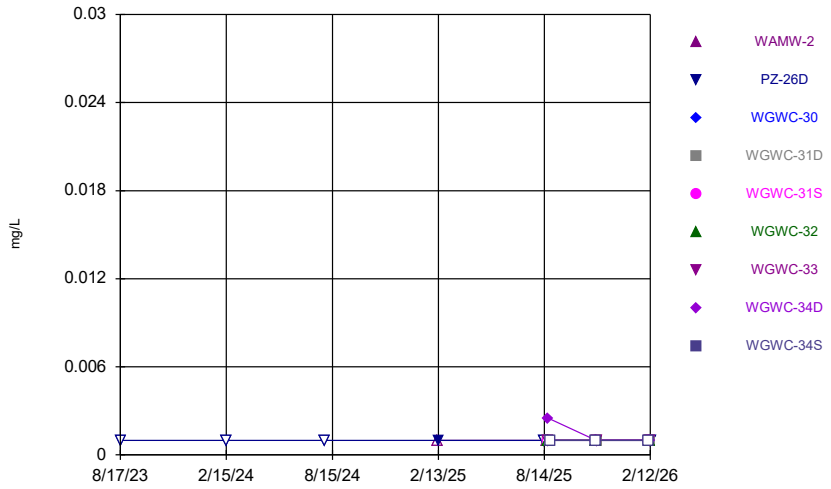

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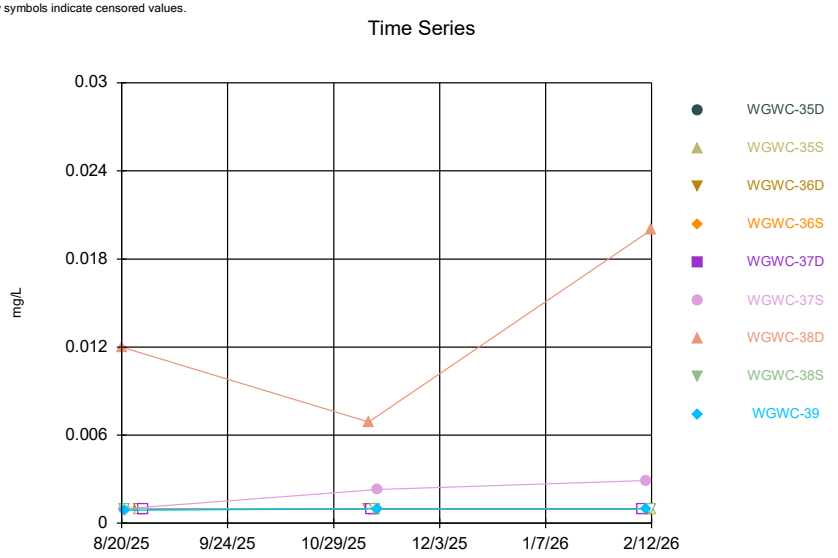

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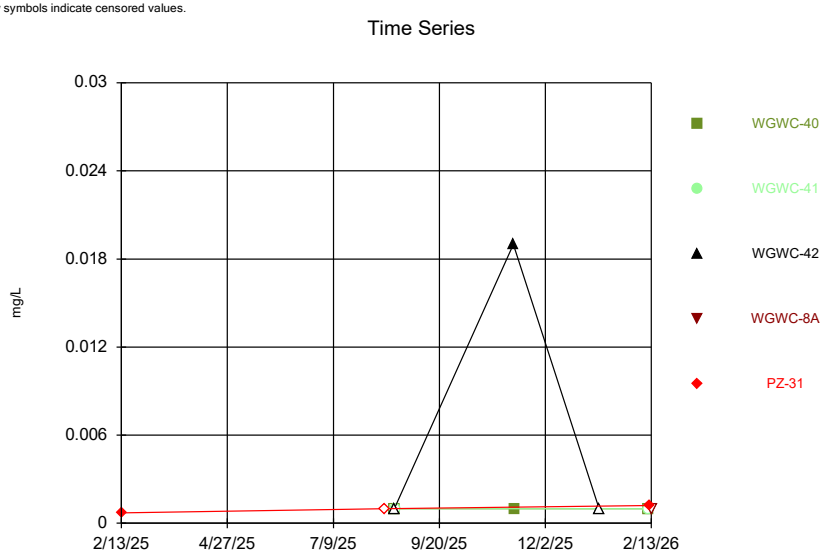

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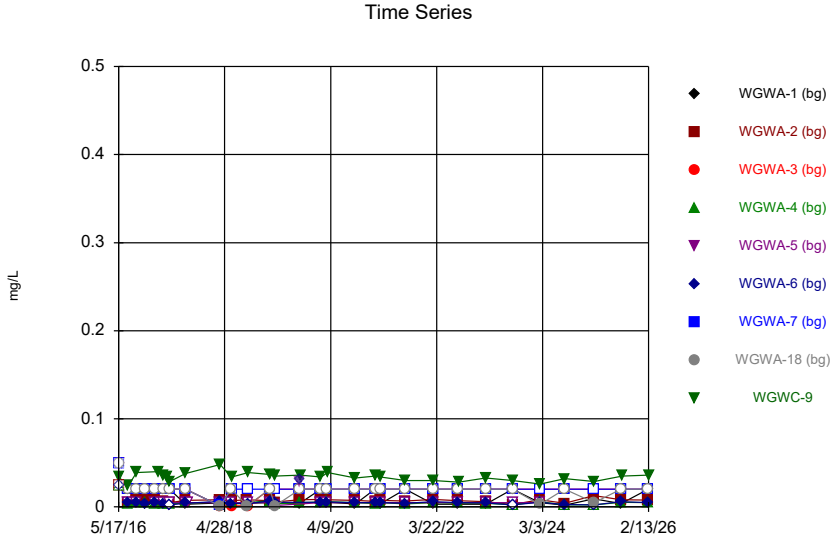

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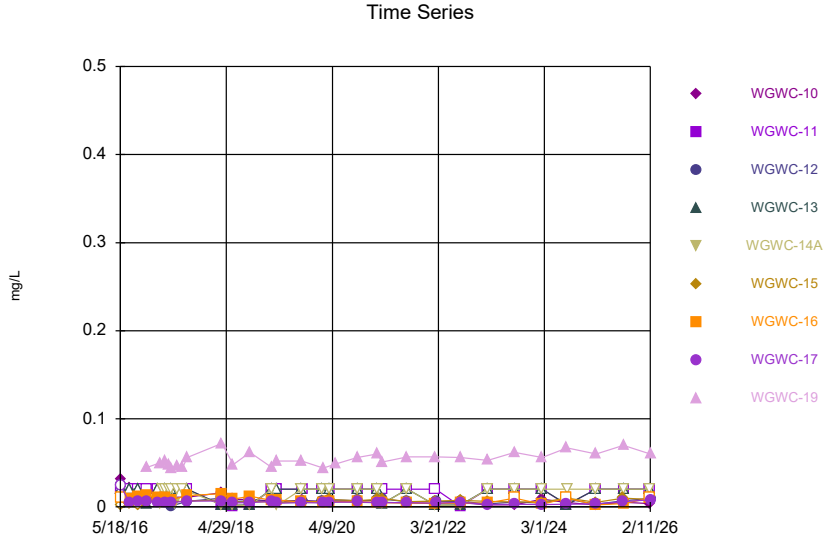

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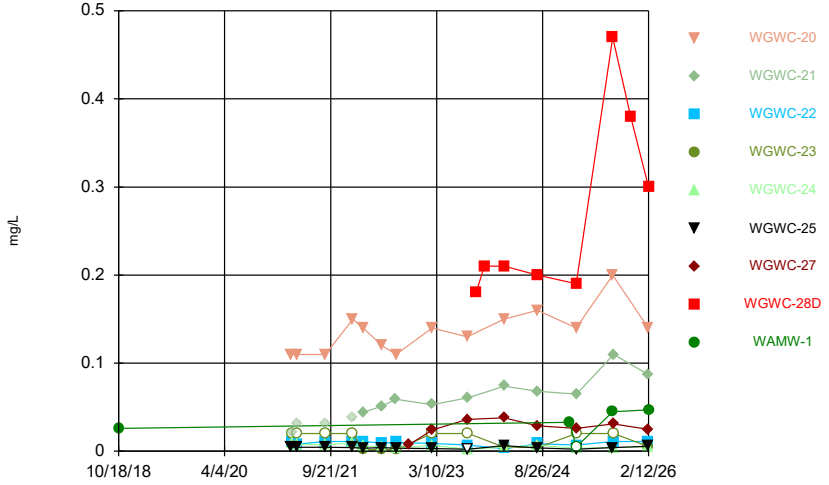
Time Series



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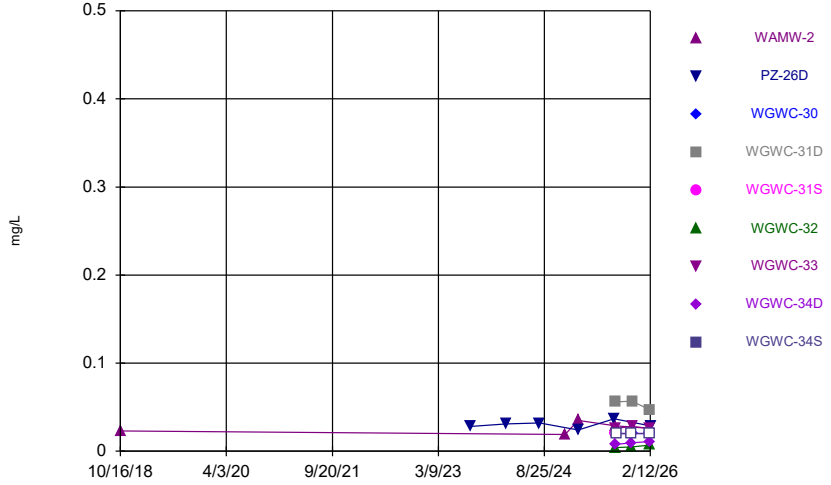

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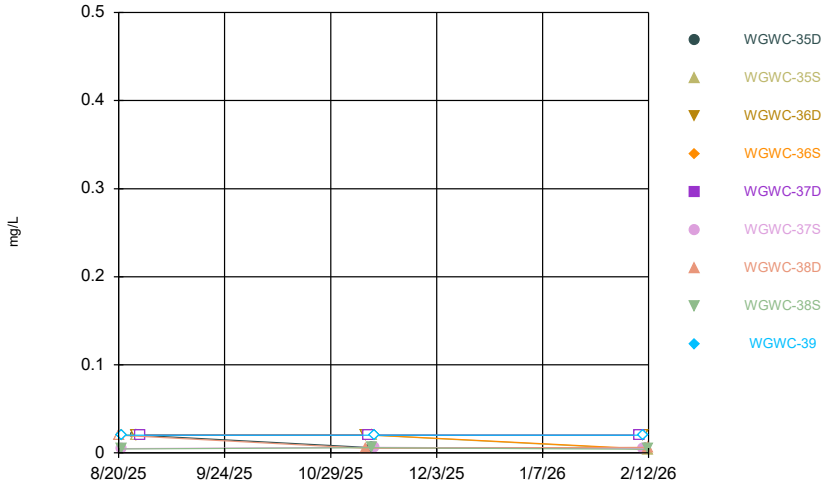

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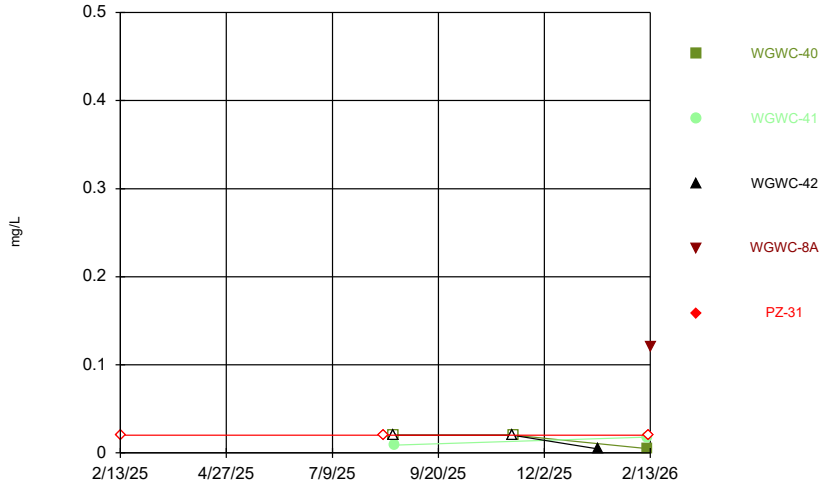

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Plant Wansley Client: Southern Company Data: Wansley AP 1

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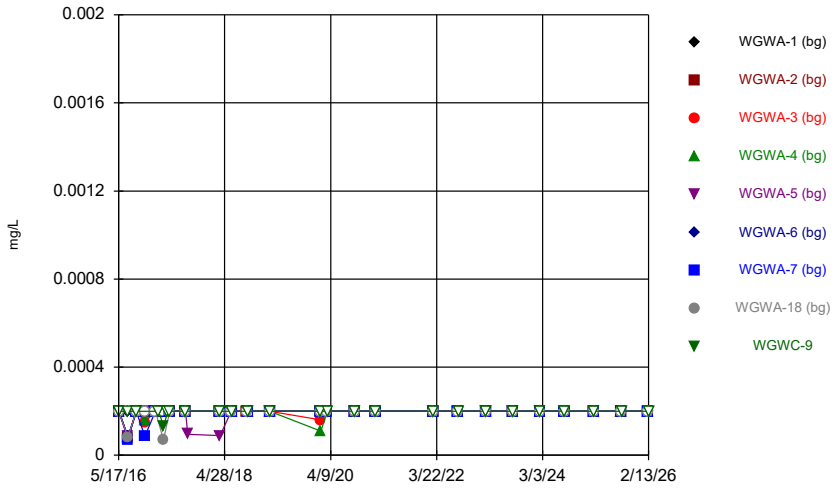
Hollow symbols indicate censored values.

Time Series



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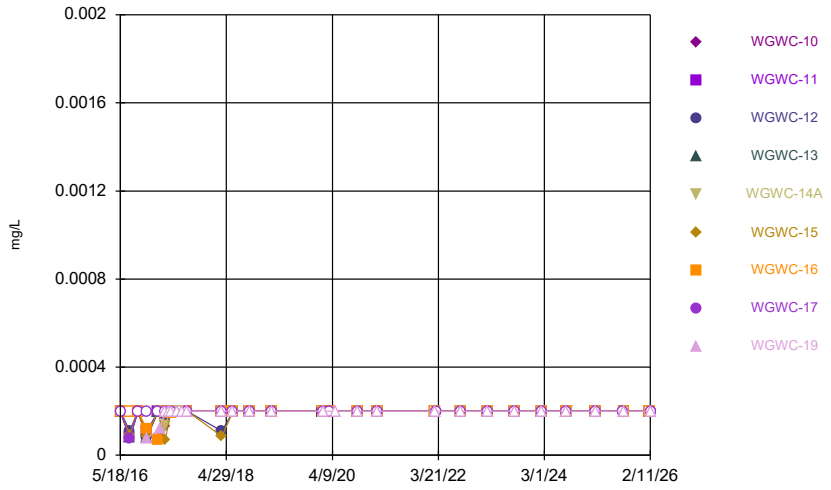

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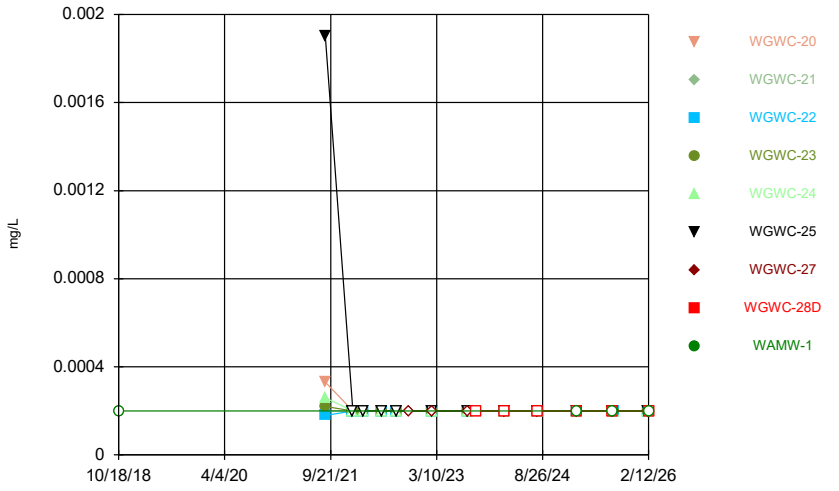

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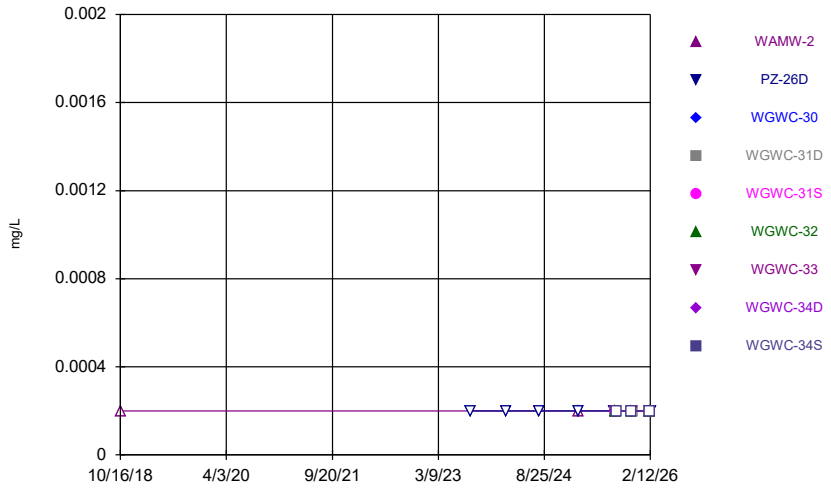

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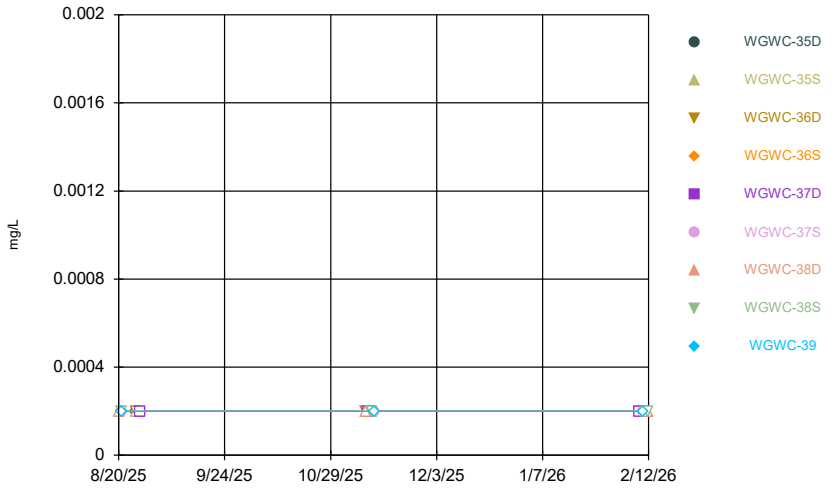
Time Series



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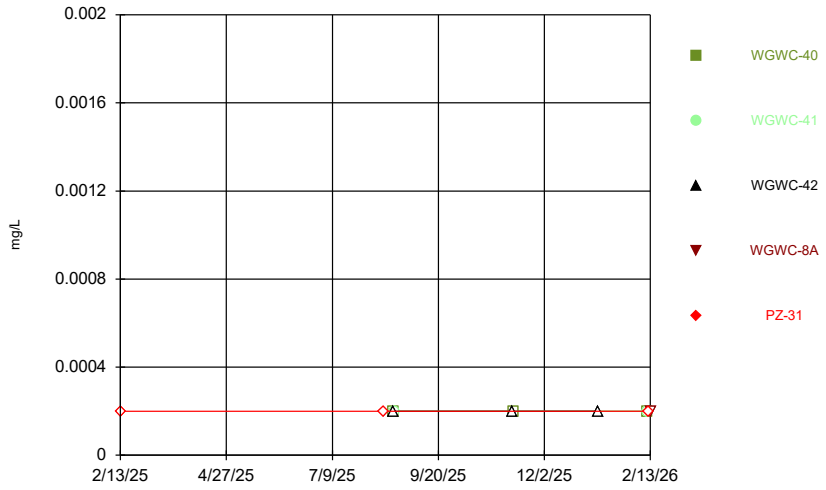

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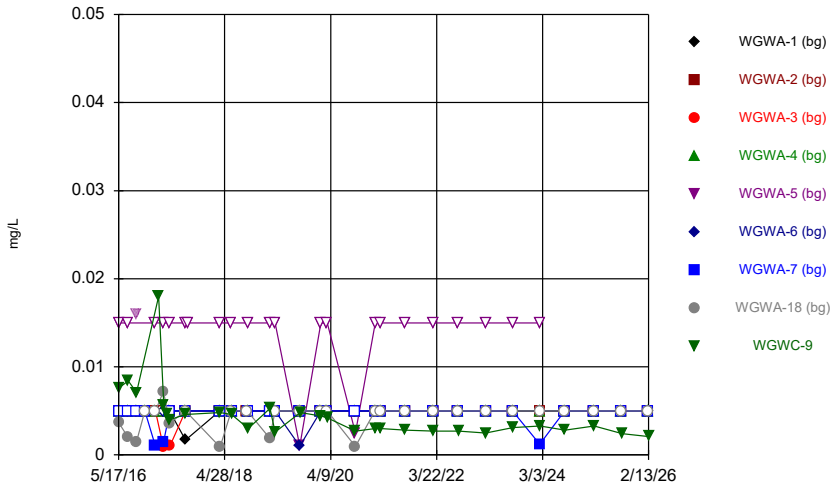

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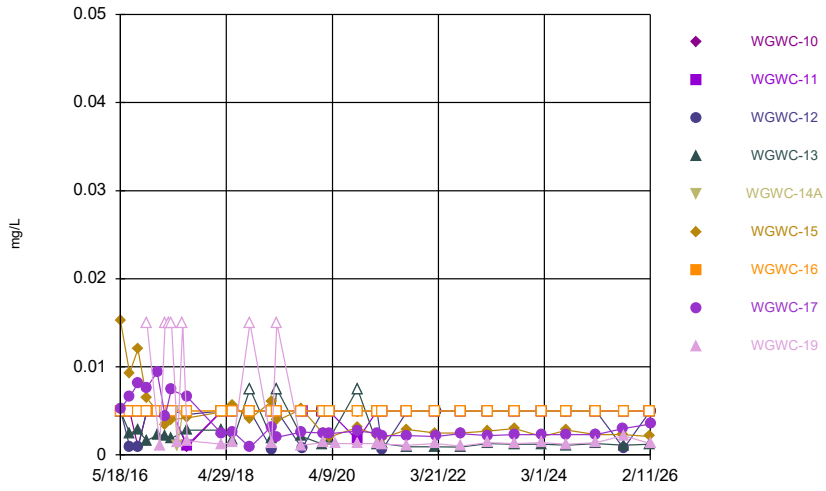
Hollow symbols indicate censored values.

Time Series



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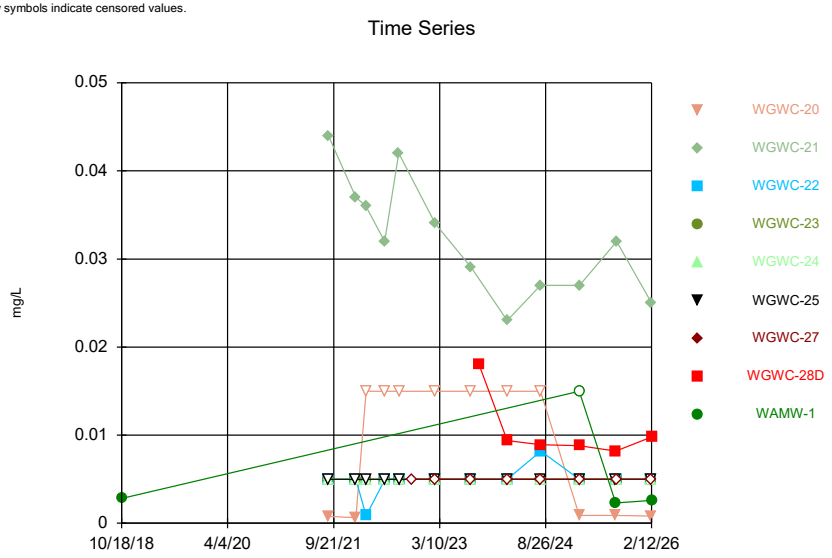

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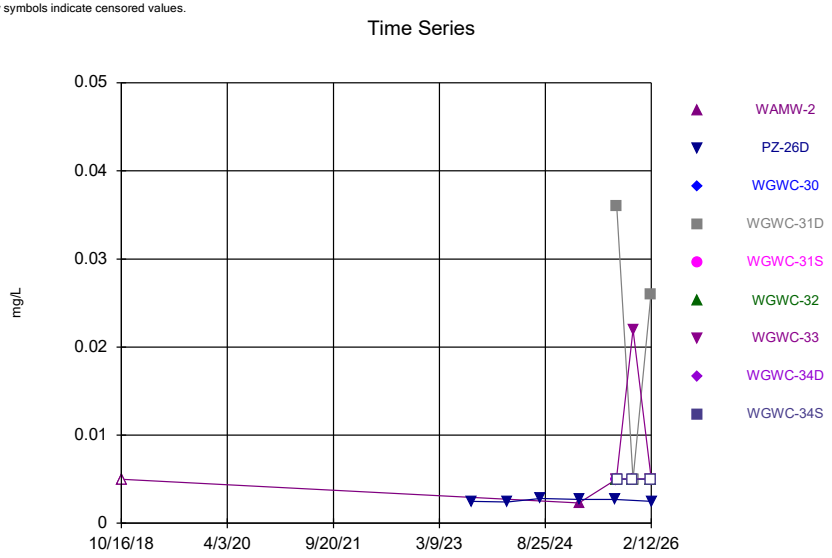

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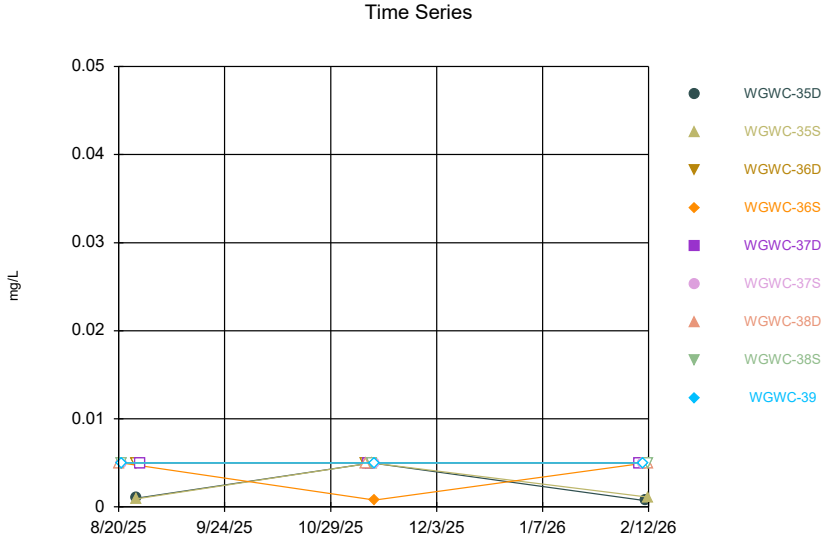

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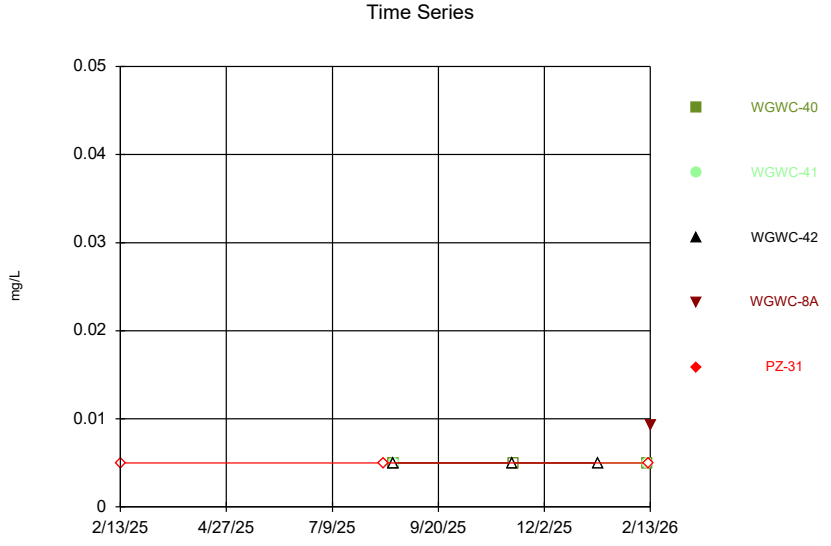

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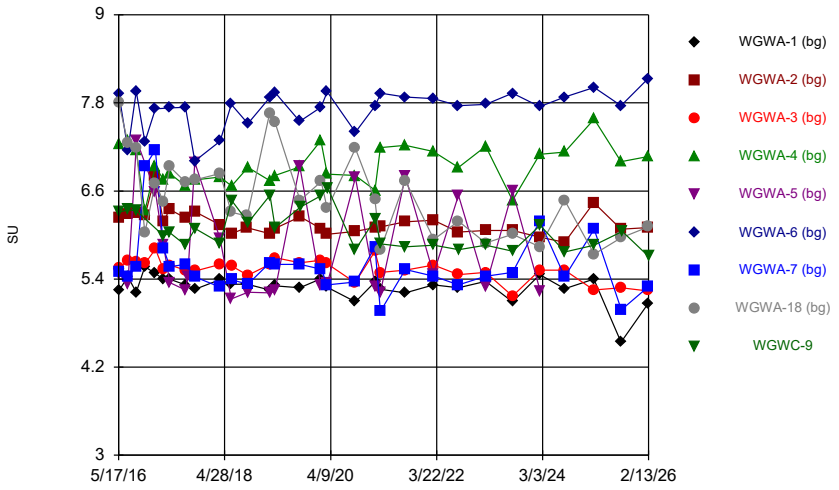
Sanitas™ v.10.1.08 Software licensed to Groundwater Stats Consulting. UG

Time Series



Constituent: pH, Field Analysis Run 8/17/2026 12:55 PM

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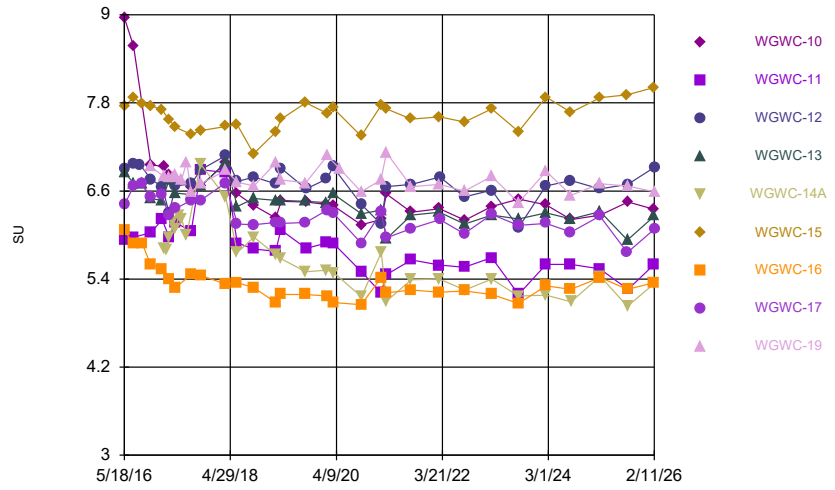
Time Series



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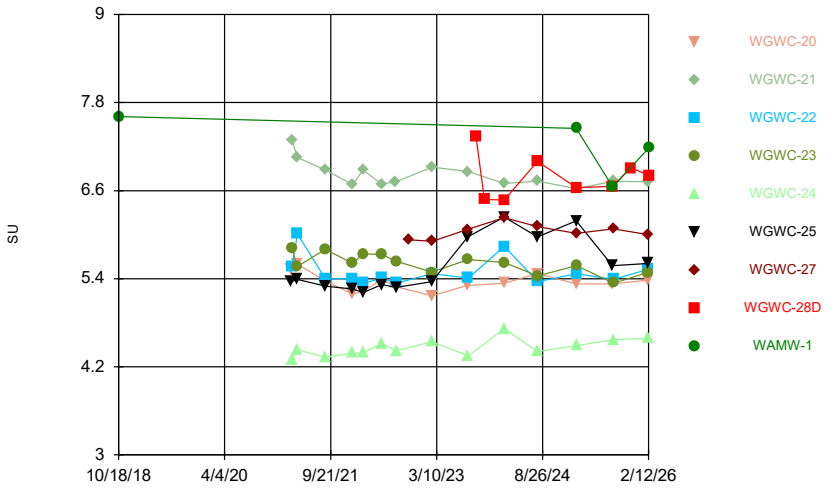

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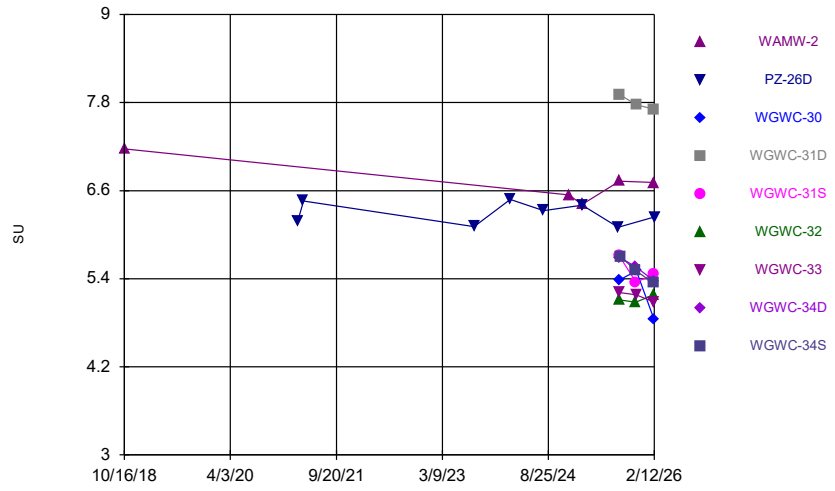
Time Series



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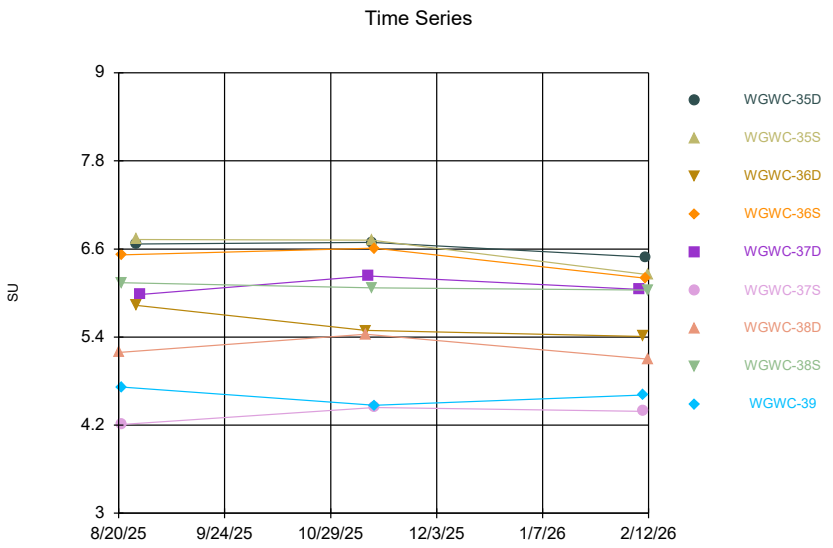

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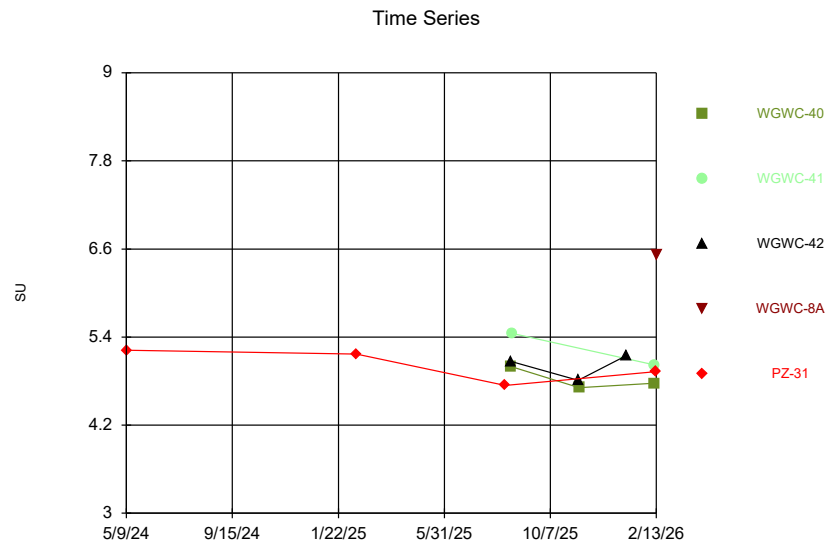

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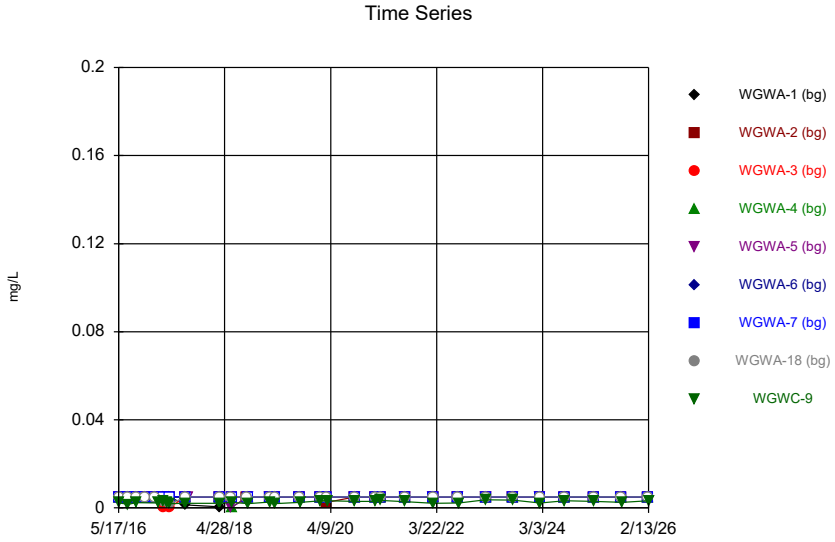

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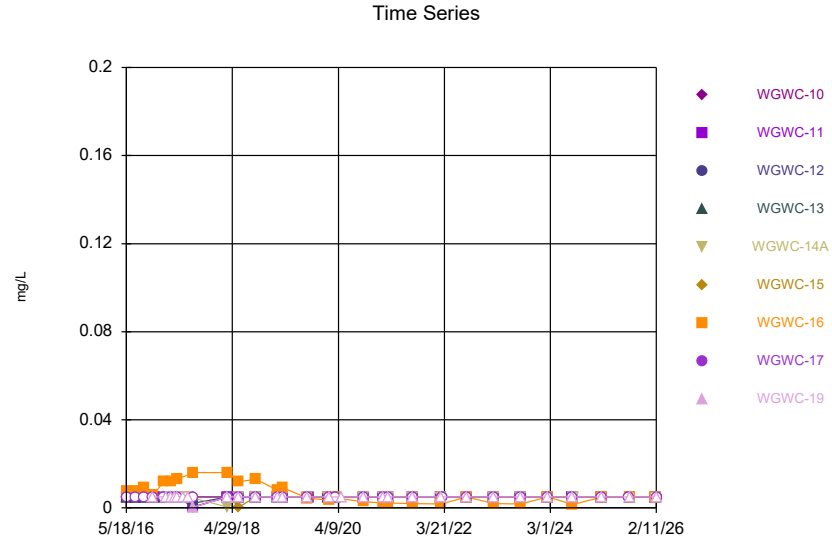

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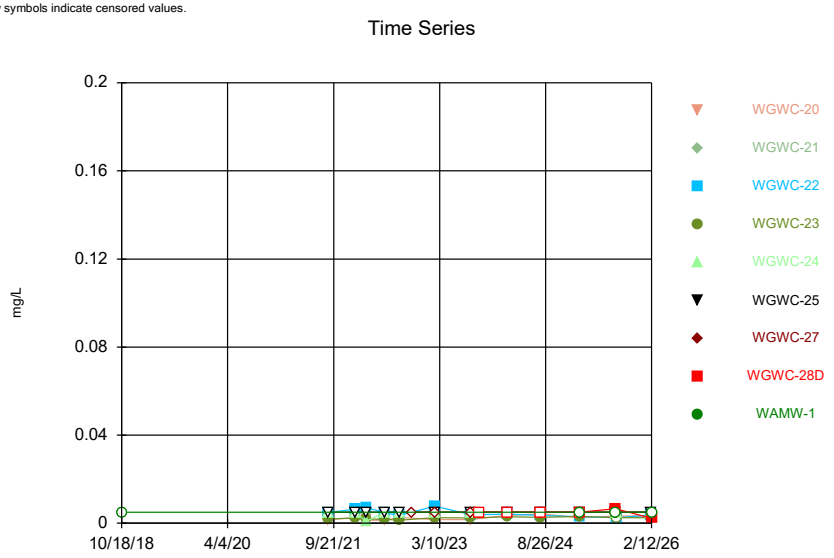

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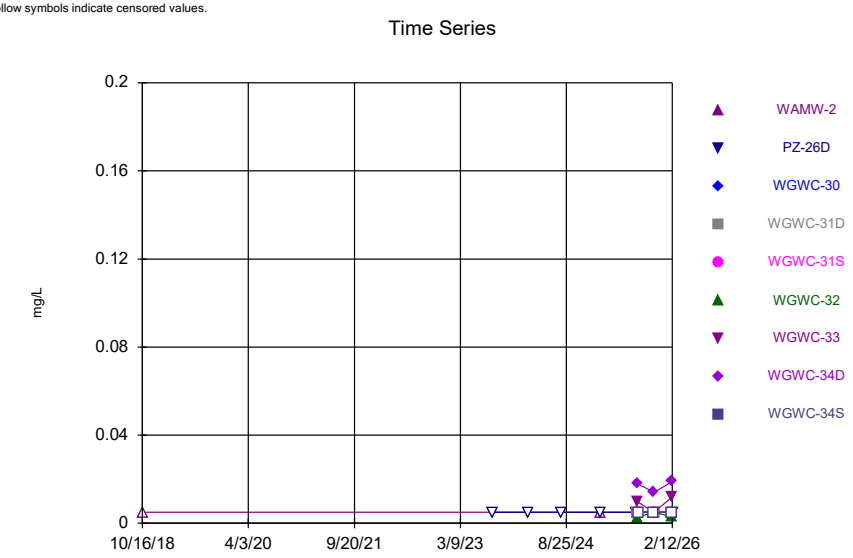

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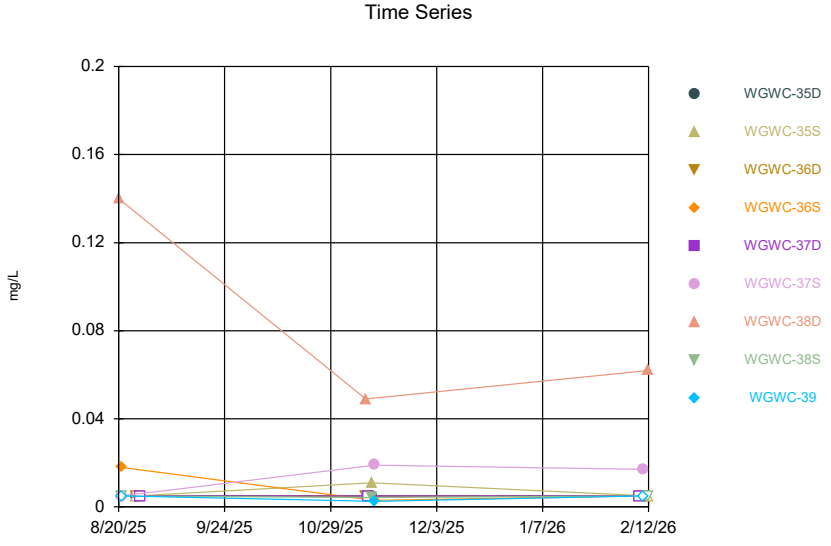

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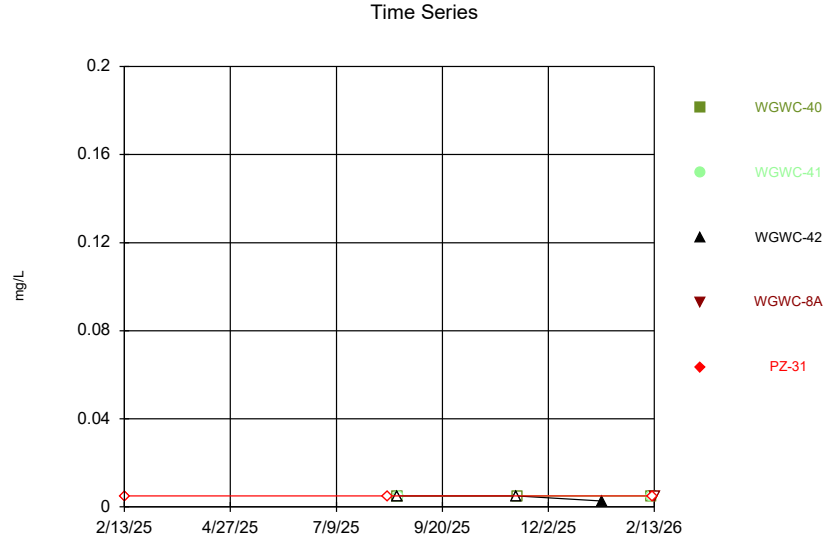

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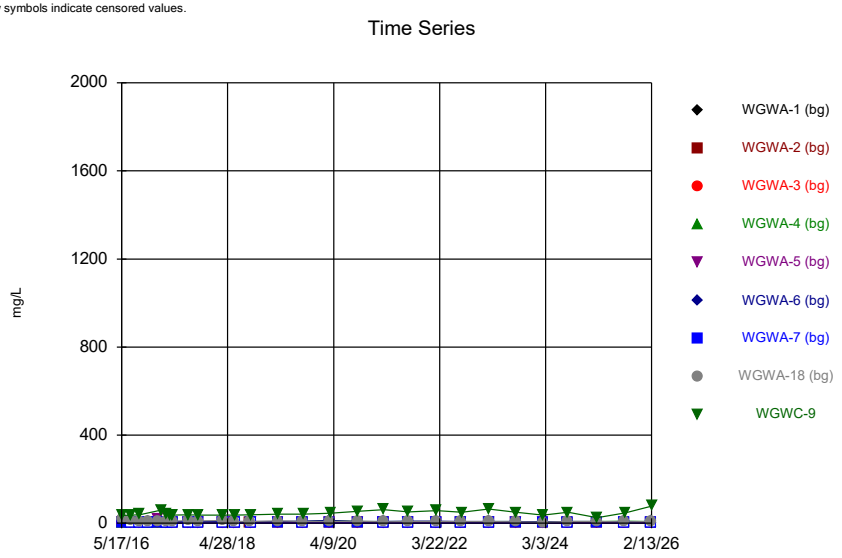

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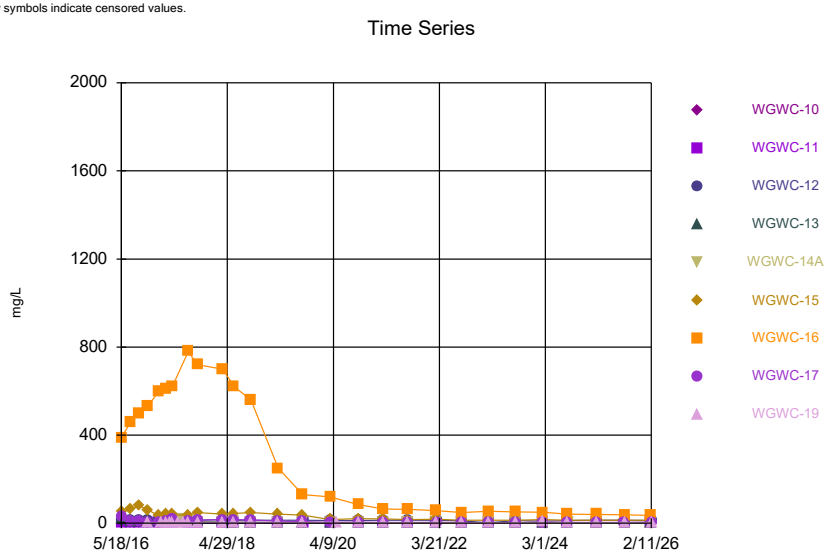

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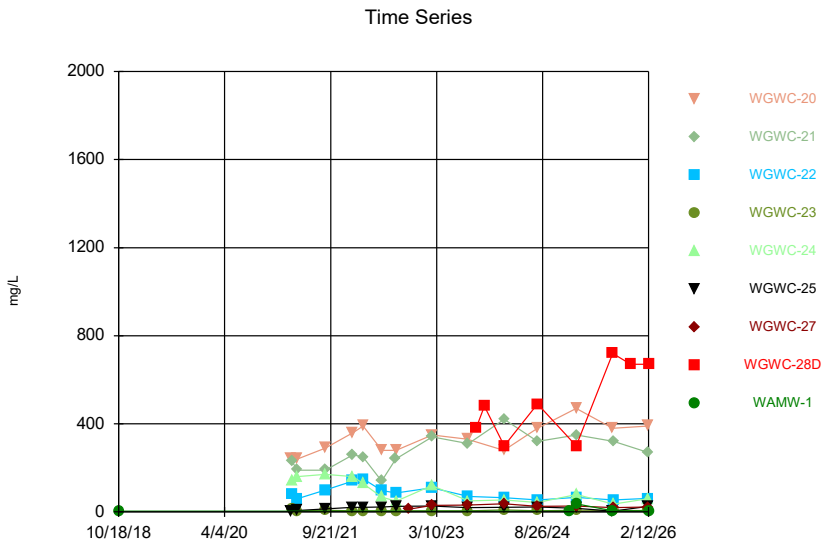

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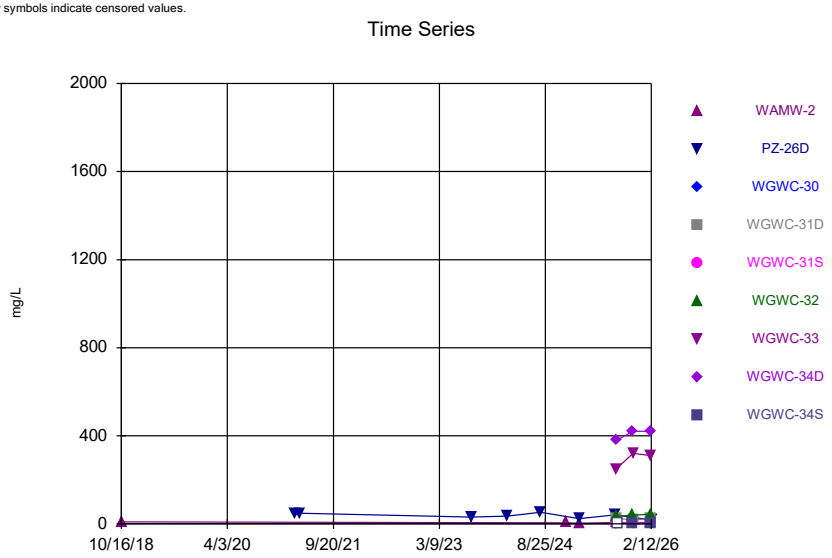

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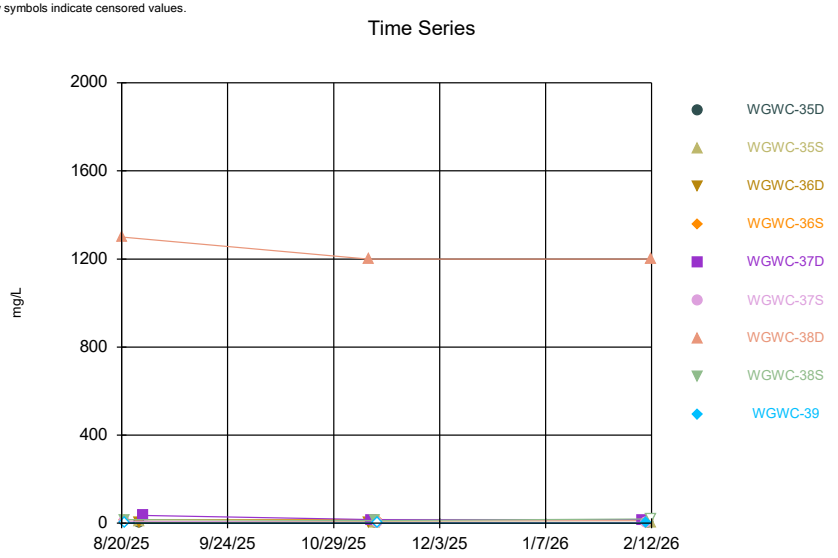

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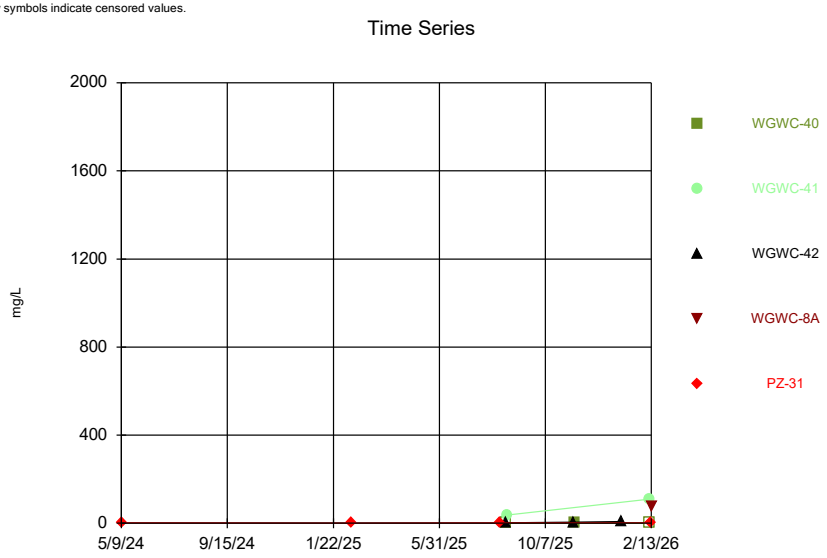

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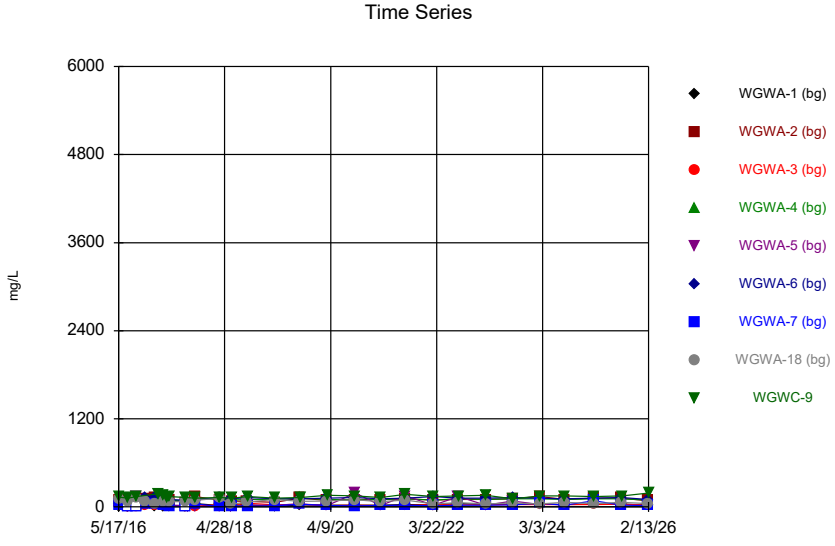

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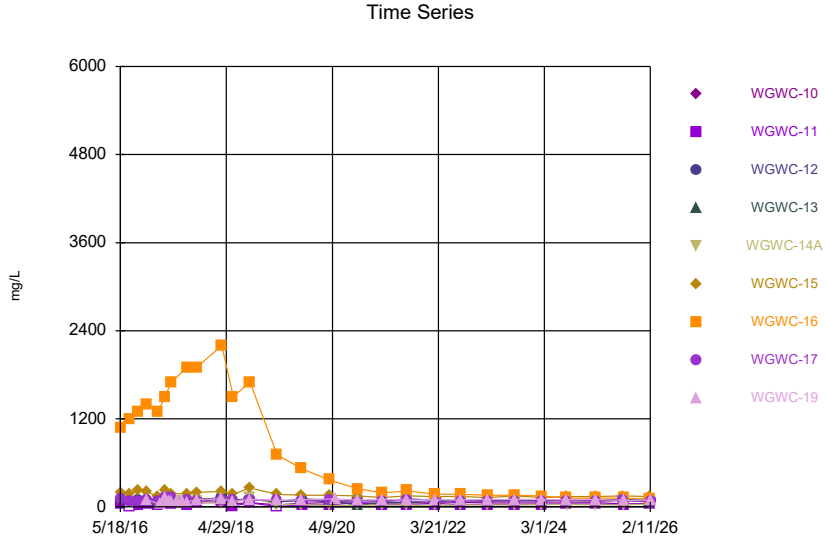

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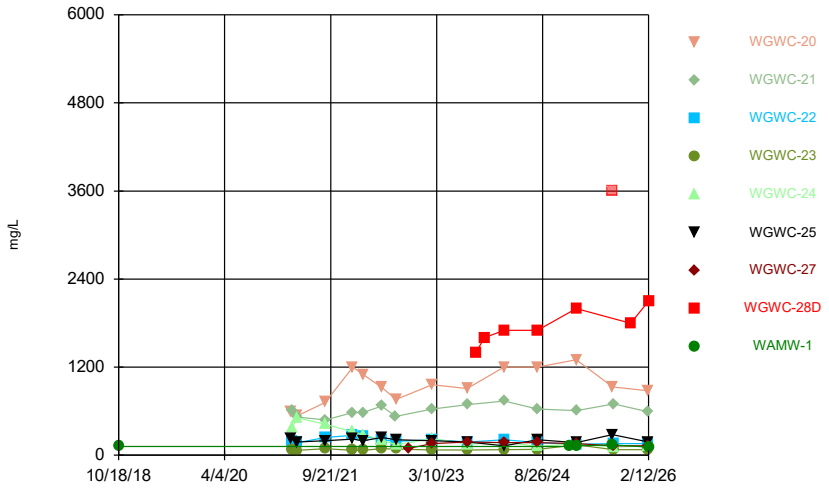
Time Series



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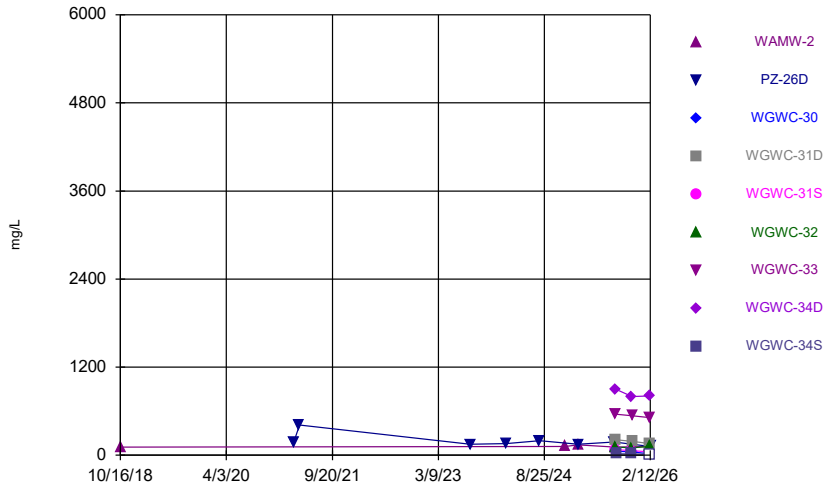

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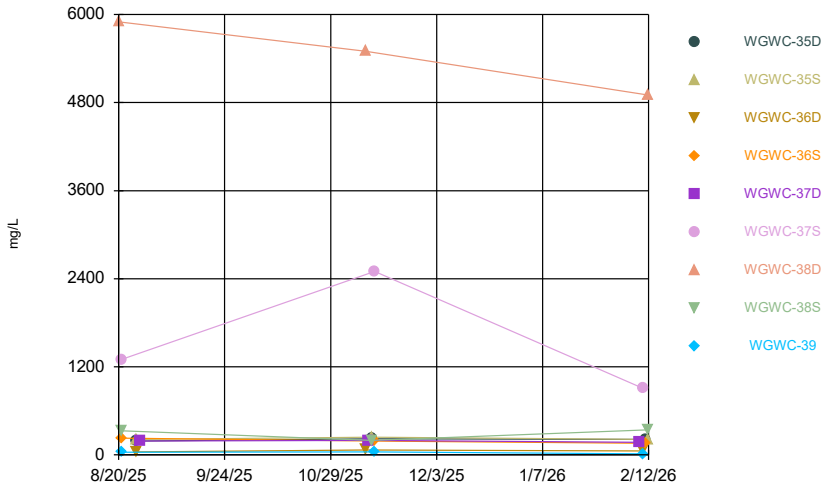
Time Series



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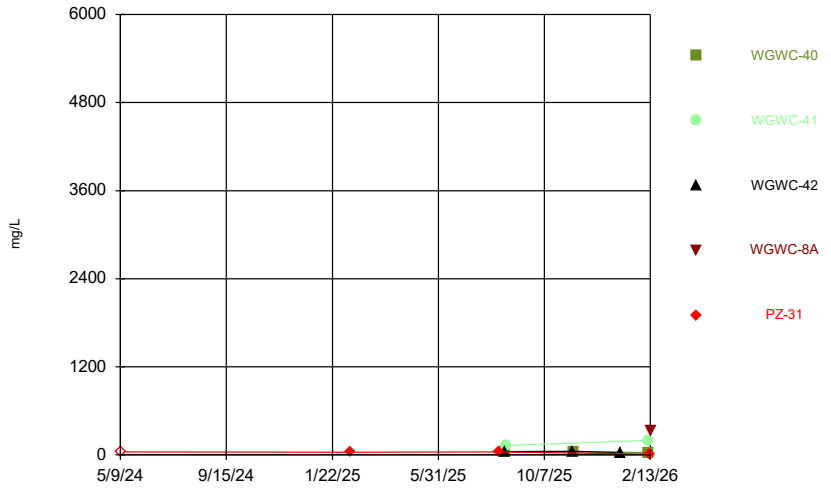

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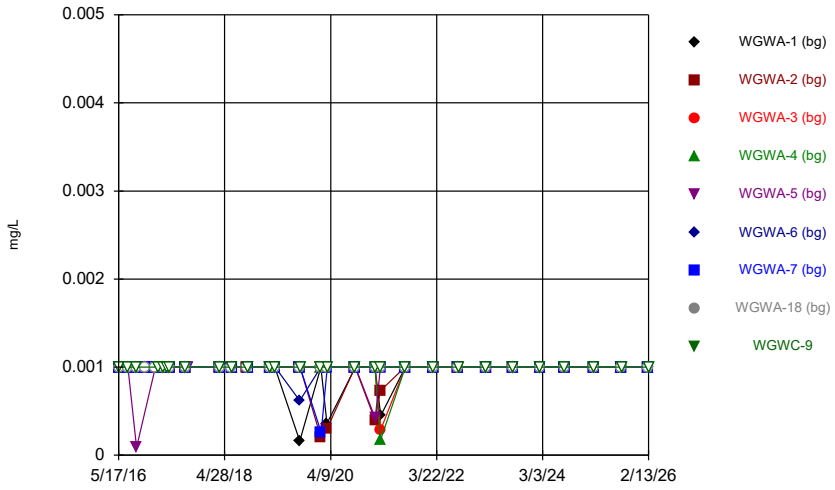

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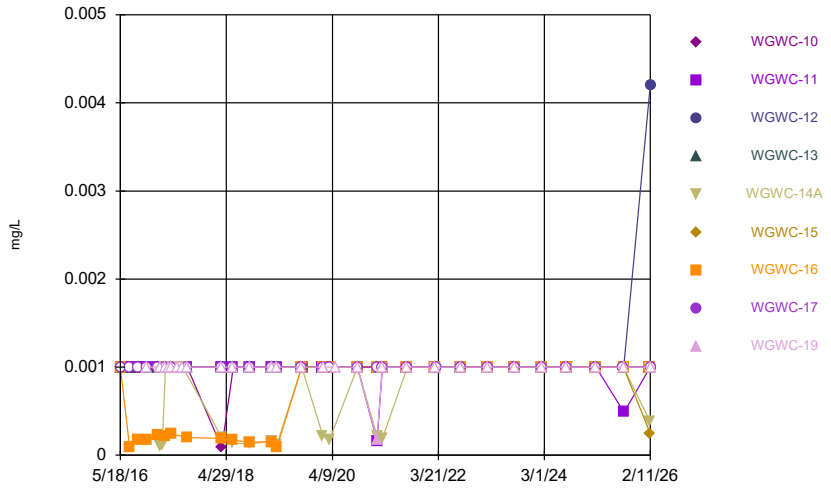

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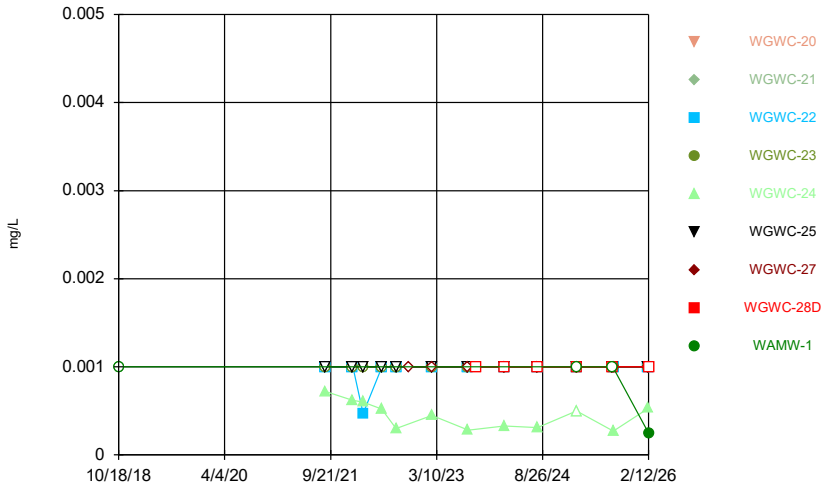

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Plant Wansley Client: Southern Company Data: Wansley AP 1

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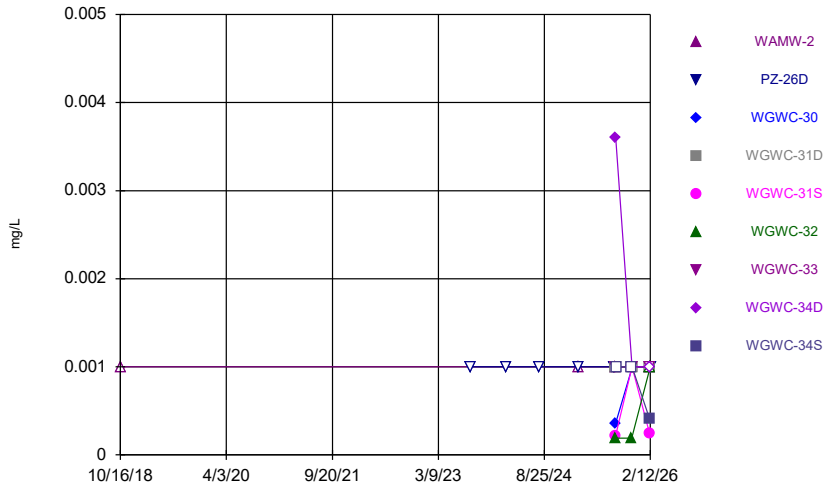
Hollow symbols indicate censored values.

Time Series



Constituent: Thallium Analysis Run 8/17/2026 12:55 PM
Plant Wansley Client: Southern Company Data: Wansley AP 1

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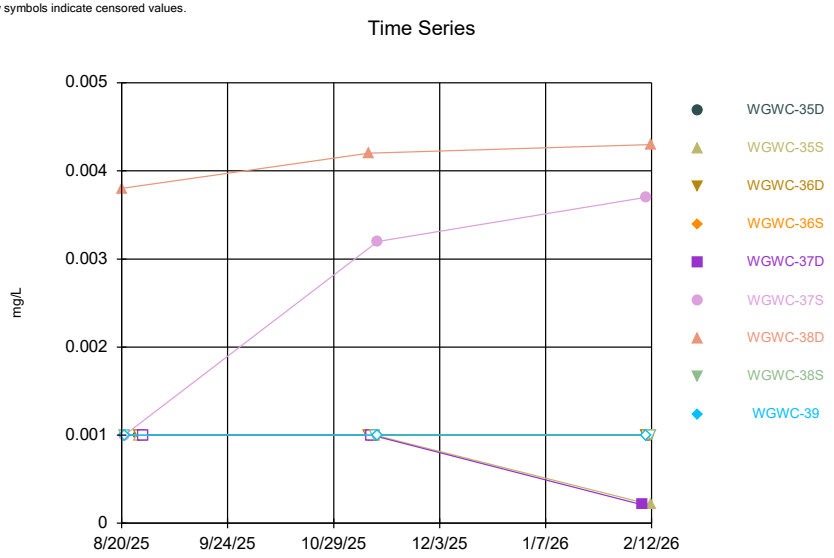
Hollow symbols indicate censored values.



Constituent: Thallium Analysis Run 8/17/2026 12:55 PM
Plant Wansley Client: Southern Company Data: Wansley AP 1

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Hollow symbols indicate censored values.

Constituent: Thallium Analysis Run 8/17/2026 12:55 PM
Plant Wansley Client: Southern Company Data: Wansley AP 1

Time Series

Constituent: Antimony (mg/L) Analysis Run 8/17/2026 12:56 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWA-1 (bg)	WGWA-2 (bg)	WGWA-3 (bg)	WGWA-4 (bg)	WGWA-5 (bg)	WGWA-6 (bg)	WGWA-7 (bg)	WGWA-18 (bg)	WGWC-9
5/17/2016	<0.005	<0.005						<0.005	
5/18/2016			<0.005	<0.005	<0.002	<0.005	<0.005		
5/19/2016									<0.005
7/19/2016	<0.005	<0.005			<0.002	<0.005	<0.005	<0.005	
7/20/2016			<0.005	<0.005					<0.005
9/13/2016	<0.005	<0.005	<0.005	<0.005		<0.005	<0.005	<0.005	
9/14/2016					<0.002				<0.005
11/9/2016	<0.005	<0.005				<0.005		<0.005	
11/10/2016			<0.005	<0.005			<0.005		
1/17/2017	<0.005	<0.005							
1/18/2017			<0.005	<0.005		<0.005	<0.005		
1/19/2017					<0.002			<0.005	
2/9/2017									<0.005
3/13/2017	<0.005	<0.005							
3/14/2017			<0.005	<0.005	<0.002	<0.005	<0.005	<0.005	
3/15/2017									0.0011 (J)
4/11/2017									<0.005
4/24/2017	<0.005	<0.005							
4/25/2017			<0.005	<0.005	<0.002	<0.005	<0.005	<0.005	
4/26/2017									<0.005
8/8/2017	0.0022 (J)	<0.005	<0.005			<0.005	<0.005	<0.005	
8/9/2017				<0.005	<0.002				
8/10/2017									<0.005
8/25/2017					<0.002				
3/27/2018	<0.005	<0.005							
3/28/2018			<0.005	<0.005	<0.002	<0.005	<0.005	<0.005	
3/29/2018									<0.005
2/25/2019	<0.005	<0.005							
2/26/2019			<0.005	<0.005	<0.002	<0.005	<0.005	<0.005	
2/28/2019									<0.005
2/3/2020	<0.005	<0.005							
2/4/2020			<0.005	<0.005	<0.002	<0.005			
2/5/2020							<0.005	<0.005	<0.005
2/2/2021	0.00062 (J)	<0.005	<0.005	<0.005			<0.005	<0.005	
2/3/2021					<0.002	<0.005			
2/4/2021									0.00041 (J)
3/10/2021		<0.005	<0.005	<0.005	<0.002		<0.005	<0.005	
3/11/2021	<0.005					<0.005			
3/12/2021									<0.005
8/23/2021		<0.005							
8/24/2021	<0.005			<0.005	<0.002	<0.005	<0.005		
8/25/2021			<0.005					<0.005	
8/26/2021									<0.005
2/28/2022				<0.005					
3/1/2022	<0.005	<0.005	<0.005		<0.002	<0.005			
3/3/2022							<0.005	<0.005	0.008
8/15/2022	<0.005	<0.005			<0.002	<0.005			
8/16/2022			<0.005	0.00051 (J)			<0.005	<0.005	
8/17/2022									0.0043
2/14/2023	<0.005	<0.005	<0.005		<0.002	<0.005	<0.005	<0.005	
2/15/2023				<0.005					0.00048 (J)
8/14/2023	<0.005	<0.005							

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

Time Series

Constituent: Antimony (mg/L) Analysis Run 8/17/2026 12:56 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWA-1 (bg)	WGWA-2 (bg)	WGWA-3 (bg)	WGWA-4 (bg)	WGWA-5 (bg)	WGWA-6 (bg)	WGWA-7 (bg)	WGWA-18 (bg)	WGWC-9
8/15/2023			<0.005	<0.005	<0.002	<0.005	<0.005	<0.005	
8/16/2023									0.0011 (J)
2/13/2024	<0.005	<0.005	<0.005	<0.005		<0.005	<0.005	<0.005	
2/14/2024									0.0063
2/16/2024					<0.002				
7/30/2024	<0.005	<0.005	<0.005	<0.005		<0.005	<0.005	<0.005	
8/1/2024									0.001 (J)
2/10/2025	<0.005	<0.005	<0.005						
2/11/2025				<0.005		<0.005	<0.005	<0.005	0.0079
8/12/2025	<0.005	<0.005	<0.005	<0.005		<0.005		<0.005	
8/13/2025							<0.005		
8/19/2025									<0.005
2/9/2026		<0.005	<0.005	<0.005		<0.005	<0.005		
2/10/2026	<0.005							<0.005	
2/13/2026									<0.005

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

Time Series

Constituent: Antimony (mg/L) Analysis Run 8/17/2026 12:56 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-10	WGWC-11	WGWC-12	WGWC-13	WGWC-14A	WGWC-15	WGWC-16	WGWC-17	WGWC-19
5/18/2016	<0.005					<0.005	<0.005	<0.005	
5/19/2016		<0.005	<0.005	<0.005					
7/19/2016						<0.005	<0.005		
7/20/2016	<0.005	<0.005	<0.005	<0.005				<0.005	
9/14/2016	<0.005	<0.005	<0.005	<0.005		<0.005	<0.005	<0.005	
11/10/2016				<0.005		<0.005	<0.005	<0.005	
11/11/2016	<0.005	<0.005	<0.005						<0.005
1/20/2017								<0.005	
1/24/2017						<0.005	<0.005		
1/27/2017		<0.005	<0.005	<0.005					
2/6/2017	<0.005								<0.005
2/8/2017					<0.005				
2/23/2017					<0.005				
3/14/2017						<0.005		<0.005	
3/15/2017	<0.005	<0.005	<0.005	<0.005			<0.005		<0.005
3/17/2017					<0.005				
4/11/2017					<0.005				<0.005
4/25/2017						<0.005	<0.005	<0.005	
4/26/2017	<0.005	<0.005	<0.005	<0.005	<0.005				<0.005
5/17/2017					<0.005				
6/7/2017					<0.005				<0.005
7/11/2017					<0.005				<0.005
8/9/2017				<0.005		<0.005	<0.005	<0.005	
8/10/2017	<0.005	<0.005	0.0023 (J)						<0.005
3/29/2018		<0.005	<0.005	<0.005	<0.005		<0.005		<0.005
3/30/2018	<0.005					<0.005		<0.005	
2/26/2019								<0.005	
2/27/2019	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005		
2/28/2019									<0.005
2/5/2020	<0.005	<0.005	<0.005	<0.005	<0.005				
2/7/2020						<0.005	<0.005	<0.005	<0.005
2/3/2021		<0.005	<0.005						<0.005
2/4/2021	<0.005			<0.005	<0.005	<0.005	<0.005	<0.005	
3/11/2021	<0.005			<0.005	<0.005		<0.005	<0.005	<0.005
3/12/2021		<0.005	<0.005			<0.005			
8/25/2021		<0.005	<0.005	<0.005	<0.005		<0.005	<0.005	
8/26/2021	<0.005					<0.005			<0.005
3/3/2022	<0.005	<0.005		<0.005	<0.005	<0.005	<0.005		<0.005
3/4/2022			<0.005					<0.005	
8/16/2022		0.00053 (J)						<0.005	
8/17/2022						<0.005	<0.005		0.00058 (J)
8/18/2022			<0.005	<0.005					
8/19/2022	<0.005				<0.005				
2/15/2023						<0.005	<0.005		
2/16/2023	<0.005	<0.005	<0.005	<0.005	<0.005			<0.005	<0.005
8/15/2023							<0.005		
8/16/2023		<0.005	<0.005	<0.005	<0.005	<0.005		<0.005	<0.005
8/17/2023	<0.005								
2/14/2024			<0.005						
2/15/2024	<0.005			<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
2/16/2024		<0.005							
7/30/2024							<0.005		

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

Time Series

Constituent: Antimony (mg/L) Analysis Run 8/17/2026 12:56 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-10	WGWC-11	WGWC-12	WGWC-13	WGWC-14A	WGWC-15	WGWC-16	WGWC-17	WGWC-19
7/31/2024	<0.005	<0.005	<0.005	<0.005		<0.005		<0.005	<0.005
8/2/2024					<0.005				
2/11/2025		<0.005	<0.005					<0.005	
2/12/2025				<0.005	<0.005		<0.005		
2/13/2025	<0.005					<0.005			<0.005
8/13/2025						<0.005		<0.005	
8/14/2025				<0.005	<0.005		<0.005		<0.005
8/15/2025			<0.005						
8/18/2025		<0.005							
8/19/2025	<0.005								
2/10/2026	<0.005	<0.005		<0.005	<0.005	<0.005	<0.005		
2/11/2026			<0.005					<0.005	<0.005

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

Time Series

Constituent: Antimony (mg/L) Analysis Run 8/17/2026 12:56 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-20	WGWC-21	WGWC-22	WGWC-23	WGWC-24	WGWC-25	WGWC-27	WGWC-28D	WAMW-1
8/26/2021	<0.005	0.00076 (J)	<0.005	<0.005	<0.005	<0.005			
1/11/2022		<0.005	0.00078 (J)	0.0012 (J)	<0.005	<0.005			
1/12/2022	0.00066 (J)								
3/3/2022		0.00053 (J)			<0.005				
3/4/2022	0.0011 (J)		0.00082 (J)	0.0018 (J)		<0.005			
6/6/2022		<0.005		0.0013 (J)	<0.005				
6/7/2022	<0.005		0.00054 (J)			<0.005			
8/16/2022		0.00055 (J)							
8/17/2022				<0.005		<0.005			
8/18/2022	<0.005				<0.005				
8/19/2022			<0.005						
10/19/2022							<0.005		
2/15/2023			0.0012 (J)	0.0022	<0.005	<0.005			
2/16/2023	<0.005	<0.005					0.00047 (J)		
8/11/2023	0.00069 (J)						0.0015 (J)		
8/15/2023						<0.005			
8/17/2023		<0.005	<0.005	<0.005	<0.005				
9/26/2023								0.00057 (J)	
2/13/2024	0.00044 (J)								
2/14/2024			0.00076 (J)		<0.005			<0.005	
2/15/2024		<0.005		<0.005		<0.005	0.00056 (J)		
7/31/2024	<0.005			<0.005	<0.005	<0.005			
8/1/2024		<0.005					<0.005	<0.005	
8/2/2024			<0.005						
2/12/2025	<0.005		<0.005			<0.005	<0.005	<0.005	<0.005
2/13/2025		<0.005		<0.005	<0.005				
8/13/2025						<0.005			
8/14/2025	<0.005							<0.005	<0.005
8/18/2025			<0.005		<0.005		<0.005		
8/19/2025		0.0032 (J)		<0.005					
2/10/2026	<0.005				<0.005		<0.005		
2/11/2026		<0.005	<0.005	<0.005		<0.005			
2/12/2026								<0.005	<0.005

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

Time Series

Constituent: Antimony (mg/L) Analysis Run 8/17/2026 12:56 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WAMW-2	PZ-26D	WGWC-30	WGWC-31D	WGWC-31S	WGWC-32	WGWC-33	WGWC-34D	WGWC-34S
8/17/2023		0.00038 (J)							
2/15/2024		<0.005							
8/1/2024		<0.005							
2/12/2025	<0.005								
2/13/2025		<0.005							
8/13/2025		<0.005							
8/19/2025	<0.005								
8/20/2025			<0.005		<0.005	<0.005	<0.005		
8/21/2025				0.0025 (J)				<0.005	
8/25/2025									<0.005
11/10/2025						<0.005			
11/11/2025					<0.005			<0.005	<0.005
11/12/2025				<0.005			<0.005		
11/13/2025			<0.005						
2/9/2026					<0.005				<0.005
2/10/2026			<0.005	<0.005					
2/11/2026	<0.005					<0.005	<0.005	<0.005	
2/12/2026		<0.005							

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

Time Series

Constituent: Antimony (mg/L) Analysis Run 8/17/2026 12:56 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-35D	WGWC-35S	WGWC-36D	WGWC-36S	WGWC-37D	WGWC-37S	WGWC-38D	WGWC-38S	WGWC-39
8/20/2025							<0.005		
8/21/2025				<0.005		<0.005		<0.005	<0.005
8/26/2025	<0.005	<0.005	<0.005						
8/27/2025					<0.005				
11/10/2025			<0.005				<0.005		
11/11/2025					<0.005				
11/12/2025	<0.005	<0.005						<0.005	
11/13/2025				<0.005		<0.005			<0.005
2/9/2026					<0.005				
2/10/2026			<0.005			<0.005			<0.005
2/11/2026	<0.005			<0.005					
2/12/2026		<0.005					<0.005	<0.005	

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

Time Series

Constituent: Antimony (mg/L) Analysis Run 8/17/2026 12:56 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-40	WGWC-41	WGWC-42	WGWC-8A	PZ-31
2/13/2025					<0.005
8/13/2025					<0.005
8/20/2025	<0.005		<0.005		
8/21/2025		<0.005			
11/10/2025			<0.005		
11/11/2025	<0.005				
1/8/2026			<0.005		
2/11/2026	<0.005	<0.005			
2/12/2026					<0.005
2/13/2026				<0.005	

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

Time Series

Constituent: Arsenic (mg/L) Analysis Run 8/17/2026 12:56 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWA-1 (bg)	WGWA-2 (bg)	WGWA-3 (bg)	WGWA-4 (bg)	WGWA-5 (bg)	WGWA-6 (bg)	WGWA-7 (bg)	WGWA-18 (bg)	WGWC-9
5/17/2016	<0.005	<0.005						<0.005	
5/18/2016			<0.005	<0.005	<0.001	<0.005	<0.005		
5/19/2016									<0.005
7/19/2016	<0.005	<0.005			<0.001	<0.005	<0.005	0.00061 (J)	
7/20/2016			<0.005	<0.005					0.00078 (J)
9/13/2016	<0.005	<0.005	<0.005	<0.005		<0.005	<0.005	0.00074 (J)	
9/14/2016					0.00069 (J)				<0.005
11/9/2016	<0.005	<0.005				<0.005		<0.005	
11/10/2016			<0.005	0.00078 (J)			<0.005		
1/17/2017	<0.005	0.00099 (J)							
1/18/2017			0.00086 (J)	0.0012 (J)		0.0008 (J)	0.001 (J)		
1/19/2017					<0.001			0.00079 (J)	
2/9/2017									0.0017
3/13/2017	<0.005	<0.005							
3/14/2017			<0.005	<0.005	<0.001	<0.005	<0.005	0.0014	
3/15/2017									0.00047 (J)
4/11/2017									<0.005
4/24/2017	<0.005	<0.005							
4/25/2017			<0.005	<0.005	<0.001	<0.005	<0.005	0.00062 (J)	
4/26/2017									<0.005
8/8/2017	<0.005	<0.005	<0.005			<0.005	<0.005	<0.005	
8/9/2017				<0.005	<0.001				
8/10/2017									<0.005
8/25/2017					<0.001				
3/27/2018	<0.005	<0.005							
3/28/2018			<0.005	<0.005	<0.001	<0.005	<0.005	0.00046 (J)	
3/29/2018									<0.005
6/13/2018	0.001 (J)				<0.001	<0.005		0.00057 (J)	
6/14/2018		0.0012 (J)	0.00087 (J)	0.0005 (J)			0.0005 (J)		<0.005
9/24/2018		<0.005							
9/27/2018	<0.005								
9/28/2018								<0.005	
10/2/2018						<0.005			
10/3/2018			0.00069 (J)	<0.005	0.00085 (J)		<0.005		
10/4/2018									<0.005
2/25/2019	<0.005	<0.005							
2/26/2019			<0.005	0.00033 (J)	<0.001	<0.005	<0.005	0.00054 (J)	
2/28/2019									<0.005
4/1/2019	<0.005	<0.005							
4/2/2019			<0.005	<0.005	<0.001	<0.005	<0.005	<0.005	
4/3/2019									<0.005
9/16/2019	<0.005				<0.001	0.00036 (J)			
9/17/2019		0.00033 (J)		0.00035 (J)				0.0004 (J)	
9/18/2019			<0.005				<0.005		
9/19/2019									<0.005
2/3/2020	<0.005	<0.005							
2/4/2020			<0.005	0.00033 (J)	<0.001	<0.005			
2/5/2020							<0.005	0.00058 (J)	<0.005
3/16/2020	0.00038 (J)	0.00043 (J)							
3/17/2020			<0.005	<0.005	<0.001	<0.005	<0.005	<0.005	
3/19/2020									<0.005
9/21/2020		<0.005	<0.005	<0.005					

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

Time Series

Constituent: Arsenic (mg/L) Analysis Run 8/17/2026 12:56 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWA-1 (bg)	WGWA-2 (bg)	WGWA-3 (bg)	WGWA-4 (bg)	WGWA-5 (bg)	WGWA-6 (bg)	WGWA-7 (bg)	WGWA-18 (bg)	WGWC-9
9/22/2020	<0.005				<0.001	<0.005	<0.005	<0.005	
9/23/2020									<0.005
2/2/2021	<0.005	<0.005	<0.005	<0.005			<0.005	<0.005	
2/3/2021					<0.001	<0.005			
2/4/2021									<0.005
3/10/2021		0.00063 (J)	<0.005	0.00036 (J)	<0.001		<0.005	<0.005	
3/11/2021	<0.005					<0.005			
3/12/2021									<0.005
8/23/2021		<0.005							
8/24/2021	<0.005			<0.005	<0.001	<0.005	<0.005		
8/25/2021			<0.005					<0.005	
8/26/2021									<0.005
2/28/2022				<0.005					
3/1/2022	<0.005	<0.005	<0.005		<0.001	<0.005			
3/3/2022							<0.005	<0.005	<0.005
8/15/2022	<0.005	<0.005			<0.001	<0.005			
8/16/2022			<0.005	<0.005			<0.005	<0.005	
8/17/2022									<0.005
2/14/2023	<0.005	<0.005	<0.005		<0.001	<0.005	<0.005	<0.005	
2/15/2023				<0.005					<0.005
8/14/2023	<0.005	<0.005							
8/15/2023			<0.005	<0.005	<0.001	<0.005	<0.005	<0.005	
8/16/2023									<0.005
2/13/2024	<0.005	<0.005	<0.005	<0.005		0.00098 (J)	0.00097 (J)	0.00093 (J)	
2/14/2024									<0.005
2/16/2024					<0.001				
7/30/2024	<0.005	<0.005	<0.005	<0.005		<0.005	<0.005	<0.005	
8/1/2024									<0.005
2/10/2025	<0.005	<0.005	<0.005						
2/11/2025				<0.005		<0.005	<0.005	<0.005	<0.005
8/12/2025	<0.005	<0.005	<0.005	<0.005		<0.005		<0.005	
8/13/2025							<0.005		
8/19/2025									<0.005
2/9/2026		<0.005	<0.005	<0.005		<0.005	<0.005		
2/10/2026	<0.005							<0.005	
2/13/2026									<0.005

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

Time Series

Constituent: Arsenic (mg/L) Analysis Run 8/17/2026 12:56 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-10	WGWC-11	WGWC-12	WGWC-13	WGWC-14A	WGWC-15	WGWC-16	WGWC-17	WGWC-19
5/18/2016	<0.005					0.00345 (J)	<0.005	<0.005	
5/19/2016		<0.005	<0.005	<0.005					
7/19/2016						0.0031	0.0009 (J)		
7/20/2016	<0.005	<0.005	<0.005	<0.005				0.00058 (J)	
9/14/2016	<0.005	<0.005	<0.005	<0.005		0.0024	0.0014	<0.005	
11/10/2016				<0.005		0.0023	0.0021	0.00082 (J)	
11/11/2016	<0.005	<0.005	<0.005						<0.005
1/20/2017								<0.005	
1/24/2017						0.0019	0.0015		
1/27/2017		0.00047 (J)	<0.005	0.00066 (J)					
2/6/2017	<0.005								<0.005
2/8/2017					<0.005				
2/23/2017					<0.005				
3/14/2017						0.0016		<0.005	
3/15/2017	<0.005	<0.005	<0.005	<0.005			0.0014		<0.005
3/17/2017					0.0006 (J)				
4/11/2017					0.0032				<0.005
4/25/2017						0.0019	0.0014	0.00095 (J)	
4/26/2017	<0.005	<0.005	<0.005	<0.005	0.0019				<0.005
5/17/2017					0.0014				
6/7/2017					0.0021				<0.005
7/11/2017					0.00095 (J)				<0.005
8/9/2017				<0.005		0.0017	0.0013	<0.005	
8/10/2017	<0.005	<0.005	0.00048 (J)						<0.005
3/29/2018		<0.005	<0.005	0.00067 (J)	<0.005		0.0014		<0.005
3/30/2018	<0.005					0.0018		<0.005	
6/14/2018	0.0005 (J)	<0.005	0.00052 (J)	0.00093 (J)	<0.005	0.002	<0.005	0.00076 (J)	<0.005
10/3/2018						0.0024			
10/4/2018	0.00089 (J)	0.00054 (J)	<0.005	0.0015	0.0017		0.0013	0.00088 (J)	<0.005
2/26/2019								0.0005 (J)	
2/27/2019	<0.005	<0.005	<0.005	0.00036 (J)	<0.005	0.0015	0.00046 (J)		
2/28/2019									<0.005
4/2/2019									<0.005
4/3/2019		<0.005	<0.005	0.00053 (J)	<0.005				
4/4/2019	<0.005					0.0019	<0.005	<0.005	
9/18/2019				0.00039 (J)	<0.005	0.0016	<0.005	<0.005	<0.005
9/19/2019	0.00038 (J)	<0.005	<0.005						
2/5/2020	0.00035 (J)	<0.005	<0.005	0.00048 (J)	<0.005				
2/7/2020						0.001	<0.005	0.00075 (J)	<0.005
3/18/2020	<0.005	<0.005	<0.005			0.00088 (J)	<0.005	0.00054 (J)	
3/19/2020				0.00039 (J)	<0.005				
5/4/2020									<0.005
9/23/2020	<0.005		<0.005			0.00061 (J)	<0.005	0.00067 (J)	<0.005
9/24/2020		0.00051 (J)		<0.005	<0.005				
2/3/2021		<0.005	<0.005						<0.005
2/4/2021	<0.005			0.00038 (J)	<0.005	0.00069 (J)	<0.005	0.00035 (J)	
3/11/2021	0.00031 (J)			0.00035 (J)	<0.005		<0.005	<0.005	<0.005
3/12/2021		<0.005	<0.005			0.00084 (J)			
8/25/2021		<0.005	<0.005	<0.005	<0.005		<0.005	<0.005	
8/26/2021	<0.005					0.0012			<0.005
3/3/2022	<0.005	<0.005		<0.005	<0.005	0.00057 (J)	<0.005		<0.005
3/4/2022			0.00037 (J)					<0.005	

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

Time Series

Constituent: Arsenic (mg/L) Analysis Run 8/17/2026 12:56 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-10	WGWC-11	WGWC-12	WGWC-13	WGWC-14A	WGWC-15	WGWC-16	WGWC-17	WGWC-19
8/16/2022		<0.005						<0.005	
8/17/2022						0.00052 (J)	<0.005		<0.005
8/18/2022			<0.005	0.00034 (J)					
8/19/2022	<0.005				<0.005				
2/15/2023						<0.005	<0.005		
2/16/2023	<0.005	<0.005	<0.005	<0.005	<0.005			<0.005	<0.005
8/15/2023							<0.005		
8/16/2023		<0.005	<0.005	<0.005	<0.005	<0.005		<0.005	<0.005
8/17/2023	<0.005								
2/14/2024			0.001						
2/15/2024	<0.005			<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
2/16/2024		<0.005							
7/30/2024							<0.005		
7/31/2024	<0.005	<0.005	<0.005	<0.005		<0.005		<0.005	<0.005
8/2/2024					<0.005				
2/11/2025		<0.005	<0.005					<0.005	
2/12/2025				<0.005	<0.005		<0.005		
2/13/2025	<0.005					<0.005			<0.005
8/13/2025						<0.005		<0.005	
8/14/2025				<0.005	<0.005		<0.005		<0.005
8/15/2025			<0.005						
8/18/2025		<0.005							
8/19/2025	<0.005								
2/10/2026	<0.005	<0.005		<0.005	<0.005	<0.005	<0.005		
2/11/2026			<0.005					<0.005	<0.005

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

Time Series

Constituent: Arsenic (mg/L) Analysis Run 8/17/2026 12:56 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-20	WGWC-21	WGWC-22	WGWC-23	WGWC-24	WGWC-25	WGWC-27	WGWC-28D	WAMW-1
10/18/2018									0.00052 (J)
8/26/2021	0.00031 (J)	0.00057 (J)	<0.005	<0.005	0.0033	<0.005			
1/11/2022		0.00036 (J)	<0.005	<0.005	0.0017	<0.005			
1/12/2022	0.00052 (J)								
3/3/2022		0.00053 (J)			0.0029				
3/4/2022	0.00078 (J)		0.00046 (J)	<0.005		<0.005			
6/6/2022		0.00083 (J)		<0.005	0.00054 (J)				
6/7/2022	0.00033 (J)		0.00029 (J)			<0.005			
8/16/2022		0.00028 (J)							
8/17/2022				<0.005		<0.005			
8/18/2022	<0.005				0.00028 (J)				
8/19/2022			<0.005						
10/19/2022							<0.005		
2/15/2023			<0.005	<0.005	<0.005	<0.005			
2/16/2023	<0.005	<0.005					<0.005		
8/11/2023	<0.005						<0.005		
8/15/2023						<0.005			
8/17/2023		<0.005	<0.005	<0.005	<0.005				
9/26/2023								0.0013	
2/13/2024	0.001								
2/14/2024			0.0011		0.0012			0.0022	
2/15/2024		<0.005		<0.005		0.00096 (J)	<0.005		
7/31/2024	0.0012			<0.005	<0.005	<0.005			
8/1/2024		<0.005					<0.005	0.0025	
8/2/2024			<0.005						
2/12/2025	<0.005		<0.005			<0.005	<0.005	<0.005	<0.005
2/13/2025		<0.005		<0.005	<0.005				
8/13/2025						<0.005			
8/14/2025	<0.005							0.0016 (J)	<0.005
8/18/2025			<0.005		<0.005		<0.005		
8/19/2025		<0.005		<0.005					
2/10/2026	<0.005				<0.005		<0.005		
2/11/2026		<0.005	<0.005	<0.005		<0.005			
2/12/2026								<0.005	<0.005

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

Time Series

Constituent: Arsenic (mg/L) Analysis Run 8/17/2026 12:56 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WAMW-2	PZ-26D	WGWC-30	WGWC-31D	WGWC-31S	WGWC-32	WGWC-33	WGWC-34D	WGWC-34S
10/16/2018	0.00066 (J)								
8/17/2023		<0.005							
2/15/2024		<0.005							
8/1/2024		<0.005							
2/12/2025	<0.005								
2/13/2025		<0.005							
8/13/2025		<0.005							
8/19/2025	<0.005								
8/20/2025			<0.005		<0.005	<0.005	<0.005		
8/21/2025				<0.005				0.003 (J)	
8/25/2025									<0.005
11/10/2025						<0.005			
11/11/2025					<0.005			0.007 (J)	<0.005
11/12/2025				<0.005			<0.005		
11/13/2025			<0.005						
2/9/2026					<0.005				<0.005
2/10/2026			<0.005	<0.005					
2/11/2026	<0.005					<0.005	0.0046 (J)	0.0056	
2/12/2026		<0.005							

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

Time Series

Constituent: Arsenic (mg/L) Analysis Run 8/17/2026 12:56 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-35D	WGWC-35S	WGWC-36D	WGWC-36S	WGWC-37D	WGWC-37S	WGWC-38D	WGWC-38S	WGWC-39
8/20/2025							0.03		
8/21/2025				0.0031 (J)		<0.005		0.0013 (J)	<0.005
8/26/2025	<0.005	<0.005	<0.005						
8/27/2025					<0.005				
11/10/2025			<0.005				0.071		
11/11/2025					<0.005				
11/12/2025	<0.005	0.0014 (J)						0.0014 (J)	
11/13/2025				0.0013 (J)		0.0046 (J)			<0.005
2/9/2026					0.0017 (J)				
2/10/2026			<0.005			0.0083			<0.005
2/11/2026	<0.005			0.0015 (J)					
2/12/2026		<0.005					0.11	0.0026 (J)	

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

Time Series

Constituent: Arsenic (mg/L) Analysis Run 8/17/2026 12:56 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-40	WGWC-41	WGWC-42	WGWC-8A	PZ-31
2/13/2025					<0.005
8/13/2025					<0.005
8/20/2025	<0.005		<0.005		
8/21/2025		<0.005			
11/10/2025			<0.005		
11/11/2025	<0.005				
1/8/2026			<0.005		
2/11/2026	<0.005	<0.005			
2/12/2026					<0.005
2/13/2026				<0.005	

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

Time Series

Constituent: Barium (mg/L) Analysis Run 8/17/2026 12:56 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWA-1 (bg)	WGWA-2 (bg)	WGWA-3 (bg)	WGWA-4 (bg)	WGWA-5 (bg)	WGWA-6 (bg)	WGWA-7 (bg)	WGWA-18 (bg)	WGWC-9
5/17/2016	0.041	0.0308						0.0221	
5/18/2016			0.0174	0.00723 (J)	0.0198	0.00518 (J)	0.0114		
5/19/2016									<0.01
7/19/2016	0.038	0.022			0.015	0.0049	0.012	0.018	
7/20/2016			0.012	0.0051					0.0014 (J)
9/13/2016	0.029	0.021	0.013	0.0058		0.006	0.011	0.021	
9/14/2016					0.062				0.00092 (J)
11/9/2016	0.041	0.025				0.0066		0.011	
11/10/2016			0.013	0.0063			0.016		
1/17/2017	0.044	0.017							
1/18/2017			0.014	0.0059		0.007	0.013		
1/19/2017					0.034			0.012	
2/9/2017									0.0015 (J)
3/13/2017	0.042	0.019							
3/14/2017			0.014	0.0058	0.018	0.014	0.01	0.017	
3/15/2017									0.00054 (J)
4/11/2017									0.0007 (J)
4/24/2017	0.039	0.019							
4/25/2017			0.015	0.0056	0.018	0.0062	0.012	0.017	
4/26/2017									<0.01
8/8/2017	0.044	0.022	0.015			0.0065	0.012	0.021	
8/9/2017				0.0056	0.016				
8/10/2017									0.00053 (J)
8/25/2017					0.015				
3/27/2018	0.041	0.021							
3/28/2018			0.014	0.0052	0.015	0.0059	0.01	0.019	
3/29/2018									<0.01
6/13/2018	0.045				0.016	0.0067		0.013	
6/14/2018		0.02	0.013	0.0057			0.012		0.00088 (J)
9/24/2018		0.02							
9/27/2018	0.047								
9/28/2018								0.014	
10/2/2018						0.0066			
10/3/2018			0.014	0.0054	0.016		0.011		
10/4/2018									0.00076 (J)
2/25/2019	0.049	0.027							
2/26/2019			0.014	0.012	0.02	0.011	0.013	0.015	
2/28/2019									0.0023 (J)
4/1/2019	0.044	0.027							
4/2/2019			0.014	0.0056	0.016	0.0069	0.011	0.014	
4/3/2019									<0.01
9/16/2019	0.05				0.027	0.0073 (J)			
9/17/2019		0.024		0.0063 (J)				0.013	
9/18/2019			0.013				0.012		
9/19/2019									0.0018 (J)
2/3/2020	0.053	0.045							
2/4/2020			0.019	0.0087 (J)	0.022	0.013			
2/5/2020							0.012	0.02	0.0022 (J)
3/16/2020	0.046	0.026							
3/17/2020			0.013	0.0059 (J)	0.017	0.0081 (J)	0.012	0.013	
3/19/2020									0.0021 (J)
9/21/2020		0.024	0.015	0.006 (J)					

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

Time Series

Constituent: Barium (mg/L) Analysis Run 8/17/2026 12:56 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWA-1 (bg)	WGWA-2 (bg)	WGWA-3 (bg)	WGWA-4 (bg)	WGWA-5 (bg)	WGWA-6 (bg)	WGWA-7 (bg)	WGWA-18 (bg)	WGWC-9
9/22/2020	0.048				0.032	0.0079 (J)	0.013	0.015	
9/23/2020									<0.01
2/2/2021	0.05	0.025	0.015	0.006 (J)			0.012	0.017	
2/3/2021					0.015	0.0079 (J)			
2/4/2021									0.0016 (J)
3/10/2021		0.024	0.014	0.0057 (J)	0.016		0.011	0.016	
3/11/2021	0.046					0.0077 (J)			
3/12/2021									<0.01
8/23/2021		0.023							
8/24/2021	0.049			0.0055 (J)	0.028	0.0074 (J)	0.012		
8/25/2021			0.014					0.015	
8/26/2021									<0.01
2/28/2022				0.0053 (J)					
3/1/2022	0.047	0.02	0.014		0.017	0.0071 (J)			
3/3/2022							0.012	0.013	<0.01
8/15/2022	0.045	0.022			0.029	0.0069 (J)			
8/16/2022			0.014	0.0062 (J)			0.011	0.012	
8/17/2022									<0.01
2/14/2023	0.05	0.022	0.015		0.018	0.0078 (J)	0.011	0.013	
2/15/2023				0.0058 (J)					<0.01
8/14/2023	0.05	0.025							
8/15/2023			0.014	0.0055 (J)	0.016	0.0072 (J)	0.013	0.016	
8/16/2023									<0.01
2/13/2024	0.047	0.025	0.014	0.0062 (J)		0.0076 (J)	0.0099 (J)	0.013	
2/14/2024									<0.01
2/16/2024					0.014				
7/30/2024	0.052	0.031	0.016	0.0069 (J)		0.0086 (J)	0.013	0.02	
8/1/2024									<0.01
2/10/2025	0.049	0.023	0.014						
2/11/2025				0.0086 (J)		0.0091 (J)	0.011	0.014	0.0018 (J)
8/12/2025	0.046	0.025	0.014	0.0057 (J)		0.0072 (J)		0.012	
8/13/2025							0.012		
8/19/2025									0.00049 (J)
2/9/2026		0.025	0.012	0.0068 (J)		0.0074 (J)	0.012		
2/10/2026	0.047							0.015	
2/13/2026									<0.01

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

Time Series

Constituent: Barium (mg/L) Analysis Run 8/17/2026 12:56 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-10	WGWC-11	WGWC-12	WGWC-13	WGWC-14A	WGWC-15	WGWC-16	WGWC-17	WGWC-19
5/18/2016	0.0391					0.0206	0.0715	0.0219	
5/19/2016		0.031	0.0214	0.055					
7/19/2016						0.019	0.069		
7/20/2016	0.028	0.029	0.019	0.039				0.019	
9/14/2016	0.035	0.031	0.02	0.04		0.02	0.066	0.017	
11/10/2016				0.04		0.02	0.069	0.02	
11/11/2016	0.042	0.034	0.022						0.0022 (J)
1/20/2017								0.018	
1/24/2017						0.017	0.068		
1/27/2017		0.042	0.023	0.042					
2/6/2017	0.041								0.0018 (J)
2/8/2017					0.037				
2/23/2017					0.051				
3/14/2017						0.018		0.019	
3/15/2017	0.04	0.032	0.024	0.058			0.065		0.0015 (J)
3/17/2017					0.046				
4/11/2017					0.055				0.0014 (J)
4/25/2017						0.018	0.057	0.023	
4/26/2017	0.039	0.03	0.004	0.054	0.042				0.0014 (J)
5/17/2017					0.052				
6/7/2017					0.06				0.0014 (J)
7/11/2017					0.038				0.0013 (J)
8/9/2017				0.055		0.02	0.069	0.017	
8/10/2017	0.038	0.03	0.017						0.0012 (J)
3/29/2018		0.028	0.017	0.061	0.028		0.05		0.00097 (J)
3/30/2018	0.042					0.021		0.015	
6/14/2018	0.038	0.03	0.015	0.055	0.023	0.022	0.046	0.013	0.0011 (J)
10/3/2018						0.024			
10/4/2018	0.04	0.035	0.017	0.046	0.036		0.046	0.013	0.0012 (J)
2/26/2019								0.012	
2/27/2019	0.04	0.04	0.016	0.054	0.028	0.023	0.028		
2/28/2019									<0.01
4/2/2019									0.0013 (J)
4/3/2019		0.035	0.015	0.056	0.026				
4/4/2019	0.04					0.022	0.027	0.011	
9/18/2019				0.062	0.025	0.026	0.032	0.011	<0.01
9/19/2019	0.038	0.033	0.016						
2/5/2020	0.061	0.047	0.016	0.052	0.077				
2/7/2020						0.022	0.034	0.011	0.0065 (J)
3/18/2020	0.035	0.038	0.016			0.021	0.034	0.012	
3/19/2020				0.072	0.031				
5/4/2020									<0.01
9/23/2020	0.035		0.016			0.027	0.037	0.012	<0.01
9/24/2020		0.061		0.038	0.034				
2/3/2021		0.039	0.015						<0.01
2/4/2021	0.035			0.047	0.029	0.028	0.039	0.012	
3/11/2021	0.033			0.049	0.032		0.037	0.011	<0.01
3/12/2021		0.045	0.017			0.028			
8/25/2021		0.04	0.016	0.046	0.03		0.035	0.011	
8/26/2021	0.032					0.029			<0.01
3/3/2022	0.033	0.04		0.045	0.029	0.029	0.041		<0.01
3/4/2022			0.016					0.011	

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

Time Series

Constituent: Barium (mg/L) Analysis Run 8/17/2026 12:56 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-10	WGWC-11	WGWC-12	WGWC-13	WGWC-14A	WGWC-15	WGWC-16	WGWC-17	WGWC-19
8/16/2022		0.038						0.011	
8/17/2022						0.027	0.032		0.0012 (J)
8/18/2022			0.014	0.041					
8/19/2022	0.03				0.026				
2/15/2023						0.029	0.044		
2/16/2023	0.032	0.041	0.014	0.037	0.028			0.01	0.00096 (J)
8/15/2023							0.039		
8/16/2023		0.044	0.017	0.042	0.026	0.03		0.012	0.0014 (J)
8/17/2023	0.036								
2/14/2024			0.017						
2/15/2024	0.034			0.037	0.027	0.031	0.045	0.011	0.0012 (J)
2/16/2024		0.042							
7/30/2024							0.043		
7/31/2024	0.034	0.05	0.016	0.045		0.033		0.012	0.001 (J)
8/2/2024					0.027				
2/11/2025		0.053	0.018					0.012	
2/12/2025				0.04	0.027		0.04		
2/13/2025	0.032					0.033			0.0077 (J)
8/13/2025						0.033		0.011	
8/14/2025				0.041	0.027		0.039		0.0015 (J)
8/15/2025			0.018						
8/18/2025		0.05							
8/19/2025	0.032								
2/10/2026	0.031	0.049		0.036	0.029	0.035	0.046		
2/11/2026			0.018					0.012	0.0014 (J)

Time Series

Constituent: Barium (mg/L) Analysis Run 8/17/2026 12:56 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-20	WGWC-21	WGWC-22	WGWC-23	WGWC-24	WGWC-25	WGWC-27	WGWC-28D	WAMW-1
10/18/2018									0.005
8/26/2021	<0.01	0.0086 (J)	0.031	0.0078 (J)	0.042	0.41			
1/11/2022		0.0076 (J)	0.04	0.0072 (J)	0.029	0.38			
1/12/2022	<0.01								
3/3/2022		0.0068 (J)			0.028				
3/4/2022	<0.01		0.038	0.0081 (J)		0.38			
6/6/2022		0.0079 (J)		0.0097 (J)	0.032				
6/7/2022	<0.01		0.025			0.34			
8/16/2022		0.0039 (J)							
8/17/2022				0.0089 (J)		0.31			
8/18/2022	0.00091 (J)				0.041				
8/19/2022			0.023						
10/19/2022							0.0036 (J)		
2/15/2023			0.033	0.0055 (J)	0.036	0.33			
2/16/2023	<0.01	0.0053 (J)					0.0049 (J)		
8/11/2023	<0.01						0.0047 (J)		
8/15/2023						0.19			
8/17/2023		0.0044 (J)	0.021	0.01	0.046				
9/26/2023								0.016	
2/13/2024	<0.01								
2/14/2024			0.041		0.052			0.017	
2/15/2024		0.0064 (J)		0.005 (J)		0.14	0.004 (J)		
7/31/2024	<0.01			0.011	0.047	0.23			
8/1/2024		0.0047 (J)					0.0042 (J)	0.011	
8/2/2024			0.021						
2/12/2025	<0.01		0.022			0.19	0.0034 (J)	0.011	0.041
2/13/2025		0.0038 (J)		0.015	0.051				
8/13/2025						0.25			
8/14/2025	0.00049 (J)							0.012	0.0048 (J)
8/18/2025			0.018		0.042		0.0025 (J)		
8/19/2025		0.0033 (J)		0.0067 (J)					
2/10/2026	0.00043 (J)				0.067		0.0023 (J)		
2/11/2026		0.0039 (J)	0.022	0.0079 (J)		0.19			
2/12/2026								0.0074 (J)	0.014

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

Time Series

Constituent: Barium (mg/L) Analysis Run 8/17/2026 12:56 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WAMW-2	PZ-26D	WGWC-30	WGWC-31D	WGWC-31S	WGWC-32	WGWC-33	WGWC-34D	WGWC-34S
10/16/2018	0.0069								
8/17/2023		0.024							
2/15/2024		0.021							
8/1/2024		0.024							
2/12/2025	0.0093 (J)								
2/13/2025		0.017							
8/13/2025		0.031							
8/19/2025	0.0066 (J)								
8/20/2025			0.024		0.014	0.05	0.015		
8/21/2025				0.005 (J)				0.065	
8/25/2025									0.021
11/10/2025						0.061			
11/11/2025					0.0087 (J)			0.048	0.019
11/12/2025				0.00062 (J)			0.0038 (J)		
11/13/2025			0.026						
2/9/2026					0.013				0.023
2/10/2026			0.027	0.008 (J)					
2/11/2026	0.015					0.065	0.013	0.044	
2/12/2026		0.019							

Time Series

Constituent: Barium (mg/L) Analysis Run 8/17/2026 12:56 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-35D	WGWC-35S	WGWC-36D	WGWC-36S	WGWC-37D	WGWC-37S	WGWC-38D	WGWC-38S	WGWC-39
8/20/2025							0.043		
8/21/2025				0.057		<0.01		0.11	0.059
8/26/2025	0.2	0.035	0.026						
8/27/2025					0.12				
11/10/2025			0.02				0.033		
11/11/2025					0.095				
11/12/2025	<0.01	0.013						0.11	
11/13/2025				0.086		1.1			0.053
2/9/2026					0.068				
2/10/2026			0.029			1.2			0.048
2/11/2026	0.19			0.068					
2/12/2026		0.032					0.031	0.14	

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

Time Series

Constituent: Barium (mg/L) Analysis Run 8/17/2026 12:56 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-40	WGWC-41	WGWC-42	WGWC-8A	PZ-31
2/13/2025					0.059
8/13/2025					0.064
8/20/2025	0.17		0.016		
8/21/2025		0.0019 (J)			
11/10/2025			0.014		
11/11/2025	0.16				
1/8/2026			0.023		
2/11/2026	0.16	0.0042 (J)			
2/12/2026					0.06
2/13/2026				0.012	

Time Series

Constituent: Beryllium (mg/L) Analysis Run 8/17/2026 12:56 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWA-1 (bg)	WGWA-2 (bg)	WGWA-3 (bg)	WGWA-4 (bg)	WGWA-5 (bg)	WGWA-6 (bg)	WGWA-7 (bg)	WGWA-18 (bg)	WGWC-9
5/17/2016	<0.001	<0.001						<0.001	
5/18/2016			<0.001	<0.001	<0.0025	<0.001	<0.001		
5/19/2016									<0.0025
7/19/2016	<0.001	<0.001			<0.0025	<0.001	<0.001	<0.001	
7/20/2016			<0.001	<0.001					<0.0025
9/13/2016	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	
9/14/2016					<0.0025				<0.0025
11/9/2016	<0.001	<0.001				<0.001		<0.001	
11/10/2016			<0.001	<0.001			<0.001		
1/17/2017	<0.001	<0.001							
1/18/2017			<0.001	<0.001		<0.001	<0.001		
1/19/2017					<0.0025			<0.001	
2/9/2017									0.00041 (J)
3/13/2017	<0.001	<0.001							
3/14/2017			<0.001	<0.001	<0.0025	<0.001	<0.001	<0.001	
3/15/2017									<0.0025
4/11/2017									<0.0025
4/24/2017	<0.001	<0.001							
4/25/2017			<0.001	<0.001	<0.0025	<0.001	<0.001	<0.001	
4/26/2017									<0.0025
8/8/2017	<0.001	<0.001	<0.001			<0.001	<0.001	<0.001	
8/9/2017				<0.001	<0.0025				
8/10/2017									0.00034 (J)
8/25/2017					<0.0025				
3/27/2018	<0.001	<0.001							
3/28/2018			<0.001	<0.001	<0.0025	<0.001	<0.001	<0.001	
3/29/2018									<0.0025
6/13/2018	<0.001				<0.0025	<0.001		<0.001	
6/14/2018		<0.001	<0.001	<0.001			<0.001		<0.0025
9/24/2018		<0.001							
9/27/2018	<0.001								
9/28/2018								<0.001	
10/2/2018						<0.001			
10/3/2018			<0.001	<0.001	<0.0025		<0.001		
10/4/2018									0.00036 (J)
2/25/2019	<0.001	<0.001							
2/26/2019			<0.001	<0.001	<0.0025	<0.001	<0.001	<0.001	
2/28/2019									0.00031 (J)
4/1/2019	<0.001	<0.001							
4/2/2019			<0.001	<0.001	<0.0025	<0.001	<0.001	<0.001	
4/3/2019									<0.0025
9/16/2019	0.00032 (J)				0.00036 (J)	0.0011			
9/17/2019		0.00019 (J)		<0.001				<0.001	
9/18/2019			<0.001				<0.001		
9/19/2019									0.00041 (J)
2/3/2020	<0.001	<0.001							
2/4/2020			<0.001	<0.001	<0.0025	<0.001			
2/5/2020							0.00041 (J)	<0.001	0.0004 (J)
3/16/2020	0.00071 (J)	0.00076 (J)							
3/17/2020			0.00021 (J)	<0.001	<0.0025	<0.001	<0.001	<0.001	
3/19/2020									0.00056 (J)
9/21/2020		<0.001	<0.001	<0.001					

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

Time Series

Constituent: Beryllium (mg/L) Analysis Run 8/17/2026 12:56 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWA-1 (bg)	WGWA-2 (bg)	WGWA-3 (bg)	WGWA-4 (bg)	WGWA-5 (bg)	WGWA-6 (bg)	WGWA-7 (bg)	WGWA-18 (bg)	WGWC-9
9/22/2020	<0.001				<0.0025	<0.001	<0.001	<0.001	
9/23/2020									0.00034 (J)
2/2/2021	<0.001	<0.001	<0.001	<0.001			<0.001	<0.001	
2/3/2021					<0.0025	<0.001			
2/4/2021									0.00039 (J)
3/10/2021		0.00065 (J)	0.00019 (J)	<0.001	<0.0025		<0.001	<0.001	
3/11/2021	0.00029 (J)					<0.001			
3/12/2021									0.00034 (J)
8/23/2021		<0.001							
8/24/2021	<0.001			<0.001	<0.0025	<0.001	<0.001		
8/25/2021			<0.001					<0.001	
8/26/2021									0.00038 (J)
2/28/2022				<0.001					
3/1/2022	<0.001	<0.001	<0.001		<0.0025	<0.001			
3/3/2022							<0.001	<0.001	0.00036 (J)
8/15/2022	<0.001	<0.001			<0.0025	<0.001			
8/16/2022			<0.001	<0.001			<0.001	<0.001	
8/17/2022									0.00033 (J)
2/14/2023	<0.001	<0.001	<0.001		<0.0025	<0.001	<0.001	<0.001	
2/15/2023				<0.001					0.00044 (J)
8/14/2023	<0.001	<0.001							
8/15/2023			<0.001	<0.001	<0.0025	<0.001	<0.001	<0.001	
8/16/2023									0.0004 (J)
2/13/2024	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	
2/14/2024									0.00037 (J)
2/16/2024					<0.0025				
7/30/2024	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	
8/1/2024									0.0004 (J)
2/10/2025	<0.001	<0.001	<0.001						
2/11/2025				<0.001		<0.001	<0.001	<0.001	0.00035 (J)
8/12/2025	<0.001	<0.001	<0.001	<0.001		<0.001		<0.001	
8/13/2025							<0.001		
8/19/2025									0.00037 (J)
2/9/2026		<0.001	<0.001	<0.001		<0.001	<0.001		
2/10/2026	<0.001							<0.001	
2/13/2026									0.00041 (J)

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

Time Series

Constituent: Beryllium (mg/L) Analysis Run 8/17/2026 12:56 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-10	WGWC-11	WGWC-12	WGWC-13	WGWC-14A	WGWC-15	WGWC-16	WGWC-17	WGWC-19
5/18/2016	<0.001					<0.001	<0.001	<0.001	
5/19/2016		<0.001	<0.001	<0.001					
7/19/2016						<0.001	<0.001		
7/20/2016	<0.001	<0.001	<0.001	<0.001				<0.001	
9/14/2016	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	
11/10/2016				<0.001		<0.001	<0.001	<0.001	
11/11/2016	<0.001	<0.001	<0.001						<0.001
1/20/2017								<0.001	
1/24/2017						<0.001	<0.001		
1/27/2017		<0.001	<0.001	<0.001					
2/6/2017	<0.001								<0.001
2/8/2017					<0.001				
2/23/2017					<0.001				
3/14/2017						<0.001		<0.001	
3/15/2017	<0.001	<0.001	<0.001	<0.001			<0.001		<0.001
3/17/2017					<0.001				
4/11/2017					<0.001				<0.001
4/25/2017						<0.001	<0.001	<0.001	
4/26/2017	<0.001	<0.001	<0.001	<0.001	<0.001				<0.001
5/17/2017					<0.001				
6/7/2017					<0.001				<0.001
7/11/2017					<0.001				<0.001
8/9/2017				<0.001		<0.001	<0.001	<0.001	
8/10/2017	<0.001	<0.001	<0.001						<0.001
3/29/2018		<0.001	<0.001	<0.001	<0.001		<0.001		<0.001
3/30/2018	<0.001					<0.001		<0.001	
6/14/2018	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
10/3/2018						<0.001			
10/4/2018	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001
2/26/2019								<0.001	
2/27/2019	<0.001	<0.001	<0.001	<0.001	0.00017 (J)	<0.001	0.00022 (J)		
2/28/2019									<0.001
4/2/2019									<0.001
4/3/2019		<0.001	<0.001	<0.001	<0.001				
4/4/2019	<0.001					<0.001	<0.001	<0.001	
9/18/2019				<0.001	0.00032 (J)	<0.001	<0.001	<0.001	<0.001
9/19/2019	<0.001	<0.001	<0.001						
2/5/2020	<0.001	<0.001	<0.001	<0.001	0.00024 (J)				
2/7/2020						<0.001	<0.001	<0.001	<0.001
3/18/2020	<0.001	<0.001	<0.001			<0.001	<0.001	<0.001	
3/19/2020				<0.001	0.00025 (J)				
5/4/2020									<0.001
9/23/2020	<0.001		<0.001			<0.001	<0.001	<0.001	<0.001
9/24/2020		<0.001		<0.001	0.00024 (J)				
2/3/2021		<0.001	<0.001						<0.001
2/4/2021	<0.001			<0.001	0.00026 (J)	<0.001	<0.001	<0.001	
3/11/2021	<0.001			<0.001	<0.001		<0.001	<0.001	<0.001
3/12/2021		<0.001	<0.001			<0.001			
8/25/2021		<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	
8/26/2021	<0.001					<0.001			<0.001
3/3/2022	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001		<0.001
3/4/2022			<0.001					<0.001	

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

Time Series

Constituent: Beryllium (mg/L) Analysis Run 8/17/2026 12:56 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-10	WGWC-11	WGWC-12	WGWC-13	WGWC-14A	WGWC-15	WGWC-16	WGWC-17	WGWC-19
8/16/2022		<0.001						<0.001	
8/17/2022						<0.001	<0.001		<0.001
8/18/2022			<0.001	<0.001					
8/19/2022	<0.001				<0.001				
2/15/2023						<0.001	<0.001		
2/16/2023	<0.001	<0.001	<0.001	<0.001	0.00031 (J)			<0.001	<0.001
8/15/2023							<0.001		
8/16/2023		<0.001	<0.001	<0.001	0.00023 (J)	<0.001		<0.001	<0.001
8/17/2023	<0.001								
2/14/2024			<0.001						
2/15/2024	<0.001			<0.001	0.00026 (J)	<0.001	<0.001	<0.001	<0.001
2/16/2024		<0.001							
7/30/2024							<0.001		
7/31/2024	<0.001	<0.001	<0.001	<0.001		<0.001		<0.001	<0.001
8/2/2024					0.00025 (J)				
2/11/2025		<0.001	<0.001					<0.001	
2/12/2025				<0.001	0.00027 (J)		<0.001		
2/13/2025	<0.001					<0.001			<0.001
8/13/2025						<0.001		<0.001	
8/14/2025				<0.001	<0.001		<0.001		<0.001
8/15/2025			<0.001						
8/18/2025		<0.001							
8/19/2025	<0.001								
2/10/2026	<0.001	<0.001		<0.001	0.00022 (J)	<0.001	<0.001		
2/11/2026			<0.001					<0.001	<0.001

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

Time Series

Constituent: Beryllium (mg/L) Analysis Run 8/17/2026 12:56 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-20	WGWC-21	WGWC-22	WGWC-23	WGWC-24	WGWC-25	WGWC-27	WGWC-28D	WAMW-1
10/18/2018									<0.001
8/26/2021	0.0081	<0.0025	0.00053 (J)	0.00089 (J)	0.014	0.00028 (J)			
1/11/2022		<0.0025	0.00057 (J)	0.0012 (J)	0.014	0.0002 (J)			
1/12/2022	0.012								
3/3/2022		<0.0025			0.01				
3/4/2022	0.01		0.00066 (J)	0.00097 (J)		<0.001			
6/6/2022		<0.0025		0.0011 (J)	0.0062				
6/7/2022	0.0089		0.00055 (J)			0.0003 (J)			
8/16/2022		0.00022 (J)							
8/17/2022				0.00078 (J)		0.00022 (J)			
8/18/2022	0.0081				0.0044				
8/19/2022			0.00063 (J)						
10/19/2022							0.00054 (J)		
2/15/2023			0.00067 (J)	0.0012 (J)	0.0099	0.00026 (J)			
2/16/2023	0.011	<0.0025					0.00046 (J)		
8/11/2023	0.0099						0.00052 (J)		
8/15/2023						<0.001			
8/17/2023		0.00021 (J)	0.0006 (J)	0.0013 (J)	0.0049				
9/26/2023								0.00073 (J)	
2/13/2024	0.012								
2/14/2024			0.00044 (J)		0.0065			0.0019 (J)	
2/15/2024		0.00021 (J)		0.0013 (J)		<0.001	0.0012 (J)		
7/31/2024	0.011			0.0012 (J)	0.0042	<0.001			
8/1/2024		0.00025 (J)					0.0013 (J)	0.0017 (J)	
8/2/2024			0.00064 (J)						
2/12/2025	0.011		0.00061 (J)			<0.001	0.0011 (J)	0.002 (J)	<0.001
2/13/2025		0.00033 (J)		0.0016 (J)	0.0055				
8/13/2025						<0.001			
8/14/2025	0.0089							0.0015	<0.001
8/18/2025			0.00065 (J)		0.0017		0.001		
8/19/2025		0.00041 (J)		0.001					
2/10/2026	0.01				0.0054		0.0012		
2/11/2026		0.00047 (J)	0.00069 (J)	0.0014		0.00015 (J)			
2/12/2026								0.0021	<0.001

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

Time Series

Constituent: Beryllium (mg/L) Analysis Run 8/17/2026 12:56 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WAMW-2	PZ-26D	WGWC-30	WGWC-31D	WGWC-31S	WGWC-32	WGWC-33	WGWC-34D	WGWC-34S
10/16/2018	<0.001								
8/17/2023		<0.001							
2/15/2024		<0.001							
8/1/2024		<0.001							
2/12/2025	<0.001								
2/13/2025		<0.001							
8/13/2025		<0.001							
8/19/2025	<0.001								
8/20/2025			0.00017 (J)		0.00021 (J)	0.0013	0.006		
8/21/2025				<0.001				0.0022	
8/25/2025									<0.001
11/10/2025						0.0017			
11/11/2025					0.00017 (J)			0.0029	<0.001
11/12/2025				<0.001			<0.001		
11/13/2025			<0.001						
2/9/2026					0.00029 (J)				0.00018 (J)
2/10/2026			0.00016 (J)	<0.001					
2/11/2026	0.0002 (J)					0.0021	0.0093	0.003	
2/12/2026		<0.001							

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

Time Series

Constituent: Beryllium (mg/L) Analysis Run 8/17/2026 12:56 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-35D	WGWC-35S	WGWC-36D	WGWC-36S	WGWC-37D	WGWC-37S	WGWC-38D	WGWC-38S	WGWC-39
8/20/2025							0.00024 (J)		
8/21/2025				0.0022		<0.001		<0.001	0.00034 (J)
8/26/2025	0.00024 (J)	<0.001	<0.001						
8/27/2025					<0.001				
11/10/2025			<0.001				<0.001		
11/11/2025					<0.001				
11/12/2025	<0.001	0.0083						<0.001	
11/13/2025				<0.001		0.0027			0.00041 (J)
2/9/2026					0.00016 (J)				
2/10/2026			<0.001			0.0027			0.00031 (J)
2/11/2026	<0.001			<0.001					
2/12/2026		<0.001					0.00029 (J)	<0.001	

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

Time Series

Constituent: Beryllium (mg/L) Analysis Run 8/17/2026 12:56 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-40	WGWC-41	WGWC-42	WGWC-8A	PZ-31
5/9/2024					0.00026 (J)
2/13/2025					0.00051 (J)
8/13/2025					<0.001
8/20/2025	0.00017 (J)		0.00042 (J)		
8/21/2025		0.00074 (J)			
11/10/2025			0.00032 (J)		
11/11/2025	<0.001				
1/8/2026			0.0002 (J)		
2/11/2026	0.00019 (J)	0.0034			
2/12/2026					0.00064 (J)
2/13/2026				0.0033	

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

Time Series

Constituent: Boron (mg/L) Analysis Run 8/17/2026 12:56 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWA-1 (bg)	WGWA-2 (bg)	WGWA-3 (bg)	WGWA-4 (bg)	WGWA-5 (bg)	WGWA-6 (bg)	WGWA-7 (bg)	WGWA-18 (bg)	WGWC-9
5/17/2016	<0.08	<0.08						<0.08	
5/18/2016			<0.08	<0.08	<0.08	<0.08	<0.08		
5/19/2016									0.314
7/19/2016	<0.08	<0.08			<0.08	<0.08	<0.08	<0.08	
7/20/2016			<0.08	<0.08					0.25
9/13/2016	<0.08	<0.08	<0.08	<0.08		<0.08	<0.08	<0.08	
9/14/2016					<0.08				0.3
11/9/2016	<0.08	<0.08				<0.08		<0.08	
11/10/2016			<0.08	<0.08			<0.08		
1/17/2017	<0.08	<0.08							
1/18/2017			<0.08	<0.08		<0.08	<0.08		
1/19/2017					<0.08			<0.08	
2/9/2017									0.61
3/13/2017	<0.08	<0.08							
3/14/2017			<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	
3/15/2017									0.42
4/11/2017									0.37
4/24/2017	<0.08	<0.08							
4/25/2017			<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	
4/26/2017									0.38
8/8/2017	<0.08	<0.08	<0.08			<0.08	<0.08	<0.08	
8/9/2017				<0.08	<0.08				
8/10/2017									0.29
8/25/2017					<0.08				
10/10/2017	<0.08	<0.08							
10/11/2017			<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	
10/12/2017									0.36
6/13/2018	<0.08				<0.08	<0.08		<0.08	
6/14/2018		<0.08	<0.08	<0.08			<0.08		0.39
9/24/2018		<0.08							
9/27/2018	<0.08								
9/28/2018								<0.08	
10/2/2018						<0.08			
10/3/2018			<0.08	<0.08	<0.08		<0.08		
10/4/2018									0.37
4/1/2019	<0.08	<0.08							
4/2/2019			<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	
4/3/2019									0.35
9/16/2019	<0.08				<0.08	<0.08			
9/17/2019		<0.08		<0.08				<0.08	
9/18/2019			<0.08				<0.08		
9/19/2019									0.39
3/16/2020	<0.08	0.048 (J)							
3/17/2020			<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	
3/19/2020									0.55
9/21/2020		<0.08	<0.08	<0.08					
9/22/2020	<0.08				<0.08	<0.08	<0.08	<0.08	
9/23/2020									0.68
3/10/2021		0.039 (J)	<0.08	<0.08	<0.08		<0.08	<0.08	
3/11/2021	<0.08					<0.08			
3/12/2021									0.64
8/23/2021		<0.08							

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

Time Series

Constituent: Boron (mg/L) Analysis Run 8/17/2026 12:56 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWA-1 (bg)	WGWA-2 (bg)	WGWA-3 (bg)	WGWA-4 (bg)	WGWA-5 (bg)	WGWA-6 (bg)	WGWA-7 (bg)	WGWA-18 (bg)	WGWC-9
8/24/2021	<0.08			<0.08	<0.08	<0.08	<0.08		
8/25/2021			<0.08					0.1	
8/26/2021									0.56
2/28/2022				<0.08					
3/1/2022	<0.08	<0.08	<0.08		<0.08	<0.08			
3/3/2022							<0.08	0.1	0.62
8/15/2022	<0.08	0.066 (J)			<0.08	<0.08			
8/16/2022			<0.08	<0.08			<0.08	<0.08	
8/17/2022									0.55
2/14/2023	0.026 (J)	0.023 (J)	<0.08		0.03 (J)	<0.08	0.033 (J)	<0.08	
2/15/2023				<0.08					0.69
8/14/2023	<0.08	<0.08							
8/15/2023			<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	
8/16/2023									0.6
2/13/2024	<0.08	<0.08	<0.08	<0.08		<0.08	<0.08	<0.08	
2/14/2024									0.56
2/16/2024					<0.08				
7/30/2024	<0.08	<0.08	<0.08	<0.08		<0.08	<0.08	<0.08	
8/1/2024									0.61
2/10/2025	<0.08	<0.08	<0.08						
2/11/2025				<0.08		<0.08	<0.08	<0.08	0.58
8/12/2025	<0.08	<0.08	<0.08	<0.08		<0.08		<0.08	
8/13/2025							<0.08		
8/19/2025									0.55
2/9/2026		<0.08	<0.08	<0.08		<0.08	<0.08		
2/10/2026	<0.08							<0.08	
2/13/2026									0.61

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

Time Series

Constituent: Boron (mg/L) Analysis Run 8/17/2026 12:56 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-10	WGWC-11	WGWC-12	WGWC-13	WGWC-14A	WGWC-15	WGWC-16	WGWC-17	WGWC-19
5/18/2016	<0.08					<0.08	4.48	<0.08	
5/19/2016		<0.08	<0.08	0.0252 (J)					
7/19/2016						<0.08	4.7		
7/20/2016	<0.08	<0.08	<0.08	<0.08				<0.08	
9/14/2016	<0.08	<0.08	<0.08	<0.08		<0.08	5.8	<0.08	
11/10/2016				<0.08		<0.08	6.7	<0.08	
11/11/2016	<0.08	<0.08	<0.08						<0.08
1/20/2017								<0.08	
1/24/2017						<0.08	6.3		
1/27/2017		0.021 (J)	0.047 (J)	0.033 (J)					
2/6/2017	<0.08								<0.08
2/8/2017					<0.08				
2/23/2017					<0.08				
3/14/2017						<0.08		<0.08	
3/15/2017	0.032 (J)	0.058	0.024 (J)	<0.08			5.9		0.034 (J)
3/17/2017					<0.08				
4/11/2017					<0.08				<0.08
4/25/2017						<0.08	6.2	<0.08	
4/26/2017	<0.08	<0.08	<0.08	<0.08	<0.08				<0.08
5/17/2017					<0.08				
6/7/2017					<0.08				<0.08
7/11/2017					<0.08				<0.08
8/9/2017				<0.08		<0.08	6.3	<0.08	
8/10/2017	<0.08	<0.08	<0.08						<0.08
10/11/2017					<0.08	<0.08	6.8	<0.08	
10/12/2017	<0.08	<0.08	<0.08	<0.08					<0.08
6/14/2018	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	5.4	<0.08	<0.08
10/3/2018						<0.08			
10/4/2018	<0.08	<0.08	<0.08	<0.08	<0.08		5.5	<0.08	<0.08
4/2/2019									<0.08
4/3/2019		<0.08	<0.08	<0.08	<0.08				
4/4/2019	0.024 (J)					<0.08	3.2	0.049 (J)	
9/18/2019				<0.08	<0.08	<0.08	2.1	<0.08	<0.08
9/19/2019	<0.08	<0.08	<0.08						
3/18/2020	0.049 (J)	<0.08	0.039 (J)			0.071 (J)	2	0.049 (J)	
3/19/2020				0.053 (J)	0.039 (J)				
5/4/2020									<0.08
9/23/2020	<0.08		<0.08			<0.08	1.5	<0.08	<0.08
9/24/2020		<0.08		<0.08	<0.08				
3/11/2021	<0.08			<0.08	<0.08		1.1	<0.08	<0.08
3/12/2021		<0.08	<0.08			<0.08			
8/25/2021		<0.08	<0.08	0.063 (J)	0.043 (J)		0.89	<0.08	
8/26/2021	<0.08					<0.08			<0.08
3/3/2022	<0.08	<0.08		<0.08	<0.08	<0.08	0.79		<0.08
3/4/2022			<0.08					<0.08	
8/16/2022		<0.08						<0.08	
8/17/2022						<0.08	0.73		<0.08
8/18/2022			<0.08	<0.08					
8/19/2022	<0.08				<0.08				
2/15/2023						<0.08	0.86		
2/16/2023	0.04 (J)	<0.08	0.024 (J)	0.033 (J)	0.03 (J)			<0.08	<0.08
8/15/2023							0.81		

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

Time Series

Constituent: Boron (mg/L) Analysis Run 8/17/2026 12:56 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-10	WGWC-11	WGWC-12	WGWC-13	WGWC-14A	WGWC-15	WGWC-16	WGWC-17	WGWC-19
8/16/2023		<0.08	<0.08	<0.08	<0.08	<0.08		<0.08	<0.08
8/17/2023	0.031 (J)								
2/14/2024			<0.08						
2/15/2024	<0.08			<0.08	<0.08	<0.08	0.74	0.027 (J)	<0.08
2/16/2024		<0.08							
7/30/2024							0.66		
7/31/2024	<0.08	<0.08	0.025 (J)	<0.08		<0.08		0.055 (J)	<0.08
8/2/2024					<0.08				
2/11/2025		<0.08	<0.08					<0.08	
2/12/2025				<0.08	0.027 (J)		0.56		
2/13/2025	<0.08					<0.08			<0.08
8/13/2025						<0.08		<0.08	
8/14/2025				<0.08	<0.08		0.56		<0.08
8/15/2025			<0.08						
8/18/2025		<0.08							
8/19/2025	<0.08								
2/10/2026	<0.08	<0.08		<0.08	<0.08	<0.08	0.49		
2/11/2026			<0.08					<0.08	<0.08

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

Time Series

Constituent: Boron (mg/L) Analysis Run 8/17/2026 12:56 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-20	WGWC-21	WGWC-22	WGWC-23	WGWC-24	WGWC-25	WGWC-27	WGWC-28D	WAMW-1
10/18/2018									<0.08
3/8/2021	1.3					0.48			
3/9/2021		0.19	0.33	0.073 (J)	1.8				
4/7/2021		0.13		<0.08	1.9				
4/8/2021	0.98		0.21			0.43			
8/26/2021	2.1	0.087	0.36	0.052 (J)	2.1	0.7			
1/11/2022		0.12	0.39	0.048 (J)	1.7	0.87			
1/12/2022	4.9								
3/3/2022		0.12			1.6				
3/4/2022	4.3		0.41	<0.08		0.72			
6/6/2022		0.13		<0.08	0.64				
6/7/2022	2.8		0.39			0.78			
8/16/2022		0.099							
8/17/2022				<0.08		0.82			
8/18/2022	2.2				0.44				
8/19/2022			0.33						
10/19/2022							0.098		
2/15/2023			0.39	0.049 (J)	1.4	0.89			
2/16/2023	3.5	0.14					0.22		
8/11/2023	3.1						0.35		
8/15/2023						0.57			
8/17/2023		0.12	0.33	<0.08	0.59				
9/26/2023								4.4	
11/7/2023								4.4	
2/13/2024	5.6								
2/14/2024			0.33		1			9.3	
2/15/2024		0.14		<0.08		0.29	0.26		
7/31/2024	5.7			0.076 (J)	0.54	0.76			
8/1/2024		0.11					0.22	8.5	
8/2/2024			0.31						
1/8/2025									<0.08
2/12/2025	7.4		0.32			0.36	0.19	9.9	0.58
2/13/2025		0.12		0.024 (J)	0.94				
8/13/2025						0.74			
8/14/2025	4							15	<0.08
8/18/2025			0.29		0.42		0.16		
8/19/2025		0.1		<0.08					
11/13/2025								1.6 (R)	
2/10/2026	4.9				0.81		0.16		
2/11/2026		0.081	0.29	<0.08		0.71			
2/12/2026								8.9	<0.08

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

Time Series

Constituent: Boron (mg/L) Analysis Run 8/17/2026 12:56 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WAMW-2	PZ-26D	WGWC-30	WGWC-31D	WGWC-31S	WGWC-32	WGWC-33	WGWC-34D	WGWC-34S
10/16/2018	<0.08								
3/9/2021		0.22							
4/7/2021		0.15							
8/17/2023		0.08							
2/15/2024		0.072 (J)							
8/1/2024		0.077 (J)							
12/9/2024	<0.08								
2/12/2025	<0.08								
2/13/2025		0.078 (J)							
8/13/2025		0.074 (J)							
8/19/2025	<0.08								
8/20/2025			<0.08		<0.08	0.21	0.95		
8/21/2025				<0.08				7.1	
8/25/2025									<0.08
11/10/2025						0.3			
11/11/2025					0.055 (J)			8.1	<0.08
11/12/2025				<0.08			0.99		
11/13/2025			<0.08						
2/9/2026					<0.08				<0.08
2/10/2026			<0.08	<0.08					
2/11/2026	<0.08					0.3	1.1	8.4	
2/12/2026		0.066 (J)							

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

Time Series

Constituent: Boron (mg/L) Analysis Run 8/17/2026 12:56 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-35D	WGWC-35S	WGWC-36D	WGWC-36S	WGWC-37D	WGWC-37S	WGWC-38D	WGWC-38S	WGWC-39
8/20/2025							45		
8/21/2025				<0.08		2.6		0.031 (J)	<0.08
8/26/2025	<0.08	<0.08	<0.08						
8/27/2025					0.078 (J)				
11/10/2025			0.028 (J)				49		
11/11/2025					0.083				
11/12/2025	<0.08	<0.08						0.028 (J)	
11/13/2025				<0.08		2.4			<0.08
2/9/2026					0.095				
2/10/2026			<0.08			2.7			<0.08
2/11/2026	<0.08			<0.08					
2/12/2026		<0.08					48	0.076 (J)	

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

Time Series

Constituent: Boron (mg/L) Analysis Run 8/17/2026 12:56 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-40	WGWC-41	WGWC-42	WGWC-8A	PZ-31
5/9/2024					<0.08
2/13/2025					0.04 (J)
8/13/2025					<0.08
8/20/2025	<0.08		<0.08		
8/21/2025		0.06 (J)			
11/10/2025			<0.08		
11/11/2025	0.055 (J)				
1/8/2026			<0.08		
2/11/2026	<0.08	0.031 (J)			
2/12/2026					<0.08
2/13/2026				0.25	

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

Time Series

Constituent: Cadmium (mg/L) Analysis Run 8/17/2026 12:56 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWA-1 (bg)	WGWA-2 (bg)	WGWA-3 (bg)	WGWA-4 (bg)	WGWA-5 (bg)	WGWA-6 (bg)	WGWA-7 (bg)	WGWA-18 (bg)	WGWC-9
5/17/2016	<0.0007	<0.0007						<0.0007	
5/18/2016			<0.0007	<0.0007	<0.0025	<0.0007	<0.0007		
5/19/2016									<0.0007
7/19/2016	<0.0007	<0.0007			<0.0025	<0.0007	<0.0007	<0.0007	
7/20/2016			<0.0007	<0.0007					<0.0007
9/13/2016	<0.0007	<0.0007	<0.0007	<0.0007		<0.0007	<0.0007	<0.0007	
9/14/2016					<0.0025				<0.0007
11/9/2016	<0.0007	<0.0007				<0.0007		<0.0007	
11/10/2016			<0.0007	<0.0007			<0.0007		
1/17/2017	<0.0007	<0.0007							
1/18/2017			<0.0007	<0.0007		<0.0007	<0.0007		
1/19/2017					<0.0025			<0.0007	
2/9/2017									<0.0007
3/13/2017	<0.0007	<0.0007							
3/14/2017			<0.0007	<0.0007	<0.0025	<0.0007	<0.0007	<0.0007	
3/15/2017									<0.0007
4/11/2017									<0.0007
4/24/2017	<0.0007	<0.0007							
4/25/2017			<0.0007	<0.0007	<0.0025	<0.0007	<0.0007	<0.0007	
4/26/2017									<0.0007
8/8/2017	<0.0007	<0.0007	<0.0007			<0.0007	<0.0007	<0.0007	
8/9/2017				<0.0007	<0.0025				
8/10/2017									<0.0007
8/25/2017					<0.0025				
3/27/2018	<0.0007	<0.0007							
3/28/2018			<0.0007	<0.0007	<0.0025	<0.0007	<0.0007	<0.0007	
3/29/2018									<0.0007
6/13/2018	<0.0007				<0.0025	<0.0007		<0.0007	
6/14/2018		<0.0007	<0.0007	<0.0007			<0.0007		<0.0007
9/24/2018		<0.0007							
9/27/2018	<0.0007								
9/28/2018								<0.0007	
10/2/2018						<0.0007			
10/3/2018			<0.0007	<0.0007	<0.0025		<0.0007		
10/4/2018									<0.0007
2/25/2019	<0.0007	<0.0007							
2/26/2019			<0.0007	<0.0007	<0.0025	<0.0007	<0.0007	<0.0007	
2/28/2019									<0.0007
4/1/2019	<0.0007	<0.0007							
4/2/2019			<0.0007	<0.0007	<0.0025	<0.0007	<0.0007	<0.0007	
4/3/2019									<0.0007
9/16/2019	<0.0007				<0.0025	<0.0007			
9/17/2019		<0.0007		<0.0007				<0.0007	
9/18/2019			<0.0007				<0.0007		
9/19/2019									<0.0007
2/3/2020	<0.0007	<0.0007							
2/4/2020			<0.0007	<0.0007	<0.0025	<0.0007			
2/5/2020							<0.0007	<0.0007	<0.0007
3/16/2020	<0.0007	<0.0007							
3/17/2020			<0.0007	<0.0007	<0.0025	<0.0007	<0.0007	<0.0007	
3/19/2020									<0.0007
9/21/2020		<0.0007	<0.0007	<0.0007					

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

Time Series

Constituent: Cadmium (mg/L) Analysis Run 8/17/2026 12:56 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWA-1 (bg)	WGWA-2 (bg)	WGWA-3 (bg)	WGWA-4 (bg)	WGWA-5 (bg)	WGWA-6 (bg)	WGWA-7 (bg)	WGWA-18 (bg)	WGWC-9
9/22/2020	<0.0007				<0.0025	<0.0007	<0.0007	<0.0007	
9/23/2020									<0.0007
2/2/2021	<0.0007	<0.0007	<0.0007	<0.0007			<0.0007	<0.0007	
2/3/2021					<0.0025	<0.0007			
2/4/2021									<0.0007
2/28/2022				<0.0007					
3/1/2022	<0.0007	<0.0007	<0.0007		<0.0025	<0.0007			
3/3/2022							<0.0007	<0.0007	<0.0007
8/15/2022	<0.0007	<0.0007			<0.0025	<0.0007			
8/16/2022			<0.0007	<0.0007			<0.0007	<0.0007	
8/17/2022									<0.0007
2/14/2023	<0.0007	<0.0007	<0.0007		<0.0025	<0.0007	<0.0007	<0.0007	
2/15/2023				<0.0007					<0.0007
8/14/2023	<0.0007	<0.0007							
8/15/2023			<0.0007	<0.0007	<0.0025	<0.0007	<0.0007	<0.0007	
8/16/2023									<0.0007
2/13/2024	<0.0007	<0.0007	<0.0007	<0.0007		<0.0007	<0.0007	<0.0007	
2/14/2024									<0.0007
2/16/2024					<0.0025				
7/30/2024	<0.0007	<0.0007	<0.0007	<0.0007		<0.0007	<0.0007	<0.0007	
8/1/2024									<0.0007
2/10/2025	<0.0007	<0.0007	<0.0007						
2/11/2025				<0.0007		<0.0007	<0.0007	<0.0007	<0.0007
8/12/2025	<0.0007	<0.0007	<0.0007	<0.0007		<0.0007		<0.0007	
8/13/2025							<0.0007		
8/19/2025									<0.0007
2/9/2026		<0.0007	<0.0007	<0.0007		<0.0007	<0.0007		
2/10/2026	<0.0007							<0.0007	
2/13/2026									<0.0007

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

Time Series

Constituent: Cadmium (mg/L) Analysis Run 8/17/2026 12:56 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-10	WGWC-11	WGWC-12	WGWC-13	WGWC-14A	WGWC-15	WGWC-16	WGWC-17	WGWC-19
5/18/2016	<0.0007					<0.0007	0.000362 (J)	<0.0007	
5/19/2016		<0.0007	<0.0007	<0.0007					
7/19/2016						<0.0007	<0.0007		
7/20/2016	<0.0007	<0.0007	<0.0007	<0.0007				<0.0007	
9/14/2016	<0.0007	<0.0007	<0.0007	<0.0007		<0.0007	0.00037 (J)	<0.0007	
11/10/2016				<0.0007		<0.0007	<0.0007	<0.0007	
11/11/2016	<0.0007	<0.0007	<0.0007						<0.0007
1/20/2017								<0.0007	
1/24/2017						<0.0007	0.00055 (J)		
1/27/2017		<0.0007	<0.0007	<0.0007					
2/6/2017	<0.0007								<0.0007
2/8/2017					<0.0007				
2/23/2017					<0.0007				
3/14/2017						<0.0007		<0.0007	
3/15/2017	<0.0007	<0.0007	<0.0007	<0.0007			0.00067 (J)		<0.0007
3/17/2017					<0.0007				
4/11/2017					<0.0007				<0.0007
4/25/2017						<0.0007	0.00058 (J)	<0.0007	
4/26/2017	<0.0007	<0.0007	<0.0007	<0.0007	<0.0007				<0.0007
5/17/2017					<0.0007				
6/7/2017					<0.0007				<0.0007
7/11/2017					<0.0007				<0.0007
8/9/2017				<0.0007		<0.0007	0.00054 (J)	<0.0007	
8/10/2017	<0.0007	<0.0007	<0.0007						<0.0007
3/29/2018		<0.0007	<0.0007	<0.0007	<0.0007		0.00082 (J)		<0.0007
3/30/2018	<0.0007					<0.0007		<0.0007	
6/14/2018	<0.0007	<0.0007	<0.0007	<0.0007	<0.0007	<0.0007	0.0007 (J)	<0.0007	<0.0007
10/3/2018						<0.0007			
10/4/2018	<0.0007	<0.0007	<0.0007	<0.0007	<0.0007		0.00065 (J)	<0.0007	<0.0007
2/26/2019								<0.0007	
2/27/2019	<0.0007	<0.0007	<0.0007	<0.0007	<0.0007	<0.0007	0.00055 (J)		
2/28/2019									<0.0007
4/2/2019									<0.0007
4/3/2019		<0.0007	<0.0007	<0.0007	<0.0007				
4/4/2019	<0.0007					<0.0007	0.00047 (J)	<0.0007	
9/18/2019				<0.0007	<0.0007	<0.0007	0.00017 (J)	<0.0007	<0.0007
9/19/2019	0.00021 (J)	<0.0007	<0.0007						
2/5/2020	<0.0007	<0.0007	<0.0007	<0.0007	<0.0007				
2/7/2020						<0.0007	<0.0007	<0.0007	<0.0007
3/18/2020	<0.0007	<0.0007	<0.0007			<0.0007	0.00022 (J)	<0.0007	
3/19/2020				<0.0007	<0.0007				
5/4/2020									<0.0007
9/23/2020	<0.0007		<0.0007			<0.0007	<0.0007	<0.0007	<0.0007
9/24/2020		<0.0007		<0.0007	<0.0007				
2/3/2021		<0.0007	<0.0007						<0.0007
2/4/2021	<0.0007			<0.0007	<0.0007	<0.0007	<0.0007	<0.0007	
3/3/2022	<0.0007	<0.0007		<0.0007	<0.0007	<0.0007	<0.0007		<0.0007
3/4/2022			<0.0007					<0.0007	
8/16/2022		<0.0007						<0.0007	
8/17/2022						<0.0007	<0.0007		<0.0007
8/18/2022			<0.0007	<0.0007					
8/19/2022	<0.0007				<0.0007				

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

Time Series

Constituent: Cadmium (mg/L) Analysis Run 8/17/2026 12:56 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-10	WGWC-11	WGWC-12	WGWC-13	WGWC-14A	WGWC-15	WGWC-16	WGWC-17	WGWC-19
2/15/2023						<0.0007	8.5E-05 (J)		
2/16/2023	<0.0007	<0.0007	<0.0007	<0.0007	<0.0007			<0.0007	<0.0007
8/15/2023							<0.0007		
8/16/2023		<0.0007	<0.0007	<0.0007	<0.0007	<0.0007		<0.0007	<0.0007
8/17/2023	<0.0007								
2/14/2024			<0.0007						
2/15/2024	<0.0007			<0.0007	<0.0007	<0.0007	<0.0007	<0.0007	<0.0007
2/16/2024		<0.0007							
7/30/2024							<0.0007		
7/31/2024	<0.0007	<0.0007	<0.0007	<0.0007		<0.0007		<0.0007	<0.0007
8/2/2024					<0.0007				
2/11/2025		<0.0007	<0.0007					<0.0007	
2/12/2025				<0.0007	<0.0007		<0.0007		
2/13/2025	<0.0007					<0.0007			<0.0007
8/13/2025						<0.0007		<0.0007	
8/14/2025				<0.0007	<0.0007		<0.0007		<0.0007
8/15/2025			<0.0007						
8/18/2025		<0.0007							
8/19/2025	<0.0007								
2/10/2026	<0.0007	<0.0007		<0.0007	<0.0007	<0.0007	<0.0007		
2/11/2026			<0.0007					<0.0007	<0.0007

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

Time Series

Constituent: Cadmium (mg/L) Analysis Run 8/17/2026 12:56 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-20	WGWC-21	WGWC-22	WGWC-23	WGWC-24	WGWC-25	WGWC-27	WGWC-28D	WAMW-1
10/18/2018									<0.0007
8/26/2021	<0.0007	<0.0007	<0.0007	<0.0007	0.00061 (J)	<0.0007			
1/11/2022		<0.0007	<0.0007	<0.0007	0.0004 (J)	<0.0007			
1/12/2022	0.00026 (J)								
3/3/2022		<0.0007			0.0003 (J)				
3/4/2022	<0.0007		0.00025 (J)	<0.0007		<0.0007			
6/6/2022		<0.0007		<0.0007	0.0003 (J)				
6/7/2022	<0.0007		<0.0007			<0.0007			
8/16/2022		<0.0007							
8/17/2022				<0.0007		0.00012 (J)			
8/18/2022	<0.0007				0.00015 (J)				
8/19/2022			9E-05 (J)						
10/19/2022							<0.0007		
2/15/2023			0.00028 (J)	<0.0007	0.00057 (J)	0.0001 (J)			
2/16/2023	0.00057 (J)	<0.0007					8E-05 (J)		
8/11/2023	0.00019 (J)						<0.0007		
8/15/2023						<0.0007			
8/17/2023		<0.0007	<0.0007	<0.0007	9.5E-05 (J)				
9/26/2023								<0.0007	
2/13/2024	0.00042 (J)								
2/14/2024			0.00013 (J)		0.00023 (J)			<0.0007	
2/15/2024		<0.0007		<0.0007		<0.0007	<0.0007		
7/31/2024	0.00022 (J)			<0.0007	0.0001 (J)	<0.0007			
8/1/2024		<0.0007					<0.0007	<0.0007	
8/2/2024			<0.0007						
2/12/2025	0.00045 (J)		0.00011 (J)			<0.0007	<0.0007	<0.0007	<0.0007
2/13/2025		<0.0007		<0.0007	0.00018 (J)				
8/13/2025						<0.0007			
8/14/2025	<0.0007							<0.0007	<0.0007
8/18/2025			<0.0007		<0.0007		<0.0007		
8/19/2025		<0.0007		<0.0007					
2/10/2026	0.00031 (J)				<0.0007		<0.0007		
2/11/2026		<0.0007	<0.0007	<0.0007		<0.0007			
2/12/2026								<0.0007	<0.0007

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

Time Series

Constituent: Cadmium (mg/L) Analysis Run 8/17/2026 12:56 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WAMW-2	PZ-26D	WGWC-30	WGWC-31D	WGWC-31S	WGWC-32	WGWC-33	WGWC-34D	WGWC-34S
10/16/2018	<0.0007								
8/17/2023		<0.0007							
2/15/2024		<0.0007							
8/1/2024		<0.0007							
2/12/2025	<0.0007								
2/13/2025		<0.0007							
8/13/2025		<0.0007							
8/19/2025	<0.0007								
8/20/2025			<0.0007		<0.0007	<0.0007	0.0021		
8/21/2025				<0.0007				0.004	
8/25/2025									<0.0007
11/10/2025						<0.0007			
11/11/2025					<0.0007			0.0028	<0.0007
11/12/2025				<0.0007			<0.0007		
11/13/2025			<0.0007						
2/9/2026					<0.0007				<0.0007
2/10/2026			<0.0007	<0.0007					
2/11/2026	<0.0007					<0.0007	0.002	0.0029	
2/12/2026		<0.0007							

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

Time Series

Constituent: Cadmium (mg/L) Analysis Run 8/17/2026 12:56 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-35D	WGWC-35S	WGWC-36D	WGWC-36S	WGWC-37D	WGWC-37S	WGWC-38D	WGWC-38S	WGWC-39
8/20/2025							0.013		
8/21/2025				<0.0007		<0.0007		<0.0007	<0.0007
8/26/2025	<0.0007	<0.0007	<0.0007						
8/27/2025					<0.0007				
11/10/2025			<0.0007				0.0062		
11/11/2025					<0.0007				
11/12/2025	<0.0007	0.0027						<0.0007	
11/13/2025				<0.0007		0.0045			<0.0007
2/9/2026					<0.0007				
2/10/2026			<0.0007			0.0029			<0.0007
2/11/2026	<0.0007			<0.0007					
2/12/2026		<0.0007					0.0049	<0.0007	

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

Time Series

Constituent: Cadmium (mg/L) Analysis Run 8/17/2026 12:56 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-40	WGWC-41	WGWC-42	WGWC-8A	PZ-31
2/13/2025					<0.0007
8/13/2025					<0.0007
8/20/2025	<0.0007		<0.0007		
8/21/2025		<0.0007			
11/10/2025			<0.0007		
11/11/2025	<0.0007				
1/8/2026			<0.0007		
2/11/2026	<0.0007	<0.0007			
2/12/2026					<0.0007
2/13/2026				<0.0007	

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

Time Series

Constituent: Calcium (mg/L) Analysis Run 8/17/2026 12:56 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWA-1 (bg)	WGWA-2 (bg)	WGWA-3 (bg)	WGWA-4 (bg)	WGWA-5 (bg)	WGWA-6 (bg)	WGWA-7 (bg)	WGWA-18 (bg)	WGWC-9
5/17/2016	0.927	12.2						23.7	
5/18/2016			2.1	17.9	1.7	27	1.36		
5/19/2016									8.53
7/19/2016	1	13			1.5	23	0.88	23	
7/20/2016			1.7	15					8.2
9/13/2016	0.44	13	1.3	16		25	0.93	23	
9/14/2016					52				8.8
11/9/2016	1.1	19				25		6.7	
11/10/2016			1.6	15			6.1		
1/17/2017	1.4	28							
1/18/2017			1.7	17		26	10		
1/19/2017					13			8.5	
2/9/2017									10
3/13/2017	1.1	14							
3/14/2017			1.8	17	1.6	20	1.3	13	
3/15/2017									8.6
4/11/2017									8.6
4/24/2017	1.1	12							
4/25/2017			2	17	1.5	28	1.9	23	
4/26/2017									7.1
8/8/2017	1.1	18	2			26	4.8	24	
8/9/2017				15	1.3				
8/10/2017									7.5
8/25/2017					1.5				
10/10/2017	1.2	21							
10/11/2017			2.1	17	1.5	29	0.93	23	
10/12/2017									8.2
3/27/2018	1.2	15							
3/28/2018			1.8	15	1.1	26	0.9	24	
3/29/2018									7.6
6/13/2018	1.1				1.2	25		11	
6/14/2018		12	2	15			0.94		7.5
9/24/2018		11							
9/27/2018	1.2								
9/28/2018								11	
10/2/2018						26			
10/3/2018			1.8	16	1.4		1.2		
10/4/2018									8
4/1/2019	1	12							
4/2/2019			1.8	15	1.1	25	1.1	20	
4/3/2019									7.2
9/16/2019	1.3				36	25			
9/17/2019		13		16				10	
9/18/2019			1.6				1.5		
9/19/2019									8.1
3/16/2020	1.1	10							
3/17/2020			1.7	15	1.4	26	0.82	10	
3/19/2020									9.3
9/21/2020		13	1.8	16					
9/22/2020	1.2				58	25	0.89	19	
9/23/2020									10
3/10/2021		11	1.9	16	1.3		0.89	7.7	

Time Series

Constituent: Calcium (mg/L) Analysis Run 8/17/2026 12:56 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWA-1 (bg)	WGWA-2 (bg)	WGWA-3 (bg)	WGWA-4 (bg)	WGWA-5 (bg)	WGWA-6 (bg)	WGWA-7 (bg)	WGWA-18 (bg)	WGWC-9
3/11/2021	1.3					26			
3/12/2021									11
8/23/2021		13							
8/24/2021	1.2			15	47	26	1.7		
8/25/2021			1.7					16	
8/26/2021									9.3
2/28/2022				14					
3/1/2022	1.1	13	1.6		2.1	22			
3/3/2022							1.4	6.1	8.6
8/15/2022	1.2	12			51	24			
8/16/2022			1.8	16			0.94	8.8	
8/17/2022									9
2/14/2023	1.4	12	2		1.3	29	1.3	5.7	
2/15/2023				18					11
8/14/2023	1.5	14							
8/15/2023			1.9	17	26	27	1.8	8.3	
8/16/2023									11
2/13/2024	1.3	12	1.7	17		27	11	4.6	
2/14/2024									9.1
2/16/2024					0.92				
7/30/2024	1.4	16	1.9	18		29	1.6	15	
8/1/2024									10
2/10/2025	1.4	16	1.8						
2/11/2025				17		27	8.7	4.4	9.6
8/12/2025	1.3	12	1.8	16		26		6.6	
8/13/2025							1.1		
8/19/2025									10
2/9/2026		15	1.9	17		27	1.6		
2/10/2026	1.4							5.9	
2/13/2026									12

Time Series

Constituent: Calcium (mg/L) Analysis Run 8/17/2026 12:56 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-10	WGWC-11	WGWC-12	WGWC-13	WGWC-14A	WGWC-15	WGWC-16	WGWC-17	WGWC-19
5/18/2016	7.17					32.5	168	8.24	
5/19/2016		1.95	15.8	11.4					
7/19/2016						30	190		
7/20/2016	7	1.5	14	7.1				11	
9/14/2016	7.7	1.8	16	7.4		37	230	12	
11/10/2016				6.4		29	240	11	
11/11/2016	8.2	1.7	15						12
1/20/2017								10	
1/24/2017						28	280		
1/27/2017		3.5	16	6.2					
2/6/2017	9.1								11
2/8/2017					3.2				
2/23/2017					4.1				
3/14/2017						29		8.8	
3/15/2017	9	3.8	16	6.7			260		10
3/17/2017					2.4				
4/11/2017					4.1				11
4/25/2017						32	300	12	
4/26/2017	8.1	4	3	6.5	2.5				8.4
5/17/2017					5.2				
6/7/2017					5.2				9
7/11/2017					2.3				9.5
8/9/2017				7		30	350	11	
8/10/2017	8.1	3.5	15						8.8
10/11/2017					3.8	31	360	10	
10/12/2017	8.6	2.7	16	7					9.5
3/29/2018		3.9	14	7	1.2		330		10
3/30/2018	9					31		7.2	
6/14/2018	7.7	2.2	13	5.5	1.1	29	260	6.2	8.9
10/3/2018						31			
10/4/2018	8.5	2	15	5.9	2		250	6.4	10
4/2/2019									11
4/3/2019		1.7	14	4.7	0.84				
4/4/2019	7.9					30	110	5.6	
9/18/2019				4.9	0.85	31	62	5.5	8.8
9/19/2019	7.5	1.4	14						
3/18/2020	7.5	1.6	14			30	66	6.3	
3/19/2020				5	0.89				
5/4/2020									15
9/23/2020	7.7		13			32	43	5.9	13
9/24/2020		5.2		1.4	0.99				
3/11/2021	7.9			4	0.79		32	5.7	15
3/12/2021		1.6	15			31			
8/25/2021		1.5	14	4	0.7		27	6	
8/26/2021	7.6					31			10
3/3/2022	7.1	1.3		3.4	0.65	28	24		12
3/4/2022			12					5.3	
8/16/2022		1.6						5.6	
8/17/2022						29	20		9.8
8/18/2022			13	3.5					
8/19/2022	7.3				0.64				
2/15/2023						31	26		

Time Series

Constituent: Calcium (mg/L) Analysis Run 8/17/2026 12:56 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-10	WGWC-11	WGWC-12	WGWC-13	WGWC-14A	WGWC-15	WGWC-16	WGWC-17	WGWC-19
2/16/2023	6.9	1.7	12	3.8	0.69			6	13
8/15/2023							23		
8/16/2023		1.7	15	4.1	0.7	32		6.3	14
8/17/2023	8								
2/14/2024			13						
2/15/2024	7.7			3.7	0.66	31	20	6.2	14
2/16/2024		1.6							
7/30/2024							20		
7/31/2024	8	1.8	14	3.8		32		6.8	12
8/2/2024					0.68				
2/11/2025		1.7	14					5.8	
2/12/2025				3.8	0.77		15		
2/13/2025	8					30			13
8/13/2025						31		6.4	
8/14/2025				3.6	0.7		17		12
8/15/2025			15						
8/18/2025		1.6							
8/19/2025	7.8								
2/10/2026	8.1	1.8		5.7	0.67	31	15		
2/11/2026			14					6.7	12

Time Series

Constituent: Calcium (mg/L) Analysis Run 8/17/2026 12:56 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-20	WGWC-21	WGWC-22	WGWC-23	WGWC-24	WGWC-25	WGWC-27	WGWC-28D	WAMW-1
10/18/2018									19
3/8/2021	90					14			
3/9/2021		66	15	3.2	65				
4/7/2021		67		2.7	71				
4/8/2021	88		14			16			
8/26/2021	120	51	24	4.6	69	16			
1/11/2022		57	32	3.1	51	16			
1/12/2022	220								
3/3/2022		54			42				
3/4/2022	200		31	4		16			
6/6/2022		58		4.5	22				
6/7/2022	140		19			15			
8/16/2022		55							
8/17/2022				4.6		15			
8/18/2022	110				16				
8/19/2022			18						
10/19/2022							5.9		
2/15/2023			26	2.4	39	18			
2/16/2023	190	68					19		
8/11/2023	150						25		
8/15/2023						28			
8/17/2023		63	16	4.2	18				
9/26/2023								270	
11/7/2023								310	
2/13/2024	210								
2/14/2024			21		24			390	
2/15/2024		73		2.5		29	22		
7/31/2024	220			4.2	14	29			
8/1/2024		69					20	350	
8/2/2024			14						
1/8/2025									22
2/12/2025	230		13			31	16	340	16
2/13/2025		64		4.4	20				
8/13/2025						19			
8/14/2025	160							550	22
8/18/2025			12		11		15		
8/19/2025		60		2.8					
11/13/2025								93 (R)	
2/10/2026	170				19		15		
2/11/2026		50	13	2.7		18			
2/12/2026								330	21

Time Series

Constituent: Calcium (mg/L) Analysis Run 8/17/2026 12:56 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WAMW-2	PZ-26D	WGWC-30	WGWC-31D	WGWC-31S	WGWC-32	WGWC-33	WGWC-34D	WGWC-34S
10/16/2018	18								
3/9/2021		17							
4/7/2021		18							
8/17/2023		16							
2/15/2024		15							
8/1/2024		18							
12/9/2024	21								
2/12/2025	25								
2/13/2025		13							
8/13/2025		18							
8/19/2025	18								
8/20/2025			0.25		2.1	7.3	86		
8/21/2025				24				13	
8/25/2025									1.9
11/10/2025						7.5			
11/11/2025					1.4			73	1.7
11/12/2025				26			93		
11/13/2025			0.24						
2/9/2026					1.6				1.8
2/10/2026			0.28	28					
2/11/2026	18					10	98	100	
2/12/2026		14							

Time Series

Constituent: Calcium (mg/L) Analysis Run 8/17/2026 12:56 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-35D	WGWC-35S	WGWC-36D	WGWC-36S	WGWC-37D	WGWC-37S	WGWC-38D	WGWC-38S	WGWC-39
8/20/2025							950		
8/21/2025				28		28		47	0.56
8/26/2025	46	40	6.6						
8/27/2025					16				
11/10/2025			6.3				1000		
11/11/2025					13				
11/12/2025	42	48						32	
11/13/2025				28		26			0.42
2/9/2026					14				
2/10/2026			7.7			30			0.88
2/11/2026	54			27					
2/12/2026		50					1000	60	

Time Series

Constituent: Calcium (mg/L) Analysis Run 8/17/2026 12:56 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-40	WGWC-41	WGWC-42	WGWC-8A	PZ-31
5/9/2024					4
2/13/2025					1.6
8/13/2025					1.6
8/20/2025	0.77		0.27		
8/21/2025		7.3			
11/10/2025			0.23		
11/11/2025	0.2				
1/8/2026			1.1		
2/11/2026	0.064 (J)	23			
2/12/2026					1.8
2/13/2026				36	

Time Series

Constituent: Chloride (mg/L) Analysis Run 8/17/2026 12:56 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWA-1 (bg)	WGWA-2 (bg)	WGWA-3 (bg)	WGWA-4 (bg)	WGWA-5 (bg)	WGWA-6 (bg)	WGWA-7 (bg)	WGWA-18 (bg)	WGWC-9
5/17/2016	3.8	2.5						6.05	
5/18/2016			1.92	1.45	2.14	1.58	2.06		
5/19/2016									1.46
7/19/2016	3.9	2.6			2.4	1.6	2.1	4	
7/20/2016			1.8	1.4					1.5
9/13/2016	3.6	2.4	1.7	1.4		1.4	2	3.1	
9/14/2016					2.1				1.4
11/9/2016	3.9	2.3				1.5		2.3	
11/10/2016			1.6	1.3			1.8		
1/17/2017	3.8	2.3							
1/18/2017			1.7	1.3		1.5	1.8		
1/19/2017					1.8			2	
2/9/2017									1.5
3/13/2017	3.4	2.2							
3/14/2017			1.6	1.2	2	2.5	1.8	1.9	
3/15/2017									1.3
4/11/2017									1.2
4/24/2017	3.4	2.2							
4/25/2017			1.6	1.2	1.8	1.3	1.8	1.9	
4/26/2017									1.2
8/8/2017	3.6	2.3	1.7			1.4	1.9	2	
8/9/2017				1.2	1.9				
8/10/2017									1.3
8/25/2017					2				
10/10/2017	3.6	2.5							
10/11/2017			1.6	1.2	2.1	1.3	1.8	1.9	
10/12/2017									1.4
3/27/2018	3.6	2.2							
3/28/2018			1.6	1.1	1.4	1.3	1.8	2.2	
3/29/2018									1.2
6/13/2018	3.8				1.7	1.4		2	
6/14/2018		2.3	1.6	1.2			1.7		1.2
9/24/2018		2.4							
9/27/2018	4								
9/28/2018								2.1	
10/2/2018						1.4			
10/3/2018			1.6	1.2	1.8		1.8		
10/4/2018									1.2
4/1/2019	4	2.4							
4/2/2019			1.7	1.2	1.7	1.5	1.9	2.6	
4/3/2019									2
9/16/2019	4				1.8	1.5			
9/17/2019		2.4		1.2				2	
9/18/2019			1.7				2		
9/19/2019									1.5
3/16/2020	4.3	2.7							
3/17/2020			1.8	1.4	1.6	1.7	2.2	2.3	
3/19/2020									2.1
9/21/2020		2.5	1.5	1.2					
9/22/2020	4				1.5	1.4	1.8	2.1	
9/23/2020									2.4
3/10/2021		2.6	1.8	1.2	1.8		1.9	1.9	

Time Series

Constituent: Chloride (mg/L) Analysis Run 8/17/2026 12:56 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWA-1 (bg)	WGWA-2 (bg)	WGWA-3 (bg)	WGWA-4 (bg)	WGWA-5 (bg)	WGWA-6 (bg)	WGWA-7 (bg)	WGWA-18 (bg)	WGWC-9
3/11/2021	4.5					1.5			
3/12/2021									3.4
8/23/2021		3.3							
8/24/2021	5.1			1.5	2.1	1.8	1.9		
8/25/2021			1.9					2.3	
8/26/2021									3.1
2/28/2022				1.2					
3/1/2022	4.1	2.7	1.8		1.5	1.5			
3/3/2022							2.1	2	3.5
8/15/2022	4	2.7			1.5	1.5			
8/16/2022			1.6	1.2			1.9	1.9	
8/17/2022									3.2
2/14/2023	3.9	2.6	1.6		1.3	1.5	1.8	1.9	
2/15/2023				1.2					3.9
8/14/2023	3.8	2.5							
8/15/2023			1.6	1.2	1.2	1.4	1.7	1.8	
8/16/2023									3.3
2/13/2024	3.5	2.4	1.5	1.1		1.4	1.6	1.7	
2/14/2024									3.2
2/16/2024					1.6				
7/30/2024	3.9	2.9	1.8	1.8		1.8	2	2.1	
8/1/2024									4.3
2/10/2025	4.6	3.3	2						
2/11/2025				1.7		1.8	2.4	2.5	2
8/12/2025	3.3	2.6	1.5	<5		1.4		2.2	
8/13/2025							1.9		
8/19/2025									5.4
2/9/2026		3.1	1.9	1.5		1.8	2.1		
2/10/2026	4.3							2.4	
2/13/2026									5.9

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

Time Series

Constituent: Chloride (mg/L) Analysis Run 8/17/2026 12:56 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-10	WGWC-11	WGWC-12	WGWC-13	WGWC-14A	WGWC-15	WGWC-16	WGWC-17	WGWC-19
5/18/2016	1.45					4.59	217	2.72	
5/19/2016		3.21	3.8	2.26					
7/19/2016						5.9	250		
7/20/2016	1.6	3.4	3.8	1.9				1.9	
9/14/2016	1.5	3.1	3.7	1.6		7.9	260	1.6	
11/10/2016				1.4		6.5	290	1.6	
11/11/2016	1.5	3.2	3.5						2.6
1/20/2017								1.5	
1/24/2017						4.1	310		
1/27/2017		3.4	3.1	1.4					
2/6/2017	1.4								2.6
2/8/2017					2.5				
2/23/2017					4.3				
3/14/2017						4.4		1.5	
3/15/2017	1.4	3.1	3.2	1.4			330		2.4
3/17/2017					4.8				
4/11/2017					3.8				2.3
4/25/2017						4	330	1.8	
4/26/2017	1.3	3.1	3.2	1.3	4.8				2.3
5/17/2017					3.9				
6/7/2017					3.2				2.5
7/11/2017					4.1				2.3
8/9/2017				1.4		3.6	330	1.4	
8/10/2017	1.4	3.1	3.4						2.5
10/11/2017					2.2	5	320	1.5	
10/12/2017	1.3	3	3.1	1.2					2.3
3/29/2018		3.1	3.1	1.2	2.5		330		2.3
3/30/2018	1.3					4.2		1.5	
6/14/2018	1.3	3	3	1.2	2.8	4.3	290	1.5	2.4
10/3/2018						4.8			
10/4/2018	1.3	3.1	3.1	1.2	2.2		290	1.5	2.6
4/2/2019									2.5
4/3/2019		3.3	3	1.2	2.4				
4/4/2019	1.4					3.7	170	1.4	
9/18/2019				1.2	2.2	3.2	100	1.5	2.7
9/19/2019	1.5	3.2	3.2						
3/18/2020	1.5	3.2	3.2			1.7	93	1.5	
3/19/2020				1.3	1.9				
5/4/2020									2.8
9/23/2020	1.3		2.8			1.5	58	1.2	2.6
9/24/2020		1		1.6	3.1				
3/11/2021	1.7			1.2	2.6		49	1.3	2.9
3/12/2021		3.6	3.5			1.6			
8/25/2021		3.5	3.7	1.2	2.8		45	1.6	
8/26/2021	1.6					1.4			3.3
3/3/2022	1.6	3.6		1	2.4	1.4	42		3.2
3/4/2022			3.2					1.3	
8/16/2022		3.5						1.3	
8/17/2022						1.2	35		2.8
8/18/2022			3	0.98 (J)					
8/19/2022	1.4				2.1				
2/15/2023						1	42		

Time Series

Constituent: Chloride (mg/L) Analysis Run 8/17/2026 12:56 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-10	WGWC-11	WGWC-12	WGWC-13	WGWC-14A	WGWC-15	WGWC-16	WGWC-17	WGWC-19
2/16/2023	1.3	3.3	2.9	0.97 (J)	1.9			1.2	2.6
8/15/2023							34		
8/16/2023		3.3	2.8	0.91 (J)	1.8	0.95 (J)		1.1	2.5
8/17/2023	1.3								
2/14/2024			2.8						
2/15/2024	1.8			1.3	2.5	1.4	32	1.6	3.5
2/16/2024		4.3							
7/30/2024							26		
7/31/2024	1.7	3.8	3.4	1.2		1.3		1.6	3.1
8/2/2024					2.4				
2/11/2025		0.45 (J)	3.7					1.9	
2/12/2025				1.3	2.4		28		
2/13/2025	1.5					1.1			3.1
8/13/2025						1.4		1.8	
8/14/2025				1.5	2.5		26		3.3
8/15/2025			3.6						
8/18/2025		4.3							
8/19/2025	1.8								
2/10/2026	1.7	4.3		1.4	2.4	1.3	23		
2/11/2026			4					1.6	3.4

Time Series

Constituent: Chloride (mg/L) Analysis Run 8/17/2026 12:56 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-20	WGWC-21	WGWC-22	WGWC-23	WGWC-24	WGWC-25	WGWC-27	WGWC-28D	WAMW-1
10/18/2018									2.6
3/8/2021	70					74			
3/9/2021		58	2.9	3.5	110				
4/7/2021		50		3.7	110				
4/8/2021	57		2.4			77			
8/26/2021	130	47	4.2	3.3	100	79			
1/11/2022		44	5.1	2.9	60	75			
1/12/2022	350								
3/3/2022		45			50				
3/4/2022	330		5.3	2.9		79			
6/6/2022		48		3.1	41				
6/7/2022	180		4.3			79			
8/16/2022		41							
8/17/2022				3.2		77			
8/18/2022	140				27				
8/19/2022			4.2						
10/19/2022							5		
2/15/2023			4.6	2.9	39	79			
2/16/2023	230	51					22		
8/11/2023	190						29		
8/15/2023						35			
8/17/2023		47	3.9	2.9	22				
9/26/2023								540	
11/7/2023								600	
2/13/2024	230								
2/14/2024			4.1		22			520	
2/15/2024		59		3.5		12	29		
7/31/2024	270			3.2	14	53			
8/1/2024		48					26	710	
8/2/2024			4.4						
1/8/2025									3.4
2/12/2025	380		4.1			24	26	470	32
2/13/2025		48		3.1	19				
8/13/2025						12			
8/14/2025	180							930	3.5
8/18/2025			4.3		15		19		
8/19/2025		56		3.4					
11/13/2025								600 (R)	
2/10/2026	180				17		20		
2/11/2026		62	4.7	3.3		44			
2/12/2026								740	3.5

Time Series

Constituent: Chloride (mg/L) Analysis Run 8/17/2026 12:56 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WAMW-2	PZ-26D	WGWC-30	WGWC-31D	WGWC-31S	WGWC-32	WGWC-33	WGWC-34D	WGWC-34S
10/16/2018	2.5								
3/9/2021		20							
4/7/2021		20							
8/17/2023		14							
2/15/2024		14							
8/1/2024		14							
12/9/2024	2.7								
2/12/2025	2.9								
2/13/2025		16							
8/13/2025		22							
8/19/2025	2.7								
8/20/2025			1.3		3	4.3	19		
8/21/2025				17				120	
8/25/2025									2.9
11/10/2025						6.3			
11/11/2025					3.2			140	3.6
11/12/2025				10			19		
11/13/2025			1.4						
2/9/2026					3.1				2.9
2/10/2026			1.7	9.6					
2/11/2026	2.6					6.6	20	130	
2/12/2026		16							

Time Series

Constituent: Chloride (mg/L) Analysis Run 8/17/2026 12:56 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-35D	WGWC-35S	WGWC-36D	WGWC-36S	WGWC-37D	WGWC-37S	WGWC-38D	WGWC-38S	WGWC-39
8/20/2025							1200		
8/21/2025				26		560		21	2.1
8/26/2025	8.1	7.1	2.5						
8/27/2025					33				
11/10/2025			3.8				1100		
11/11/2025					31				
11/12/2025	16	5.7						9.4	
11/13/2025				14		580			1.8
2/9/2026					28				
2/10/2026			2.7			520			1.9
2/11/2026	12			<20					
2/12/2026		5.9					1000	<20	

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

Time Series

Constituent: Chloride (mg/L) Analysis Run 8/17/2026 12:56 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-40	WGWC-41	WGWC-42	WGWC-8A	PZ-31
5/9/2024					4.9
2/13/2025					4.8
8/13/2025					4.9
8/20/2025	12		7.4		
8/21/2025		2.8			
11/10/2025			8.5		
11/11/2025	12				
1/8/2026			7		
2/11/2026	12	2.7			
2/12/2026					5.5
2/13/2026				69	

Time Series

Constituent: Chromium (mg/L) Analysis Run 8/17/2026 12:56 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWA-1 (bg)	WGWA-2 (bg)	WGWA-3 (bg)	WGWA-4 (bg)	WGWA-5 (bg)	WGWA-6 (bg)	WGWA-7 (bg)	WGWA-18 (bg)	WGWC-9
5/17/2016	<0.005	<0.005						<0.005	
5/18/2016			<0.005	<0.005	<0.002	<0.005	<0.005		
5/19/2016									<0.005
7/19/2016	<0.005	<0.005			<0.002	<0.005	<0.005	<0.005	
7/20/2016			<0.005	<0.005					<0.005
9/13/2016	<0.005	<0.005	<0.005	<0.005		<0.005	<0.005	<0.005	
9/14/2016					0.0031				<0.005
11/9/2016	<0.005	<0.005				<0.005		<0.005	
11/10/2016			<0.005	<0.005			<0.005		
1/17/2017	<0.005	<0.005							
1/18/2017			<0.005	<0.005		<0.005	<0.005		
1/19/2017					<0.002			<0.005	
2/9/2017									<0.005
3/13/2017	<0.005	<0.005							
3/14/2017			<0.005	<0.005	<0.002	<0.005	<0.005	<0.005	
3/15/2017									<0.005
4/11/2017									<0.005
4/24/2017	<0.005	<0.005							
4/25/2017			<0.005	<0.005	<0.002	<0.005	<0.005	<0.005	
4/26/2017									<0.005
8/8/2017	<0.005	<0.005	<0.005			<0.005	<0.005	<0.005	
8/9/2017				<0.005	<0.002				
8/10/2017									<0.005
8/25/2017					<0.002				
3/27/2018	<0.005	<0.005							
3/28/2018			<0.005	<0.005	<0.002	<0.005	<0.005	0.0049	
3/29/2018									<0.005
6/13/2018	<0.005				<0.002	<0.005		<0.005	
6/14/2018		<0.005	<0.005	<0.005			<0.005		<0.005
9/24/2018		<0.005							
9/27/2018	<0.005								
9/28/2018								<0.005	
10/2/2018						<0.005			
10/3/2018			<0.005	<0.005	<0.002		<0.005		
10/4/2018									<0.005
2/25/2019	0.0016 (J)	<0.005							
2/26/2019			<0.005	0.0021 (J)	<0.002	0.0023 (J)	<0.005	0.0016 (J)	
2/28/2019									0.0025
4/1/2019	<0.005	<0.005							
4/2/2019			<0.005	<0.005	<0.002	<0.005	<0.005	<0.005	
4/3/2019									<0.005
9/16/2019	0.0016 (J)				<0.002	<0.005			
9/17/2019		0.0017 (J)		<0.005				<0.005	
9/18/2019			<0.005				<0.005		
9/19/2019									<0.005
2/3/2020	<0.005	<0.005							
2/4/2020			<0.005	<0.005	<0.002	<0.005			
2/5/2020							<0.005	<0.005	<0.005
3/16/2020	<0.005	<0.005							
3/17/2020			<0.005	<0.005	<0.002	<0.005	<0.005	<0.005	
3/19/2020									<0.005
9/21/2020		<0.005	<0.005	<0.005					

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

Time Series

Constituent: Chromium (mg/L) Analysis Run 8/17/2026 12:56 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWA-1 (bg)	WGWA-2 (bg)	WGWA-3 (bg)	WGWA-4 (bg)	WGWA-5 (bg)	WGWA-6 (bg)	WGWA-7 (bg)	WGWA-18 (bg)	WGWC-9
9/22/2020	<0.005				<0.002	<0.005	<0.005	<0.005	
9/23/2020									<0.005
2/2/2021	<0.005	<0.005	<0.005	<0.005			<0.005	<0.005	
2/3/2021					<0.002	<0.005			
2/4/2021									<0.005
3/10/2021		<0.005	<0.005	<0.005	<0.002		<0.005	<0.005	
3/11/2021	<0.005					<0.005			
3/12/2021									<0.005
8/23/2021		<0.005							
8/24/2021	<0.005			<0.005	<0.002	<0.005	<0.005		
8/25/2021			<0.005					<0.005	
8/26/2021									<0.005
2/28/2022				<0.005					
3/1/2022	<0.005	<0.005	<0.005		<0.002	<0.005			
3/3/2022							<0.005	<0.005	<0.005
8/15/2022	0.0063	<0.005			<0.002	<0.005			
8/16/2022			<0.005	<0.005			<0.005	<0.005	
8/17/2022									<0.005
2/14/2023	<0.005	<0.005	<0.005		<0.002	<0.005	<0.005	<0.005	
2/15/2023				<0.005					<0.005
8/14/2023	0.0012 (J)	<0.005							
8/15/2023			<0.005	<0.005	<0.002	<0.005	<0.005	<0.005	
8/16/2023									<0.005
2/13/2024	<0.005	<0.005	0.0015 (J)	<0.005		<0.005	0.049 (O)	<0.005	
2/14/2024									0.002
2/16/2024					<0.002				
7/30/2024	<0.005	<0.005	<0.005	<0.005		<0.005	<0.005	<0.005	
8/1/2024									<0.005
2/10/2025	0.0012 (J)	<0.005	<0.005						
2/11/2025				<0.005		<0.005	<0.005	<0.005	<0.005
8/12/2025	<0.005	<0.005	<0.005	<0.005		<0.005		<0.005	
8/13/2025							<0.005		
8/19/2025									<0.005
2/9/2026		<0.005	<0.005	<0.005		<0.005	<0.005		
2/10/2026	<0.005							<0.005	
2/13/2026									<0.005

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

Time Series

Constituent: Chromium (mg/L) Analysis Run 8/17/2026 12:56 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-10	WGWC-11	WGWC-12	WGWC-13	WGWC-14A	WGWC-15	WGWC-16	WGWC-17	WGWC-19
5/18/2016	<0.005					<0.005	<0.005	<0.005	
5/19/2016		<0.005	<0.005	<0.005					
7/19/2016						<0.005	<0.005		
7/20/2016	0.0012 (J)	<0.005	<0.005	<0.005				<0.005	
9/14/2016	<0.005	<0.005	<0.005	<0.005		<0.005	<0.005	<0.005	
11/10/2016				<0.005		<0.005	<0.005	<0.005	
11/11/2016	0.0015 (J)	<0.005	<0.005						<0.005
1/20/2017								<0.005	
1/24/2017						<0.005	<0.005		
1/27/2017		<0.005	<0.005	<0.005					
2/6/2017	0.0011 (J)								<0.005
2/8/2017					<0.005				
2/23/2017					<0.005				
3/14/2017						<0.005		<0.005	
3/15/2017	0.0015 (J)	<0.005	<0.005	<0.005			<0.005		<0.005
3/17/2017					<0.005				
4/11/2017					<0.005				<0.005
4/25/2017						<0.005	<0.005	<0.005	
4/26/2017	0.0013 (J)	0.0011 (J)	<0.005	<0.005	<0.005				<0.005
5/17/2017					<0.005				
6/7/2017					<0.005				<0.005
7/11/2017					<0.005				<0.005
8/9/2017				<0.005		<0.005	<0.005	<0.005	
8/10/2017	0.0016 (J)	<0.005	<0.005						<0.005
3/29/2018		0.0012 (J)	<0.005	<0.005	<0.005		<0.005		<0.005
3/30/2018	0.0027					<0.005		<0.005	
6/14/2018	0.0023 (J)	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
10/3/2018						<0.005			
10/4/2018	0.0031	<0.005	<0.005	<0.005	<0.005		<0.005	<0.005	<0.005
2/26/2019								<0.005	
2/27/2019	0.0031	0.0021 (J)	<0.005	0.0018 (J)	<0.005	0.0015 (J)	<0.005		
2/28/2019									<0.005
4/2/2019									<0.005
4/3/2019		<0.005	<0.005	<0.005	<0.005				
4/4/2019	0.0021 (J)					<0.005	<0.005	<0.005	
9/18/2019				<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
9/19/2019	0.0022	<0.005	<0.005						
2/5/2020	0.0022	<0.005	<0.005	<0.005	0.0017 (J)				
2/7/2020						<0.005	<0.005	<0.005	<0.005
3/18/2020	<0.005	<0.005	<0.005			<0.005	<0.005	<0.005	
3/19/2020				<0.005	<0.005				
5/4/2020									<0.005
9/23/2020	0.0018 (J)		<0.005			<0.005	<0.005	<0.005	<0.005
9/24/2020		<0.005		<0.005	<0.005				
2/3/2021		<0.005	<0.005						<0.005
2/4/2021	0.0018 (J)			<0.005	<0.005	<0.005	<0.005	<0.005	
3/11/2021	0.0023			0.0019 (J)	<0.005		<0.005	<0.005	<0.005
3/12/2021		0.0017 (J)	<0.005			<0.005			
8/25/2021		<0.005	<0.005	0.0017 (J)	<0.005		<0.005	<0.005	
8/26/2021	0.0024					<0.005			<0.005
3/3/2022	0.0023	<0.005		<0.005	<0.005	<0.005	<0.005		<0.005
3/4/2022			<0.005					<0.005	

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

Time Series

Constituent: Chromium (mg/L) Analysis Run 8/17/2026 12:56 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-10	WGWC-11	WGWC-12	WGWC-13	WGWC-14A	WGWC-15	WGWC-16	WGWC-17	WGWC-19
8/16/2022		<0.005						<0.005	
8/17/2022						<0.005	<0.005		<0.005
8/18/2022			<0.005	<0.005					
8/19/2022	0.0024				<0.005				
2/15/2023						<0.005	<0.005		
2/16/2023	0.0014 (J)	<0.005	<0.005	<0.005	<0.005			<0.005	<0.005
8/15/2023							<0.005		
8/16/2023		<0.005	<0.005	<0.005	<0.005	<0.005		<0.005	<0.005
8/17/2023	0.0029								
2/14/2024			<0.005						
2/15/2024	0.0036			<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
2/16/2024		<0.005							
7/30/2024							<0.005		
7/31/2024	0.0029	<0.005	<0.005	<0.005		<0.005		<0.005	<0.005
8/2/2024					<0.005				
2/11/2025		<0.005	<0.005					<0.005	
2/12/2025				0.0017 (J)	<0.005		<0.005		
2/13/2025	0.0036					<0.005			<0.005
8/13/2025						<0.005		<0.005	
8/14/2025				<0.005	<0.005		<0.005		<0.005
8/15/2025			<0.005						
8/18/2025		<0.005							
8/19/2025	<0.005								
2/10/2026	<0.005	<0.005		<0.005	<0.005	<0.005	<0.005		
2/11/2026			<0.005					<0.005	<0.005

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

Time Series

Constituent: Chromium (mg/L) Analysis Run 8/17/2026 12:56 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-20	WGWC-21	WGWC-22	WGWC-23	WGWC-24	WGWC-25	WGWC-27	WGWC-28D	WAMW-1
10/18/2018									<0.005
8/26/2021	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005			
1/11/2022		<0.005	<0.005	<0.005	<0.005	<0.005			
1/12/2022	<0.005								
3/3/2022		<0.005			<0.005				
3/4/2022	<0.005		<0.005	<0.005		<0.005			
6/6/2022		<0.005		<0.005	<0.005				
6/7/2022	<0.005		<0.005			<0.005			
8/16/2022		<0.005							
8/17/2022				<0.005		<0.005			
8/18/2022	<0.005				<0.005				
8/19/2022			<0.005						
10/19/2022							<0.005		
2/15/2023			<0.005	<0.005	<0.005	<0.005			
2/16/2023	<0.005	0.0015 (J)					<0.005		
8/11/2023	<0.005						<0.005		
8/15/2023						<0.005			
8/17/2023		<0.005	<0.005	<0.005	<0.005				
9/26/2023								0.002	
2/13/2024	<0.005								
2/14/2024			<0.005		<0.005			<0.005	
2/15/2024		<0.005		<0.005		<0.005	<0.005		
7/31/2024	<0.005			<0.005	<0.005	<0.005			
8/1/2024		<0.005					<0.005	<0.005	
8/2/2024			<0.005						
2/12/2025	<0.005		<0.005			<0.005	<0.005	<0.005	0.0012 (J)
2/13/2025		<0.005		0.0017 (J)	<0.005				
8/13/2025						<0.005			
8/14/2025	<0.005							<0.005	<0.005
8/18/2025			<0.005		<0.005		<0.005		
8/19/2025		<0.005		<0.005					
2/10/2026	<0.005				<0.005		<0.005		
2/11/2026		<0.005	<0.005	<0.005		<0.005			
2/12/2026								<0.005	<0.005

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

Time Series

Constituent: Chromium (mg/L) Analysis Run 8/17/2026 12:56 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WAMW-2	PZ-26D	WGWC-30	WGWC-31D	WGWC-31S	WGWC-32	WGWC-33	WGWC-34D	WGWC-34S
10/16/2018	<0.005								
8/17/2023		<0.005							
2/15/2024		<0.005							
8/1/2024		<0.005							
2/12/2025	<0.005								
2/13/2025		<0.005							
8/13/2025		<0.005							
8/19/2025	<0.005								
8/20/2025			<0.005		<0.005	<0.005	<0.005		
8/21/2025				<0.005				<0.005	
8/25/2025									<0.005
11/10/2025						<0.005			
11/11/2025					<0.005			<0.005	<0.005
11/12/2025				<0.005			<0.005		
11/13/2025			<0.005						
2/9/2026					<0.005				<0.005
2/10/2026			<0.005	<0.005					
2/11/2026	<0.005					<0.005	<0.005	<0.005	
2/12/2026		<0.005							

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

Time Series

Constituent: Chromium (mg/L) Analysis Run 8/17/2026 12:56 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-35D	WGWC-35S	WGWC-36D	WGWC-36S	WGWC-37D	WGWC-37S	WGWC-38D	WGWC-38S	WGWC-39
8/20/2025							<0.005		
8/21/2025				<0.005		<0.005		<0.005	<0.005
8/26/2025	<0.005	<0.005	<0.005						
8/27/2025					<0.005				
11/10/2025			<0.005				<0.005		
11/11/2025					<0.005				
11/12/2025	<0.005	<0.005						<0.005	
11/13/2025				<0.005		<0.005			<0.005
2/9/2026					<0.005				
2/10/2026			<0.005			<0.005			<0.005
2/11/2026	<0.005			<0.005					
2/12/2026		<0.005					<0.005	<0.005	

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

Time Series

Constituent: Chromium (mg/L) Analysis Run 8/17/2026 12:56 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-40	WGWC-41	WGWC-42	WGWC-8A	PZ-31
2/13/2025					<0.005
8/13/2025					<0.005
8/20/2025	<0.005		<0.005		
8/21/2025		<0.005			
11/10/2025			<0.005		
11/11/2025	<0.005				
1/8/2026			<0.005		
2/11/2026	<0.005	<0.005			
2/12/2026					<0.005
2/13/2026				<0.005	

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

Time Series

Constituent: Cobalt (mg/L) Analysis Run 8/17/2026 12:56 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWA-1 (bg)	WGWA-2 (bg)	WGWA-3 (bg)	WGWA-4 (bg)	WGWA-5 (bg)	WGWA-6 (bg)	WGWA-7 (bg)	WGWA-18 (bg)	WGWC-9
5/17/2016	<0.01	<0.005						<0.005	
5/18/2016			<0.005	<0.005	<0.01	<0.005	<0.005		
5/19/2016									<0.005
7/19/2016	0.0014 (J)	0.00086 (J)			0.0014 (J)	<0.005	<0.005	0.0019 (J)	
7/20/2016			<0.005	<0.005					<0.005
9/13/2016	0.0015 (J)	0.00095 (J)	<0.005	<0.005		<0.005	<0.005	0.0032	
9/14/2016					0.013 (o)				<0.005
11/9/2016	0.0012 (J)	0.0011 (J)				<0.005		0.0039	
11/10/2016			<0.005	<0.005			0.00055 (J)		
1/17/2017	0.001 (J)	<0.005							
1/18/2017			<0.005	<0.005		<0.005	0.00097 (J)		
1/19/2017					0.064 (O)			0.0032	
2/9/2017									0.00073 (J)
3/13/2017	0.0011 (J)	0.00087 (J)							
3/14/2017			<0.005	<0.005	0.0066	0.0018 (J)	<0.005	0.0045	
3/15/2017									<0.005
4/11/2017									<0.005
4/24/2017	0.001 (J)	0.0014 (J)							
4/25/2017			<0.005	<0.005	0.0026	<0.005	<0.005	0.002 (J)	
4/26/2017									<0.005
8/8/2017	0.0011 (J)	0.0012 (J)	<0.005			<0.005	<0.005	0.0031	
8/9/2017				<0.005	0.0025				
8/10/2017									<0.005
8/25/2017					0.0025				
3/27/2018	0.00091 (J)	0.0012 (J)							
3/28/2018			<0.005	<0.005	0.0015 (J)	<0.005	<0.005	0.0013 (J)	
3/29/2018									<0.005
6/13/2018	0.00094 (J)				0.0011 (J)	<0.005		0.0021 (J)	
6/14/2018		0.00085 (J)	<0.005	<0.005			<0.005		<0.005
9/24/2018		0.00085 (J)							
9/27/2018	0.00085 (J)								
9/28/2018								0.0024 (J)	
10/2/2018						<0.005			
10/3/2018			<0.005	<0.005	0.0013 (J)		<0.005		
10/4/2018									<0.005
2/25/2019	0.00085 (J)	0.00083 (J)							
2/26/2019			<0.005	0.00029 (J)	0.0006 (J)	0.00031 (J)	0.00017 (J)	0.00026 (J)	
2/28/2019									<0.005
4/1/2019	0.00079 (J)	0.00082 (J)							
4/2/2019			<0.005	<0.005	0.00046 (J)	<0.005	<0.005	<0.005	
4/3/2019									<0.005
9/16/2019	0.00082				0.0035	9.1E-05 (J)			
9/17/2019		0.00063		<0.005				0.0012	
9/18/2019			<0.005				0.0002 (J)		
9/19/2019									<0.005
2/3/2020	0.00062	0.00068							
2/4/2020			<0.005	<0.005	0.00082	<0.005			
2/5/2020							0.00021 (J)	0.0027	<0.005
3/16/2020	0.00092 (J)	0.00066 (J)							
3/17/2020			<0.005	<0.005	0.00066 (J)	0.00014 (J)	0.00065 (J)	0.0017 (J)	
3/19/2020									<0.005
9/21/2020		0.00054 (J)	<0.005	<0.005					

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

Time Series

Constituent: Cobalt (mg/L) Analysis Run 8/17/2026 12:56 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWA-1 (bg)	WGWA-2 (bg)	WGWA-3 (bg)	WGWA-4 (bg)	WGWA-5 (bg)	WGWA-6 (bg)	WGWA-7 (bg)	WGWA-18 (bg)	WGWC-9
9/22/2020	0.00072 (J)				0.0065	<0.005	0.00015 (J)	0.00033 (J)	
9/23/2020									<0.005
2/2/2021	0.00082 (J)	0.00069 (J)	<0.005	<0.005			<0.005	0.0018 (J)	
2/3/2021					0.0015 (J)	<0.005			
2/4/2021									<0.005
3/10/2021		0.00073 (J)	<0.005	<0.005	0.0011 (J)		<0.005	0.0015 (J)	
3/11/2021	0.00081 (J)					<0.005			
3/12/2021									<0.005
8/23/2021		0.00049 (J)							
8/24/2021	0.0016 (J)			<0.005	0.00079 (J)	<0.005	0.00017 (J)		
8/25/2021			<0.005					0.00084 (J)	
8/26/2021									<0.005
2/28/2022				<0.005					
3/1/2022	0.00073 (J)	0.00038 (J)	<0.005		0.0014 (J)	<0.005			
3/3/2022							<0.005	0.0014 (J)	<0.005
8/15/2022	0.0007 (J)	0.00045 (J)			0.00063 (J)	<0.005			
8/16/2022			<0.005	<0.005			<0.005	0.00075 (J)	
8/17/2022									<0.005
2/14/2023	0.00073 (J)	0.00052 (J)	<0.005		0.0011 (J)	<0.005	<0.005	0.001 (J)	
2/15/2023				<0.005					<0.005
8/14/2023	0.00087 (J)	0.0006 (J)							
8/15/2023			<0.005	<0.005	0.00059 (J)	<0.005	<0.005	0.00075 (J)	
8/16/2023									<0.005
2/13/2024	0.00064 (J)	0.00049 (J)	<0.005	<0.005		<0.005	0.00044 (J)	0.00063 (J)	
2/14/2024									<0.005
2/16/2024					0.00059 (J)				
7/30/2024	0.00074 (J)	0.00046 (J)	<0.005	<0.005		<0.005	<0.005	0.00029 (J)	
8/1/2024									<0.005
2/10/2025	0.00068 (J)	0.00034 (J)	<0.005						
2/11/2025				<0.005		<0.005	0.0017 (J)	0.00043 (J)	<0.005
8/12/2025	0.00043 (J)	<0.005	<0.005	<0.005		<0.005		<0.005	
8/13/2025							<0.005		
8/19/2025									<0.005
2/9/2026		<0.005	<0.005	<0.005		<0.005	<0.005		
2/10/2026	0.00067 (J)							<0.005	
2/13/2026									<0.005

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

Time Series

Constituent: Cobalt (mg/L) Analysis Run 8/17/2026 12:56 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-10	WGWC-11	WGWC-12	WGWC-13	WGWC-14A	WGWC-15	WGWC-16	WGWC-17	WGWC-19
5/18/2016	0.00201 (J)					<0.005	0.0069 (J)	0.00245 (J)	
5/19/2016		<0.005	<0.005	<0.005					
7/19/2016						<0.005	0.012		
7/20/2016	0.00066 (J)	0.0025	0.0013 (J)	<0.005				0.0018 (J)	
9/14/2016	0.00095 (J)	<0.005	0.00098 (J)	<0.005		<0.005	0.013	0.0014 (J)	
11/10/2016				<0.005		<0.005	0.016	0.0016 (J)	
11/11/2016	0.001 (J)	0.00052 (J)	0.0017 (J)						<0.005
1/20/2017								0.0014 (J)	
1/24/2017						<0.005	0.015		
1/27/2017		0.00049 (J)	0.0022 (J)	<0.005					
2/6/2017	0.00072 (J)								0.00058 (J)
2/8/2017					0.0051				
2/23/2017					0.014				
3/14/2017						<0.005		0.0023 (J)	
3/15/2017	0.00062 (J)	0.00064 (J)	0.0016 (J)	<0.005			0.014		0.00045 (J)
3/17/2017					0.013				
4/11/2017					0.016				<0.005
4/25/2017						<0.005	0.014	0.0023 (J)	
4/26/2017	0.0014 (J)	0.001 (J)	0.00026 (J)	<0.005	0.01				<0.005
5/17/2017					0.011				
6/7/2017					0.01				<0.005
7/11/2017					0.0085				<0.005
8/9/2017				0.0004 (J)		<0.005	0.016	0.0011 (J)	
8/10/2017	<0.005	0.0011 (J)	0.00049 (J)						0.00049 (J)
3/29/2018		<0.005	0.0008 (J)	0.0008 (J)	0.015		0.0092		<0.005
3/30/2018	0.0035					<0.005		0.0016 (J)	
6/14/2018	0.0012 (J)	<0.005	0.00067 (J)	0.00054 (J)	0.011	<0.005	0.0035	0.00055 (J)	<0.005
10/3/2018						<0.005			
10/4/2018	0.00086 (J)	<0.005	0.00079 (J)	<0.005	0.0055		0.0078	0.00041 (J)	<0.005
2/26/2019								0.00086 (J)	
2/27/2019	0.0005 (J)	0.0022 (J)	0.0006 (J)	0.00013 (J)	0.0049	<0.005	0.00084 (J)		
2/28/2019									0.00019 (J)
4/2/2019									<0.005
4/3/2019		0.00081 (J)	0.00043 (J)	<0.005	0.0056				
4/4/2019	0.0017 (J)					<0.005	0.00077 (J)	<0.005	
9/18/2019				<0.005	0.005	<0.005	0.00011 (J)	0.00018 (J)	0.00045 (J)
9/19/2019	0.0023	<0.005	0.00028 (J)						
2/5/2020	0.0013	0.00026 (J)	0.00058	<0.005	0.0044				
2/7/2020						<0.005	0.00016 (J)	0.00077	0.00024 (J)
3/18/2020	0.0012 (J)	0.00069 (J)	0.00071 (J)			<0.005	0.00016 (J)	0.00052 (J)	
3/19/2020				<0.005	0.0039				
5/4/2020									0.00018 (J)
9/23/2020	0.00062 (J)		0.00039 (J)			<0.005	<0.005	0.0009 (J)	0.00024 (J)
9/24/2020		<0.005		0.00032 (J)	0.0035				
2/3/2021		0.00072 (J)	0.00017 (J)						0.00025 (J)
2/4/2021	0.00059 (J)			<0.005	0.0041	0.00015 (J)	0.00026 (J)	0.00042 (J)	
3/11/2021	0.00058 (J)			<0.005	0.0037		0.00013 (J)	0.00035 (J)	0.00022 (J)
3/12/2021		0.0022 (J)	0.00042 (J)			<0.005			
8/25/2021		0.00045 (J)	0.0005 (J)	<0.005	0.0029		<0.005	0.00042 (J)	
8/26/2021	0.00044 (J)					<0.005			0.00022 (J)
3/3/2022	0.00045 (J)	0.00026 (J)		<0.005	0.0024 (J)	<0.005	<0.005		0.00034 (J)
3/4/2022			0.00056 (J)					0.00026 (J)	

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

Time Series

Constituent: Cobalt (mg/L) Analysis Run 8/17/2026 12:56 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-10	WGWC-11	WGWC-12	WGWC-13	WGWC-14A	WGWC-15	WGWC-16	WGWC-17	WGWC-19
8/16/2022		<0.005						<0.005	
8/17/2022						<0.005	<0.005		<0.005
8/18/2022			0.00034 (J)	<0.005					
8/19/2022	0.0014 (J)				0.002 (J)				
2/15/2023						<0.005	<0.005		
2/16/2023	<0.005	<0.005	0.0004 (J)	<0.005	0.0022 (J)			<0.005	0.00053 (J)
8/15/2023							<0.005		
8/16/2023		<0.005	0.00025 (J)	0.00024 (J)	0.002 (J)	<0.005		<0.005	0.00026 (J)
8/17/2023	0.00038 (J)								
2/14/2024			0.00045 (J)						
2/15/2024	<0.005			<0.005	0.0017 (J)	<0.005	<0.005	<0.005	<0.005
2/16/2024		<0.005							
7/30/2024							<0.005		
7/31/2024	<0.005	<0.005	0.00029 (J)	<0.005		<0.005		<0.005	0.00024 (J)
8/2/2024					0.0016 (J)				
2/11/2025		<0.005	0.00033 (J)					<0.005	
2/12/2025				0.00029 (J)	0.0015 (J)		<0.005		
2/13/2025	<0.005					<0.005			<0.005
8/13/2025						<0.005		<0.005	
8/14/2025				<0.005	0.0014 (J)		<0.005		<0.005
8/15/2025			<0.005						
8/18/2025		0.00043 (J)							
8/19/2025	<0.005								
2/10/2026	<0.005	<0.005		<0.005	0.0016 (J)	<0.005	<0.005		
2/11/2026			0.00052 (J)					0.00081 (J)	<0.005

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

Time Series

Constituent: Cobalt (mg/L) Analysis Run 8/17/2026 12:56 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-20	WGWC-21	WGWC-22	WGWC-23	WGWC-24	WGWC-25	WGWC-27	WGWC-28D	WAMW-1
10/18/2018									<0.0025
8/26/2021	0.00046 (J)	0.00042 (J)	0.00038 (J)	0.00017 (J)	0.13	0.005			
1/11/2022		0.00032 (J)	0.00025 (J)	0.00016 (J)	0.11	0.0048			
1/12/2022	0.00037 (J)								
3/3/2022		0.00042 (J)			0.086				
3/4/2022	<0.005		0.00034 (J)	<0.005		0.004			
6/6/2022		0.001 (J)		<0.005	0.042				
6/7/2022	<0.005		<0.005			0.0043			
8/16/2022		0.00039 (J)							
8/17/2022				<0.005		0.0037			
8/18/2022	<0.005				0.031				
8/19/2022			<0.005						
10/19/2022							0.002 (J)		
2/15/2023			<0.005	<0.005	0.084	0.0049			
2/16/2023	<0.005	<0.005					0.0013 (J)		
8/11/2023	<0.005						0.0018 (J)		
8/15/2023						0.0081			
8/17/2023		<0.005	<0.005	<0.005	0.035				
9/26/2023								0.00072 (J)	
2/13/2024	<0.005								
2/14/2024			<0.005		0.045			0.00064 (J)	
2/15/2024		<0.005		<0.005		0.0062	0.0018 (J)		
7/31/2024	<0.005			<0.005	0.027	0.0088			
8/1/2024		<0.005					0.0026	<0.005	
8/2/2024			<0.005						
2/12/2025	<0.005		<0.005			0.0085	0.002 (J)	0.00024 (J)	<0.0025
2/13/2025		<0.005		0.00022 (J)	0.039				
8/13/2025						0.0097			
8/14/2025	<0.005							<0.005	0.002 (J)
8/18/2025			<0.005		0.02		0.0014 (J)		
8/19/2025		<0.005		<0.005					
2/10/2026	<0.005				0.035		0.0013 (J)		
2/11/2026		<0.005	<0.005	<0.005		0.0081			
2/12/2026								<0.005	0.0012 (J)

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

Time Series

Constituent: Cobalt (mg/L) Analysis Run 8/17/2026 12:56 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WAMW-2	PZ-26D	WGWC-30	WGWC-31D	WGWC-31S	WGWC-32	WGWC-33	WGWC-34D	WGWC-34S
10/16/2018	<0.005								
8/17/2023		0.017							
2/15/2024		0.0069							
8/1/2024		0.0081							
2/12/2025	0.001 (J)								
2/13/2025		0.0011 (J)							
8/13/2025		0.0086							
8/19/2025	<0.005								
8/20/2025			<0.005		0.0016 (J)	0.00052 (J)	0.0029 (J)		
8/21/2025				0.00044 (J)				0.21	
8/25/2025									0.022
11/10/2025						<0.005			
11/11/2025					0.00088 (J)			0.14	0.022
11/12/2025				<0.005			0.00046 (J)		
11/13/2025			<0.005						
2/9/2026					0.0011 (J)				0.026
2/10/2026			<0.005	0.00044 (J)					
2/11/2026	0.0006 (J)					<0.005	0.0027 (J)	0.17	
2/12/2026		0.00097 (J)							

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

Time Series

Constituent: Cobalt (mg/L) Analysis Run 8/17/2026 12:56 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-35D	WGWC-35S	WGWC-36D	WGWC-36S	WGWC-37D	WGWC-37S	WGWC-38D	WGWC-38S	WGWC-39
8/20/2025							0.1		
8/21/2025				0.19		<0.005		0.031	0.0078
8/26/2025	0.002 (J)	0.0074	0.005						
8/27/2025					0.021				
11/10/2025			0.005				0.093		
11/11/2025					0.02				
11/12/2025	<0.005	0.0024 (J)						0.031	
11/13/2025				0.026		0.67			0.0088
2/9/2026					0.019				
2/10/2026			0.006			0.75			0.0034 (J)
2/11/2026	0.0032 (J)			0.031					
2/12/2026		0.01					0.12	0.047	

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

Time Series

Constituent: Cobalt (mg/L) Analysis Run 8/17/2026 12:56 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-40	WGWC-41	WGWC-42	WGWC-8A	PZ-31
5/9/2024					0.0071
2/13/2025					0.0016 (J)
8/13/2025					0.00075 (J)
8/20/2025	0.0018 (J)		<0.005		
8/21/2025		<0.005			
11/10/2025			<0.005		
11/11/2025	0.0014 (J)				
1/8/2026			<0.005		
2/11/2026	0.0015 (J)	<0.005			
2/12/2026					<0.005
2/13/2026				0.0032 (J)	

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

Time Series

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 8/17/2026 12:56 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWA-1 (bg)	WGWA-2 (bg)	WGWA-3 (bg)	WGWA-4 (bg)	WGWA-5 (bg)	WGWA-6 (bg)	WGWA-7 (bg)	WGWA-18 (bg)	WGWC-9
5/17/2016	0.0525 (U)	0.13 (U)						0.184 (U)	
5/18/2016			0.025 (U)	1.04	0.325 (U)	8	0.268 (U)		
5/19/2016									0.209 (U)
7/19/2016	7.25 (O)	0.121 (U)			0.433 (U)	7.69	0.369 (U)	0.27 (U)	
7/20/2016			0.398 (U)	0.812					-0.084 (U)
9/13/2016	0.592 (U)	0.372 (U)	0.215 (U)	0.958		6.98	0.527 (U)	0.194 (U)	
9/14/2016									0.42 (U)
11/9/2016	0.221 (U)	0.217 (U)				8.78		0.219 (U)	
11/10/2016			0.421	1.13			0.871		
1/17/2017	0.295 (U)	0.595							
1/18/2017			0.434 (U)	1.76		10.4	0.213 (U)		
1/19/2017					0.216 (U)			0.0745 (U)	
2/9/2017									0.393
3/13/2017	-0.13 (U)	-0.147 (U)							
3/14/2017			0.167 (U)	0.788	0.119 (U)	0.589 (O)	0.0192 (U)	0.194 (U)	
3/15/2017									0.271 (U)
4/11/2017									0.488 (U)
4/24/2017	0.36 (U)	0.367							
4/25/2017			0.224 (U)	1.13	0.105 (U)	8.22	0.0872 (U)	0.109 (U)	
4/26/2017									0.14 (U)
8/8/2017	0.382	0.402	0.127 (U)			7.21	0.219 (U)	0.0842 (U)	
8/9/2017				1.31	0.385 (U)				
8/10/2017									0.379
8/25/2017					2.02				
9/6/2017					0.275 (U)				
3/27/2018	0.475	0.453							
3/28/2018			0.15 (U)	1.32	0.492	7.52	0.315 (U)	0.424	
3/29/2018									0.278 (U)
6/13/2018	-0.0181 (U)				0.275 (U)	8.77		0.401	
6/14/2018		0.402	0.258 (U)	0.857			0.41		0.157 (U)
9/24/2018		0.318							
9/27/2018	0.342								
9/28/2018								0.381	
10/2/2018						8.72			
10/3/2018			0.178 (U)	0.943	0.72		0.65		
10/4/2018									0.48
2/25/2019	0.394	0.44							
2/26/2019			0.179 (U)	0.65	0.113 (U)	8.93	0.395	0.307 (U)	
2/28/2019									0.271 (U)
4/1/2019	0.169 (U)	-0.00216 (U)							
4/2/2019			0.361	0.602	0.255 (U)	7.8	0.182 (U)	0.0436 (U)	
4/3/2019									0.0621 (U)
9/16/2019	0.31 (U)				0.318 (U)	8.55			
9/17/2019		0.165 (U)		0.788				0.263 (U)	
9/18/2019			0.189 (U)				0.299 (U)		
9/19/2019									0.537
2/3/2020	0.283 (U)	0.0879 (U)							
2/4/2020			-0.107 (U)	1.49	0.198 (U)	8.3			
2/5/2020							-0.0263 (U)	0.327 (U)	-0.137 (U)
3/16/2020	0.394 (U)	0.289 (U)							
3/17/2020			-0.139 (U)	0.964	0.207 (U)	8.88	0.258 (U)	0.6 (U)	
3/19/2020									0.23 (U)

Time Series

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 8/17/2026 12:56 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWA-1 (bg)	WGWA-2 (bg)	WGWA-3 (bg)	WGWA-4 (bg)	WGWA-5 (bg)	WGWA-6 (bg)	WGWA-7 (bg)	WGWA-18 (bg)	WGWC-9
9/21/2020		0.418 (U)	0.0688 (U)	1.07					
9/22/2020	0.729				0.954	7.65	0.0523 (U)	0.557 (U)	
9/23/2020									0.0587 (U)
2/2/2021	0.243 (U)	0.202 (U)	0.182 (U)	1.05			0.167 (U)	0.354 (U)	
2/3/2021					0.592 (U)	9.99			
2/4/2021									0.353 (U)
3/10/2021		0.378 (U)	-0.177 (U)	1.47	0.144 (U)		0.224 (U)	0.218 (U)	
3/11/2021	0.046 (U)					9.2			
3/12/2021									0.831
8/23/2021		0.632							
8/24/2021	0.598			1.61	0.226 (U)	9.78	0.465 (U)		
8/25/2021			-0.121 (U)					0.645	
8/26/2021									0.681
2/28/2022				1.3					
3/1/2022	-0.0398 (U)	-0.141 (U)	0.238 (U)		0.428 (U)	9.86			
3/3/2022							0.415	0.474	0.431 (U)
8/15/2022	0.559	0.725			2.38	9.58			
8/16/2022			0.628	2.02			0.653	1.18	
8/17/2022									0.139 (U)
2/14/2023	0.827	0.421 (U)	0.605		0.741	8.54	-0.0224 (U)	0.753	
2/15/2023				1.59					0.0109 (U)
8/14/2023	1.04	0.585 (U)							
8/15/2023			0.569 (U)	1.4	0.391 (U)	11.4	-0.139 (U)	0.426 (U)	
8/16/2023									0.209 (U)
2/13/2024	0.208 (U)	0.0248 (U)	-0.146 (U)	2.21		10.8	-0.137 (U)	0.309 (U)	
2/14/2024									0.279 (U)
2/16/2024					0.558 (U)				
7/30/2024	0.298 (U)	0.327 (U)	0.203 (U)	1.68		10.3	0.031 (U)	0.251 (U)	
8/1/2024									0.818
2/10/2025	1.59	0.453 (U)	1.15						
2/11/2025				2.44		13.1	0.699	0.383 (U)	2.41
8/12/2025	1.13	0.917	0.341 (U)	2.07		11.1		0.697	
8/13/2025							0.701		
8/19/2025									0.51 (U)
2/9/2026		0.00723 (U)	-0.307 (U)	1.37		9.57	-0.00817 (U)		
2/10/2026	0.16 (U)							0.0823 (U)	
2/13/2026									0.496 (U)

Time Series

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 8/17/2026 12:56 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-10	WGWC-11	WGWC-12	WGWC-13	WGWC-14A	WGWC-15	WGWC-16	WGWC-17	WGWC-19
5/18/2016	0.182 (U)					0.569	1.03	0.116 (U)	
5/19/2016		0.431 (U)	0.0698 (U)	0.219 (U)					
7/19/2016						0.29 (U)	2.39		
7/20/2016	-0.135 (U)	-0.263 (U)	-0.0646 (U)	0.404 (U)				0.247 (U)	
9/14/2016	0.311 (U)	0.13 (U)	0.199 (U)	0.692		0.412 (U)	3.05	0.594	
11/10/2016				1		0.709	2.87	0.431	
11/11/2016	0.542	0.0257 (U)	0.467						-0.11 (U)
1/20/2017								1.35	
1/24/2017						0.779	2.68		
1/27/2017		0.898	0.836	0.668					
2/6/2017	0.104 (U)								0.471
2/8/2017					0.958				
2/23/2017					0.771				
3/14/2017						0.247 (U)		-0.107 (U)	
3/15/2017	0.523	0.121 (U)	0.254 (U)	0.847			1.64		0.255 (U)
3/17/2017					1.7				
4/11/2017					0.901				0.19 (U)
4/25/2017						0.515	0.878	0.228 (U)	
4/26/2017	0.069 (U)	0.0309 (U)	0.267 (U)	0.408 (U)	0.434				0.22 (U)
5/17/2017					0.632				
6/7/2017					1.06				0.126 (U)
7/11/2017					0.716				0.511
8/9/2017				0.816		1.7	2.5	-0.0246 (U)	
8/10/2017	0.189 (U)	0.326 (U)	0.912						0.882
3/29/2018		0.461	0.419	0.51	0.58		1.6		0.252 (U)
3/30/2018	0.575					0.0985 (U)		0.135 (U)	
6/14/2018	0.523	0.275 (U)	-0.263 (U)	0.463	0.55	0.171 (U)	1.09	-0.373 (U)	0.0458 (U)
10/3/2018						0.766			
10/4/2018	0.84	1.18	1.29	0.99	0.563		1.99	0.775	0.381
2/26/2019								0.431	
2/27/2019	0.236 (U)	0.374	0.415	1.08	0.538	0.363 (U)	0.721		
2/28/2019									0.254 (U)
4/2/2019									0.209 (U)
4/3/2019		0.187 (U)	0.264 (U)	0.446	0.497				
4/4/2019	0.233 (U)					0.418	0.632	0.386	
9/18/2019				0.392	0.376 (U)	0.484	0.278 (U)	0.167 (U)	0.403 (U)
9/19/2019	0.124 (U)	0.338 (U)	0.329 (U)						
2/5/2020	0.0961 (U)	0.163 (U)	0.225 (U)	0.609	0.5				
2/7/2020						0.125 (U)	0.797	0.244 (U)	0.2 (U)
3/18/2020	0.461 (U)	0.866	-0.0262 (U)			0.303 (U)	0.437	0.0655 (U)	
3/19/2020				0.47	0.376 (U)				
5/4/2020									0.0697 (U)
9/23/2020	0.442 (U)		0.785			0.448 (U)	0.276 (U)	0.643	1.18
9/24/2020		1.2		1.02	0.796				
2/3/2021		0.718	0.322 (U)						0.684
2/4/2021	0.0332 (U)			0.139 (U)	0.564	0.488 (U)	0.727	0.438 (U)	
3/11/2021	0.42 (U)			0.473	0.764		0.942	0.247 (U)	0.286 (U)
3/12/2021		0.0729 (U)	0.633			0.591			
8/25/2021		0.401	0.443 (U)	0.913	0.705		0.518	0.565	
8/26/2021	0.321 (U)					0.678			0.796
3/3/2022	0.587	0.622		0.621	0.956	0.358 (U)	0.573		0.909
3/4/2022			0.408					0.573	

Time Series

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 8/17/2026 12:56 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-10	WGWC-11	WGWC-12	WGWC-13	WGWC-14A	WGWC-15	WGWC-16	WGWC-17	WGWC-19
8/16/2022		0.5						0.668	
8/17/2022						0.563	0.946		0.155 (U)
8/18/2022			0.279 (U)	0.719					
8/19/2022	0.497 (U)				0.932				
2/15/2023						0.0878 (U)	0.734		
2/16/2023	0.326 (U)	0.417 (U)	0.388 (U)	0.2 (U)	0.455 (U)			0.121 (U)	0.248 (U)
8/15/2023							0.732		
8/16/2023		0.297 (U)	0.45 (U)	-0.09 (U)	0.277 (U)	0.0271 (U)		0.533 (U)	0.369 (U)
8/17/2023	-0.112 (U)								
2/14/2024			0.813						
2/15/2024	0.126 (U)			0.585	0.482 (U)	0.607	0.582	0.257 (U)	0.523
2/16/2024		-0.00801 (U)							
7/30/2024							0.628		
7/31/2024	1.33	0.791	1.07	0.823		1.17		0.594 (U)	1.53
8/2/2024					0.774				
2/11/2025		1.28	0.892					0.639 (U)	
2/12/2025				0.589	0.968		1.14		
2/13/2025	0.44 (U)					1.11			0.187 (U)
8/13/2025						0.907		0.615	
8/14/2025				0.968	0.687 (U)		0.94		0.998
8/15/2025			0.0108 (U)						
8/18/2025		0.251 (U)							
8/19/2025	0.8								
2/10/2026	0.433 (U)	-0.0859 (U)		0.44 (U)	0.563	0.821	0.423 (U)		
2/11/2026			0.714 (U)					0.866	0.39 (U)

Time Series

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 8/17/2026 12:56 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-20	WGWC-21	WGWC-22	WGWC-23	WGWC-24	WGWC-25	WGWC-27	WGWC-28D	WAMW-1
10/18/2018									0.314 (U)
8/26/2021	1.6	1.17	3.54	0.703	1.63	1.12			
1/11/2022		0.919	6.91	0.218 (U)	0.749	0.606			
1/12/2022	1.09								
3/3/2022		1.31			0.893				
3/4/2022	0.925		7.57	0.437 (U)		0.818			
6/6/2022		2.61		1.45	0.845				
6/7/2022	0.67		4.67			0.5			
8/16/2022		1.35							
8/17/2022				0.976		0.763			
8/18/2022	0.994				1.03				
8/19/2022			3.07						
10/19/2022							0.185 (U)		
2/15/2023			5.98	0.985	0.974	0.873			
2/16/2023	0.853	0.617					2.16		
8/11/2023	0.591 (U)						3.88		
8/15/2023						0.581 (U)			
8/17/2023		2.44	4.47	1.91	1.62				
9/26/2023								15.4	
2/13/2024	1.06								
2/14/2024			5.46		0.674			13.3	
2/15/2024		1.3		0.232 (U)		0.672	5.82		
7/31/2024	1.15			1.69	1.34	1.25			
8/1/2024		0.417 (U)					5.4	7.77	
8/2/2024			4.11						
2/12/2025	1.12		4.31			1.43	5.08	7.79	0.557
2/13/2025		1.7		1.31 (U)	0.801				
8/13/2025						1.29			
8/14/2025	0.715 (U)							8.52	0.987
8/18/2025			5.52		1.28		2.97		
8/19/2025		1.14		1.74					
2/10/2026	0.433 (U)				0.848		2.81		
2/11/2026		2.14 (U)	4.6	0.713		0.452 (U)			
2/12/2026								10.4	0.718

Time Series

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 8/17/2026 12:56 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WAMW-2	PZ-26D	WGWC-30	WGWC-31D	WGWC-31S	WGWC-32	WGWC-33	WGWC-34D	WGWC-34S
10/16/2018	0.476								
8/17/2023		1.44							
2/15/2024		1.06							
8/1/2024		1.07							
2/12/2025	0.8								
2/13/2025		0.648							
8/13/2025		0.714 (U)							
8/19/2025	1.11								
8/20/2025			1.38		1.05	4.91	19.2		
8/21/2025				1.22				1.5	
8/25/2025									0.608
11/10/2025						5.11			
11/11/2025					0.582 (U)			0.529 (U)	-0.0554 (U)
11/12/2025				1.62			19.8		
11/13/2025			1.15						
2/9/2026					1.35				1.59
2/10/2026			0.544 (U)	0.693					
2/11/2026	1.39					6.25	20	0.638 (U)	
2/12/2026		0.698							

Time Series

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 8/17/2026 12:56 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-35D	WGWC-35S	WGWC-36D	WGWC-36S	WGWC-37D	WGWC-37S	WGWC-38D	WGWC-38S	WGWC-39
8/20/2025							14.8		
8/21/2025				1.05		9.19		1.88	2.17
8/26/2025	0.592	1.12	1.47						
8/27/2025					3.17				
11/10/2025			0.693 (U)				13.9		
11/11/2025					2.48				
11/12/2025	1.17	0.451 (U)						1.77	
11/13/2025				0.895		9.2			1.57
2/9/2026					1.37				
2/10/2026			0.294 (U)			10.2			3.4
2/11/2026	0.582 (U)			0.432 (U)					
2/12/2026		0.222 (U)					13	2.31	

Time Series

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 8/17/2026 12:56 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-40	WGWC-41	WGWC-42	WGWC-8A	PZ-31
2/13/2025					0.714
8/13/2025					0.67 (U)
8/20/2025	2.52		1.25		
8/21/2025		4.84			
11/10/2025			1.38		
11/11/2025	2.42				
1/8/2026			1.49		
2/11/2026	3.24				
2/12/2026					1.03
2/13/2026				2.52	

Time Series

Constituent: Fluoride (mg/L) Analysis Run 8/17/2026 12:56 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWA-1 (bg)	WGWA-2 (bg)	WGWA-3 (bg)	WGWA-4 (bg)	WGWA-5 (bg)	WGWA-6 (bg)	WGWA-7 (bg)	WGWA-18 (bg)	WGWC-9
5/17/2016	0.0131 (J)	0.0538 (J)						0.284 (J)	
5/18/2016			0.029 (J)	0.164 (J)	0.014 (J)	0.106 (J)	0.018 (J)		
5/19/2016									1.58
7/19/2016	<0.2	<0.2			<0.2	0.11 (J)	<0.2	0.21	
7/20/2016			<0.2	0.17 (J)					2
9/13/2016	<0.2	<0.2	<0.2	0.15 (J)		0.11 (J)	<0.2	0.15 (J)	
9/14/2016					0.095 (J)				1.8
11/9/2016	<0.2	0.085 (J)				0.1 (J)		<0.2	
11/10/2016			<0.2	0.12 (J)			<0.2		
1/17/2017	<0.2	<0.2							
1/18/2017			<0.2	0.15 (J)		0.11 (J)	<0.2		
1/19/2017					<0.2			0.087 (J)	
2/9/2017									1.3
3/13/2017	<0.2	<0.2							
3/14/2017			<0.2	0.13 (J)	<0.2	<0.2	<0.2	<0.2	
3/15/2017									1.3
4/11/2017									1.4
4/24/2017	<0.2	<0.2							
4/25/2017			<0.2	0.12 (J)	<0.2	<0.2	<0.2	<0.2	
4/26/2017									1.5
8/8/2017	<0.2	<0.2	<0.2			0.099 (J)	<0.2	0.087 (J)	
8/9/2017				0.14 (J)	<0.2				
8/10/2017									1.6
8/25/2017					<0.2				
10/10/2017	<0.2	0.18 (J)							
10/11/2017			<0.2	0.14 (J)	<0.2	0.098 (J)	<0.2	0.09 (J)	
10/12/2017									1.5
3/27/2018	<0.2	<0.2							
3/28/2018			<0.2	0.12 (J)	<0.2	0.088 (J)	<0.2	0.11 (J)	
3/29/2018									1.4
6/13/2018	<0.2				<0.2	0.093 (J)		0.085 (J)	
6/14/2018		<0.2	<0.2	0.12 (J)			<0.2		1.4
9/24/2018		<0.2							
9/27/2018	<0.2								
9/28/2018								0.082 (J)	
10/2/2018						0.13 (J)			
10/3/2018			<0.2	0.13 (J)	<0.2		<0.2		
10/4/2018									1.4
2/25/2019	<0.2	0.032 (J)							
2/26/2019			<0.2	0.14 (J)	<0.2	0.074 (J)	<0.2	0.23	
2/28/2019									1.4
4/1/2019	<0.2	0.061 (J)							
4/2/2019			0.039 (J)	0.14 (J)	<0.2	0.09 (J)	<0.2	0.21	
4/3/2019									1.3
9/16/2019	0.03 (J)				<0.2	0.1 (J)			
9/17/2019		0.061 (J)		0.14 (J)				0.079 (J)	
9/18/2019			0.033 (J)				0.027 (J)		
9/19/2019									1.3
2/3/2020	0.032 (J)	0.061 (J)							
2/4/2020			0.031 (J)	0.13	<0.2	0.13			
2/5/2020							0.026 (J)	0.12	1.3
3/16/2020	0.042 (J)	0.052 (J)							

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

Time Series

Constituent: Fluoride (mg/L) Analysis Run 8/17/2026 12:56 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWA-1 (bg)	WGWA-2 (bg)	WGWA-3 (bg)	WGWA-4 (bg)	WGWA-5 (bg)	WGWA-6 (bg)	WGWA-7 (bg)	WGWA-18 (bg)	WGWC-9
3/17/2020			0.04 (J)	0.11	<0.2	0.037 (J)	0.044 (J)	<0.2	
3/19/2020									1
9/21/2020		0.037 (J)	<0.2	0.091 (J)					
9/22/2020	<0.2				<0.2	0.068 (J)	<0.2	0.1	
9/23/2020									0.82
2/2/2021	0.028 (J)	0.065 (J)	0.035 (J)	0.15			<0.2	0.071 (J)	
2/3/2021					<0.2	0.088 (J)			
2/4/2021									0.91
3/10/2021		0.045 (J)	<0.2	0.12	<0.2		<0.2	0.046 (J)	
3/11/2021	<0.2					0.092 (J)			
3/12/2021									0.98
8/23/2021		0.097 (J)							
8/24/2021	0.062 (J)			0.17	0.073 (J)	0.16	0.054 (J)		
8/25/2021			0.077 (J)					0.13	
8/26/2021									1
2/28/2022				0.083 (J)					
3/1/2022	<0.2	0.058 (J)	<0.2		<0.2	0.063 (J)			
3/3/2022							0.038 (J)	0.078 (J)	1
8/15/2022	<0.2	0.057 (J)			<0.2	0.093 (J)			
8/16/2022			<0.2	0.12			<0.2	0.06 (J)	
8/17/2022									0.9
2/14/2023	<0.2	0.07 (J)	0.041 (J)		<0.2	0.11	<0.2	0.053 (J)	
2/15/2023				0.14					0.85
8/14/2023	<0.2	0.061 (J)							
8/15/2023			0.04 (J)	0.14	<0.2	0.12	<0.2	0.051 (J)	
8/16/2023									0.9
2/13/2024	<0.2	<0.2	<0.2	0.087 (J)		0.07 (J)	<0.2	0.076 (J)	
2/14/2024									0.73
2/16/2024					<0.2				
7/30/2024	<0.2	0.044 (J)	<0.2	0.089 (J)		0.09 (J)	<0.2	0.057 (J)	
8/1/2024									0.9
2/10/2025	<0.2	<0.2	<0.2						
2/11/2025				<0.2		<0.2	<0.2	<0.2	0.4
8/12/2025	<0.2	<0.2	<0.2	<0.2		<0.2		<0.2	
8/13/2025							<0.2		
8/19/2025									0.9
2/9/2026		0.14 (J)	0.1 (J)	0.21		0.18 (J)	0.11 (J)		
2/10/2026	0.1 (J)							0.13 (J)	
2/13/2026									0.96

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

Time Series

Constituent: Fluoride (mg/L) Analysis Run 8/17/2026 12:56 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-10	WGWC-11	WGWC-12	WGWC-13	WGWC-14A	WGWC-15	WGWC-16	WGWC-17	WGWC-19
5/18/2016	0.206 (J)					0.779	0.1 (J)	0.121 (J)	
5/19/2016		0.039 (J)	0.12 (J)	0.384					
7/19/2016						0.97	0.14 (J)		
7/20/2016	0.23	<0.2	0.11 (J)	0.34				0.16 (J)	
9/14/2016	0.17 (J)	<0.2	0.095 (J)	0.31		0.89	0.18 (J)	0.19 (J)	
11/10/2016				0.26		0.88	0.11 (J)	0.15 (J)	
11/11/2016	0.14 (J)	<0.2	<0.2						0.32
1/20/2017								0.18 (J)	
1/24/2017						0.92	0.15 (J)		
1/27/2017		<0.2	<0.2	0.28					
2/6/2017	0.15 (J)								0.45
2/8/2017					<0.2				
2/23/2017					<0.2				
3/14/2017						0.77		0.11 (J)	
3/15/2017	0.16 (J)	<0.2	<0.2	0.3			0.1 (J)		0.37
3/17/2017					<0.2				
4/11/2017					<0.2				0.37
4/25/2017						0.95	0.13 (J)	0.13 (J)	
4/26/2017	0.17 (J)	<0.2	<0.2	0.33	<0.2				0.4
5/17/2017					<0.2				
6/7/2017					<0.2				0.35
7/11/2017					<0.2				0.39
8/9/2017				0.32		0.91	0.18 (J)	0.19 (J)	
8/10/2017	0.2	<0.2	0.11 (J)						0.42
10/11/2017					<0.2	0.88	<0.2	0.14 (J)	
10/12/2017	0.14 (J)	<0.2	0.091 (J)	0.28					0.36
3/29/2018		<0.2	0.089 (J)	0.27	<0.2		0.13 (J)		0.34
3/30/2018	0.13 (J)					0.79		0.095 (J)	
6/14/2018	0.15 (J)	<0.2	0.1 (J)	0.27	<0.2	0.79	<0.2	0.11 (J)	0.35
10/3/2018						0.79			
10/4/2018	0.18 (J)	<0.2	0.12 (J)	0.23	<0.2		0.85 (J)	0.11 (J)	0.35
2/26/2019								0.068 (J)	
2/27/2019	0.21	0.047 (J)	0.06 (J)	0.25	<0.2	0.81	0.47		
2/28/2019									0.28
4/2/2019									0.33
4/3/2019		0.048 (J)	0.084 (J)	0.24	0.048 (J)				
4/4/2019	0.13 (J)					0.78	0.08 (J)	0.087 (J)	
9/18/2019				0.22	0.035 (J)	0.81	0.058 (J)	0.066 (J)	0.32
9/19/2019	0.13 (J)	0.037 (J)	0.093 (J)						
2/5/2020	0.14	0.045 (J)	0.098 (J)	0.2	0.04 (J)				
2/7/2020						0.79	0.072 (J)	0.079 (J)	0.35
3/18/2020	0.052 (J)	<0.2	0.033 (J)			0.71	0.084 (J)	<0.2	
3/19/2020				0.15	<0.2				
5/4/2020									0.36
9/23/2020	0.09 (J)		0.064 (J)			0.63	0.049 (J)	0.05 (J)	0.25
9/24/2020		0.18		<0.2	0.028 (J)				
2/3/2021		0.027 (J)	0.082 (J)						0.3
2/4/2021	0.12			0.16	0.033 (J)	0.69	0.052 (J)	0.064 (J)	
3/11/2021	0.15			0.18	0.04 (J)		0.061 (J)	0.05 (J)	0.31
3/12/2021		0.044 (J)	0.096 (J)			0.88			
8/25/2021		0.056 (J)	0.14	0.2	0.071 (J)		0.099 (J)	0.093 (J)	
8/26/2021	0.16					0.77			0.38

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

Time Series

Constituent: Fluoride (mg/L) Analysis Run 8/17/2026 12:56 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-10	WGWC-11	WGWC-12	WGWC-13	WGWC-14A	WGWC-15	WGWC-16	WGWC-17	WGWC-19
3/3/2022	0.067 (J)	0.055 (J)		0.21	0.057 (J)	0.88	0.067 (J)		0.4
3/4/2022			0.068 (J)					0.06 (J)	
8/16/2022		<0.2						0.06 (J)	
8/17/2022						0.68	0.062 (J)		0.28
8/18/2022			0.073 (J)	0.14					
8/19/2022	0.1				<0.2				
2/15/2023						0.73	0.076 (J)		
2/16/2023	0.11	0.041 (J)	0.089 (J)	0.15	<0.2			0.069 (J)	0.33
8/15/2023							0.065 (J)		
8/16/2023		0.041 (J)	0.083 (J)	0.13	0.04 (J)	0.73		0.064 (J)	0.34
8/17/2023	0.1								
2/14/2024			0.044 (J)						
2/15/2024	<0.2			0.21 (J)	<0.2	0.89	<0.2	<0.2	0.4
2/16/2024		<0.2							
7/30/2024							<0.2		
7/31/2024	0.1	<0.2	0.077 (J)	0.15		0.62		0.049 (J)	0.28
8/2/2024					<0.2				
2/11/2025		<0.2	<0.2					<0.2	
2/12/2025				<0.2	<0.2		<0.2		
2/13/2025	<0.2					0.72			0.058 (J)
8/13/2025						0.74		0.22	
8/14/2025				0.26	0.2		0.23		0.45
8/15/2025			0.22						
8/18/2025		0.17 (J)							
8/19/2025	0.3								
2/10/2026	0.18 (J)	0.1 (J)		0.22	0.1 (J)	0.83	0.15 (J)		
2/11/2026			0.16 (J)					0.17 (J)	0.35

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

Time Series

Constituent: Fluoride (mg/L) Analysis Run 8/17/2026 12:56 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-20	WGWC-21	WGWC-22	WGWC-23	WGWC-24	WGWC-25	WGWC-27	WGWC-28D	WAMW-1
10/18/2018									0.6
3/8/2021	1.8					<0.2			
3/9/2021		1.7	1.1	0.092 (J)	1				
4/7/2021		1.6		0.093 (J)	1.1				
4/8/2021	1.7		1.4			0.028 (J)			
8/26/2021	2	2	0.51	0.081 (J)	1.2	0.047 (J)			
1/11/2022		1.9	0.45	0.045 (J)	1	0.028 (J)			
1/12/2022	1.8								
3/3/2022		1.8			0.71				
3/4/2022	2		0.42	0.045 (J)		0.038 (J)			
6/6/2022		1.9		0.028 (J)	0.43				
6/7/2022	2.5		0.37			<0.2			
8/16/2022		1.8							
8/17/2022				0.043 (J)		<0.2			
8/18/2022	2				0.24				
8/19/2022			0.31						
10/19/2022							0.52		
2/15/2023			0.31	0.048 (J)	0.63	<0.2			
2/16/2023	1.9	1.9					0.92		
8/11/2023	2.1						1.1		
8/15/2023						0.049 (J)			
8/17/2023		1.8	0.32	0.045 (J)	0.28				
9/26/2023								1.6	
11/7/2023								2.1	
2/13/2024	<0.2								
2/14/2024			0.23		<0.2			<0.2	
2/15/2024		2.2		<0.2		<0.2	1.2		
7/31/2024	1.8			0.045 (J)	0.1 (J)	<0.2			
8/1/2024		<0.2					0.66	<0.2	
8/2/2024			<0.2						
1/8/2025									0.33
2/12/2025	<0.2		<0.2			<0.2	<0.2	<0.2	<0.2
2/13/2025		<0.2		<0.2	<0.2				
8/13/2025						<0.2			
8/14/2025	2.4							1.3	0.56
8/18/2025			0.34		0.28		0.92		
8/19/2025		2		0.18 (J)					
11/13/2025								4.4 (R)	
2/10/2026	2				0.28		0.8		
2/11/2026		2	0.28	0.1 (J)		0.099 (J)			
2/12/2026								1.9	0.38

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

Time Series

Constituent: Fluoride (mg/L) Analysis Run 8/17/2026 12:56 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WAMW-2	PZ-26D	WGWC-30	WGWC-31D	WGWC-31S	WGWC-32	WGWC-33	WGWC-34D	WGWC-34S
10/16/2018	0.47								
3/9/2021		0.26							
4/7/2021		0.22							
8/17/2023		0.22							
2/15/2024		0.29 (J)							
8/1/2024		0.1 (J)							
12/9/2024	0.27								
2/12/2025	0.13								
2/13/2025		<0.2							
8/13/2025		0.33							
8/19/2025	0.44								
8/20/2025			0.18 (J)		0.24	0.25	0.96		
8/21/2025				2.8				0.74	
8/25/2025									<0.2
11/10/2025						0.16 (J)			
11/11/2025					0.12 (J)			0.45	0.37
11/12/2025				3			1		
11/13/2025			0.12 (J)						
2/9/2026					0.24				0.26
2/10/2026			0.21	2.9					
2/11/2026	0.32					0.16 (J)	0.94	0.58	
2/12/2026		0.29							

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

Time Series

Constituent: Fluoride (mg/L) Analysis Run 8/17/2026 12:56 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-35D	WGWC-35S	WGWC-36D	WGWC-36S	WGWC-37D	WGWC-37S	WGWC-38D	WGWC-38S	WGWC-39
8/20/2025							0.32		
8/21/2025				3.7		3.8		5.4	0.47
8/26/2025	0.18 (J)	0.25	0.089 (J)						
8/27/2025					<0.2				
11/10/2025			0.34				0.16 (J)		
11/11/2025					0.14 (J)				
11/12/2025	0.28	0.34						0.17 (J)	
11/13/2025				0.26		0.34			0.22
2/9/2026					2.4				
2/10/2026			0.27			0.45			0.22
2/11/2026	0.17 (J)			1.8 (J)					
2/12/2026		0.26					0.21	2.2 (J)	

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

Time Series

Constituent: Fluoride (mg/L) Analysis Run 8/17/2026 12:56 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-40	WGWC-41	WGWC-42	WGWC-8A	PZ-31
5/9/2024					<0.2
2/13/2025					<0.2
8/13/2025					0.2
8/20/2025	0.16 (J)		0.15 (J)		
8/21/2025		0.7			
11/10/2025			0.13 (J)		
11/11/2025	0.13 (J)				
1/8/2026			0.083 (J)		
2/11/2026	0.1 (J)	1.4			
2/12/2026					0.1 (J)
2/13/2026				3.6	

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

Time Series

Constituent: Lead (mg/L) Analysis Run 8/17/2026 12:56 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWA-1 (bg)	WGWA-2 (bg)	WGWA-3 (bg)	WGWA-4 (bg)	WGWA-5 (bg)	WGWA-6 (bg)	WGWA-7 (bg)	WGWA-18 (bg)	WGWC-9
5/17/2016	<0.001	<0.001						<0.001	
5/18/2016			<0.001	<0.001	<0.001	<0.001	<0.001		
5/19/2016									<0.001
7/19/2016	<0.001	<0.001			<0.001	<0.001	<0.001	<0.001	
7/20/2016			<0.001	<0.001					<0.001
9/13/2016	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	
9/14/2016					<0.001				<0.001
11/9/2016	<0.001	<0.001				<0.001		<0.001	
11/10/2016			<0.001	<0.001			<0.001		
1/17/2017	<0.001	<0.001							
1/18/2017			<0.001	<0.001		<0.001	<0.001		
1/19/2017					<0.001			<0.001	
2/9/2017									<0.001
3/13/2017	<0.001	<0.001							
3/14/2017			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
3/15/2017									<0.001
4/11/2017									<0.001
4/24/2017	<0.001	<0.001							
4/25/2017			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
4/26/2017									<0.001
8/8/2017	<0.001	<0.001	<0.001			<0.001	<0.001	<0.001	
8/9/2017				<0.001	<0.001				
8/10/2017									<0.001
8/25/2017					<0.001				
3/27/2018	<0.001	<0.001							
3/28/2018			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
3/29/2018									<0.001
2/25/2019	<0.001	0.00019 (J)							
2/26/2019			<0.001	0.00046 (J)	0.00028 (J)	0.00037 (J)	<0.001	<0.001	
2/28/2019									0.00014 (J)
4/1/2019	<0.001	<0.001							
4/2/2019			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
4/3/2019									<0.001
9/16/2019	<0.001				<0.001	<0.001			
9/17/2019		<0.001		<0.001				<0.001	
9/18/2019			<0.001				<0.001		
9/19/2019									<0.001
2/3/2020	<0.001	0.00013 (J)							
2/4/2020			0.00013 (J)	0.00019 (J)	0.00024 (J)	<0.001			
2/5/2020							<0.001	<0.001	<0.001
3/16/2020	0.00021 (J)	0.00018 (J)							
3/17/2020			0.00019 (J)	0.00016 (J)	<0.001	0.00017 (J)	<0.001	<0.001	
3/19/2020									<0.001
9/21/2020		<0.001	<0.001	<0.001					
9/22/2020	<0.001				<0.001	<0.001	<0.001	<0.001	
9/23/2020									<0.001
2/2/2021	0.00015 (J)	0.00015 (J)	<0.001	<0.001			<0.001	<0.001	
2/3/2021					0.00019 (J)	<0.001			
2/4/2021									<0.001
3/10/2021		0.00019 (J)	<0.001	<0.001	<0.001		<0.001	<0.001	
3/11/2021	<0.001					<0.001			
3/12/2021									<0.001

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

Time Series

Constituent: Lead (mg/L) Analysis Run 8/17/2026 12:56 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWA-1 (bg)	WGWA-2 (bg)	WGWA-3 (bg)	WGWA-4 (bg)	WGWA-5 (bg)	WGWA-6 (bg)	WGWA-7 (bg)	WGWA-18 (bg)	WGWC-9
8/23/2021		0.00023 (J)							
8/24/2021	<0.001			<0.001	<0.001	<0.001	<0.001		
8/25/2021			<0.001					<0.001	
8/26/2021									<0.001
2/28/2022				<0.001					
3/1/2022	<0.001	<0.001	<0.001		<0.001	<0.001			
3/3/2022							<0.001	<0.001	<0.001
8/15/2022	<0.001	<0.001			<0.001	0.00019 (J)			
8/16/2022			<0.001	<0.001			<0.001	<0.001	
8/17/2022									<0.001
2/14/2023	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	
2/15/2023				<0.001					<0.001
8/14/2023	<0.001	<0.001							
8/15/2023			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
8/16/2023									<0.001
2/13/2024	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	
2/14/2024									<0.001
2/16/2024					<0.001				
7/30/2024	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	
8/1/2024									<0.001
2/10/2025	<0.001	<0.001	<0.001						
2/11/2025				0.0015		<0.001	<0.001	<0.001	<0.001
8/12/2025	<0.001	<0.001	<0.001	<0.001		<0.001		<0.001	
8/13/2025							<0.001		
8/19/2025									<0.001
2/9/2026		<0.001	<0.001	<0.001		<0.001	<0.001		
2/10/2026	<0.001							<0.001	
2/13/2026									<0.001

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

Time Series

Constituent: Lead (mg/L) Analysis Run 8/17/2026 12:56 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-10	WGWC-11	WGWC-12	WGWC-13	WGWC-14A	WGWC-15	WGWC-16	WGWC-17	WGWC-19
5/18/2016	<0.001					<0.001	<0.001	<0.001	
5/19/2016		<0.001	<0.001	<0.001					
7/19/2016						<0.001	<0.001		
7/20/2016	<0.001	<0.001	<0.001	<0.001				<0.001	
9/14/2016	<0.001	<0.001	<0.001	0.00055 (J)		<0.001	<0.001	<0.001	
11/10/2016				0.00047 (J)		<0.001	<0.001	<0.001	
11/11/2016	<0.001	<0.001	<0.001						<0.001
1/20/2017								<0.001	
1/24/2017						<0.001	<0.001		
1/27/2017		<0.001	<0.001	<0.001					
2/6/2017	<0.001								<0.001
2/8/2017					<0.001				
2/23/2017					<0.001				
3/14/2017						<0.001		<0.001	
3/15/2017	<0.001	<0.001	<0.001	<0.001			<0.001		<0.001
3/17/2017					<0.001				
4/11/2017					<0.001				<0.001
4/25/2017						<0.001	<0.001	<0.001	
4/26/2017	<0.001	<0.001	<0.001	<0.001	<0.001				<0.001
5/17/2017					<0.001				
6/7/2017					<0.001				<0.001
7/11/2017					<0.001				<0.001
8/9/2017				<0.001		<0.001	<0.001	<0.001	
8/10/2017	<0.001	<0.001	<0.001						<0.001
3/29/2018		<0.001	<0.001	<0.001	<0.001		<0.001		<0.001
3/30/2018	<0.001					<0.001		<0.001	
2/26/2019								0.00033 (J)	
2/27/2019	0.00023 (J)	0.00058 (J)	<0.001	0.00068 (J)	<0.001	<0.001	0.00014 (J)		
2/28/2019									<0.001
4/2/2019									<0.001
4/3/2019		<0.001	<0.001	0.00047 (J)	<0.001				
4/4/2019	<0.001					<0.001	<0.001	<0.001	
9/18/2019				0.00045 (J)	<0.001	<0.001	<0.001	<0.001	<0.001
9/19/2019	0.00041 (J)	<0.001	<0.001						
2/5/2020	0.00016 (J)	<0.001	<0.001	0.00045 (J)	<0.001				
2/7/2020						<0.001	<0.001	<0.001	<0.001
3/18/2020	0.00021 (J)	<0.001	<0.001			<0.001	<0.001	0.0002 (J)	
3/19/2020				0.0006 (J)	0.00017 (J)				
5/4/2020									<0.001
9/23/2020	0.00013 (J)		<0.001			<0.001	<0.001	<0.001	<0.001
9/24/2020		0.00037 (J)		<0.001	0.00018 (J)				
2/3/2021		<0.001	<0.001						<0.001
2/4/2021	0.00019 (J)			0.00038 (J)	0.00013 (J)	0.0003 (J)	0.00013 (J)	<0.001	
3/11/2021	0.00032 (J)			0.00075 (J)	0.00031 (J)		<0.001	<0.001	<0.001
3/12/2021		0.00038 (J)	<0.001			<0.001			
8/25/2021		0.00023 (J)	<0.001	0.00025 (J)	0.00041 (J)		<0.001	<0.001	
8/26/2021	0.00026 (J)					<0.001			<0.001
3/3/2022	0.00025 (J)	<0.001		0.00023 (J)	0.00057 (J)	<0.001	<0.001		0.0003 (J)
3/4/2022			0.00033 (J)					<0.001	
8/16/2022		<0.001						<0.001	
8/17/2022						<0.001	<0.001		<0.001
8/18/2022			<0.001	0.0011					

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

Time Series

Constituent: Lead (mg/L) Analysis Run 8/17/2026 12:56 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-10	WGWC-11	WGWC-12	WGWC-13	WGWC-14A	WGWC-15	WGWC-16	WGWC-17	WGWC-19
8/19/2022	0.0003 (J)				0.00036 (J)				
2/15/2023						<0.001	<0.001		
2/16/2023	<0.001	<0.001	<0.001	0.00027 (J)	0.00024 (J)			<0.001	<0.001
8/15/2023							<0.001		
8/16/2023		<0.001	<0.001	0.00025 (J)	0.00022 (J)	<0.001		<0.001	<0.001
8/17/2023	<0.001								
2/14/2024			<0.001						
2/15/2024	0.0007 (J)			<0.001	0.00029 (J)	<0.001	<0.001	<0.001	<0.001
2/16/2024		<0.001							
7/30/2024							<0.001		
7/31/2024	<0.001	<0.001	<0.001	0.00026 (J)		<0.001		<0.001	<0.001
8/2/2024					<0.001				
2/11/2025		<0.001	<0.001					<0.001	
2/12/2025				0.00022 (J)	<0.001		<0.001		
2/13/2025	<0.001					<0.001			<0.001
8/13/2025						<0.001		<0.001	
8/14/2025				<0.001	<0.001		<0.001		<0.001
8/15/2025			<0.001						
8/18/2025		<0.001							
8/19/2025	<0.001								
2/10/2026	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001		
2/11/2026			<0.001					<0.001	<0.001

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

Time Series

Constituent: Lead (mg/L) Analysis Run 8/17/2026 12:56 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-20	WGWC-21	WGWC-22	WGWC-23	WGWC-24	WGWC-25	WGWC-27	WGWC-28D	WAMW-1
8/26/2021	<0.001	<0.001	0.00022 (J)	<0.001	0.0012	<0.001			
1/11/2022		<0.001	0.00023 (J)	<0.001	0.00082 (J)	<0.001			
1/12/2022	<0.001								
3/3/2022		<0.001			0.00076 (J)				
3/4/2022	<0.001		0.00036 (J)	<0.001		<0.001			
6/6/2022		<0.001		<0.001	0.00047 (J)				
6/7/2022	<0.001		<0.001			<0.001			
8/16/2022		<0.001							
8/17/2022				<0.001		<0.001			
8/18/2022	<0.001				0.00032 (J)				
8/19/2022			0.00037 (J)						
10/19/2022							<0.001		
2/15/2023			0.00023 (J)	0.0046	0.00056 (J)	<0.001			
2/16/2023	<0.001	<0.001					<0.001		
8/11/2023	<0.001						<0.001		
8/15/2023						<0.001			
8/17/2023		<0.001	<0.001	<0.001	0.00029 (J)				
9/26/2023								<0.001	
2/13/2024	<0.001								
2/14/2024			<0.001		0.00037 (J)			0.00022 (J)	
2/15/2024		<0.001		<0.001		<0.001	<0.001		
7/31/2024	<0.001			<0.001	0.00025 (J)	<0.001			
8/1/2024		<0.001					<0.001	<0.001	
8/2/2024			<0.001						
2/12/2025	<0.001		<0.001			0.00065 (J)	<0.001	<0.001	<0.001
2/13/2025		<0.001		0.002	0.0005 (J)				
8/13/2025						<0.001			
8/14/2025	<0.001							<0.001	<0.001
8/18/2025			<0.001		<0.001		<0.001		
8/19/2025		<0.001		<0.001					
2/10/2026	<0.001				<0.001		<0.001		
2/11/2026		<0.001	<0.001	<0.001		<0.001			
2/12/2026								<0.001	<0.001

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

Time Series

Constituent: Lead (mg/L) Analysis Run 8/17/2026 12:56 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WAMW-2	PZ-26D	WGWC-30	WGWC-31D	WGWC-31S	WGWC-32	WGWC-33	WGWC-34D	WGWC-34S
8/17/2023		<0.001							
2/15/2024		<0.001							
8/1/2024		<0.001							
2/12/2025	<0.001								
2/13/2025		0.001							
8/13/2025		<0.001							
8/19/2025	<0.001								
8/20/2025			<0.001		<0.001	<0.001	<0.001		
8/21/2025				<0.001				0.0025	
8/25/2025									<0.001
11/10/2025						<0.001			
11/11/2025					<0.001			<0.001	<0.001
11/12/2025				<0.001			<0.001		
11/13/2025			<0.001						
2/9/2026					<0.001				<0.001
2/10/2026			<0.001	<0.001					
2/11/2026	<0.001					<0.001	<0.001	<0.001	
2/12/2026		<0.001							

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

Time Series

Constituent: Lead (mg/L) Analysis Run 8/17/2026 12:56 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-35D	WGWC-35S	WGWC-36D	WGWC-36S	WGWC-37D	WGWC-37S	WGWC-38D	WGWC-38S	WGWC-39
8/20/2025							0.012		
8/21/2025				<0.001		<0.001		<0.001	0.00089 (J)
8/26/2025	<0.001	<0.001	<0.001						
8/27/2025					<0.001				
11/10/2025			<0.001				0.0069		
11/11/2025					<0.001				
11/12/2025	<0.001	<0.001						<0.001	
11/13/2025				<0.001		0.0023			0.001
2/9/2026					<0.001				
2/10/2026			<0.001			0.0029			0.001
2/11/2026	<0.001			<0.001					
2/12/2026		<0.001					0.02	<0.001	

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

Time Series

Constituent: Lead (mg/L) Analysis Run 8/17/2026 12:56 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-40	WGWC-41	WGWC-42	WGWC-8A	PZ-31
2/13/2025					0.0007 (J)
8/13/2025					<0.001
8/20/2025	<0.001		<0.001		
8/21/2025		<0.001			
11/10/2025			0.019		
11/11/2025	0.001				
1/8/2026			<0.001		
2/11/2026	<0.001	<0.001			
2/12/2026					0.0012
2/13/2026				<0.001	

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

Time Series

Constituent: Lithium (mg/L) Analysis Run 8/17/2026 12:56 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWA-1 (bg)	WGWA-2 (bg)	WGWA-3 (bg)	WGWA-4 (bg)	WGWA-5 (bg)	WGWA-6 (bg)	WGWA-7 (bg)	WGWA-18 (bg)	WGWC-9
5/17/2016	<0.05 (O)	<0.05 (O)						<0.05 (O)	
5/18/2016			<0.05 (O)	<0.05 (O)	<0.05 (O)	<0.05 (O)	<0.05 (O)		
5/19/2016									0.0335 (J)
7/19/2016	<0.02	0.005			<0.005	0.0043 (J)	<0.02	<0.02	
7/20/2016			<0.02	0.0041 (J)					0.024
9/13/2016	<0.02	0.0075	<0.02	0.0042 (J)		0.0045 (J)	<0.02	<0.02	
9/14/2016					<0.005				0.039
11/9/2016	0.0032 (J)	0.0078				0.0036 (J)		<0.02	
11/10/2016			<0.02	0.0048 (J)			<0.02		
1/17/2017	<0.02	0.009							
1/18/2017			<0.02	0.0033 (J)		0.0046 (J)	<0.02		
1/19/2017					<0.005			<0.02	
2/9/2017									0.04
3/13/2017	<0.02	0.0069							
3/14/2017			<0.02	0.0033 (J)	<0.005	0.0038 (J)	<0.02	<0.02	
3/15/2017									0.035
4/11/2017									0.034
4/24/2017	<0.02	0.0049 (J)							
4/25/2017			<0.02	0.0037 (J)	<0.005	<0.005	<0.02	<0.02	
4/26/2017									0.029
8/8/2017	0.0032 (J)	0.0075	<0.02			0.0043 (J)	<0.02	<0.02	
8/9/2017				0.0042 (J)	<0.005				
8/10/2017									0.038
8/25/2017					<0.005				
3/27/2018	0.0045 (J)	0.0081							
3/28/2018			0.0013 (J)	0.0056	<0.005	0.0064	0.0014 (J)	0.0012 (J)	
3/29/2018									0.048
6/13/2018	0.0033 (J)				<0.005	0.0041 (J)		<0.02	
6/14/2018		0.0072	0.0012 (J)	0.0045 (J)			<0.02		0.034
9/24/2018		0.0082							
9/27/2018	0.0042 (J)								
9/28/2018								0.0013 (J)	
10/2/2018						0.0038 (J)			
10/3/2018			0.0012 (J)	0.005	<0.005		<0.02		
10/4/2018									0.039
2/25/2019	0.0049 (J)	0.0072							
2/26/2019			<0.02	0.0069	<0.005	0.0068	<0.02	<0.02	
2/28/2019									0.037
4/1/2019	0.0044 (J)	0.0055							
4/2/2019			<0.02	0.0036 (J)	0.0016 (J)	0.0052	<0.02	0.0012 (J)	
4/3/2019									0.035
9/16/2019	0.004 (J)				0.028 (O)	0.032 (O)			
9/17/2019		0.0083		0.0049 (J)				<0.02	
9/18/2019			<0.02				<0.02		
9/19/2019									0.036
2/3/2020	<0.02	0.0085							
2/4/2020			<0.02	0.0055	<0.005	0.0053			
2/5/2020							<0.02	<0.02	0.034
3/16/2020	0.0053	0.0083							
3/17/2020			<0.02	0.0059	<0.005	0.0055	<0.02	<0.02	
3/19/2020									0.039
9/21/2020		0.0075	<0.02	0.005					

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

Time Series

Constituent: Lithium (mg/L) Analysis Run 8/17/2026 12:56 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWA-1 (bg)	WGWA-2 (bg)	WGWA-3 (bg)	WGWA-4 (bg)	WGWA-5 (bg)	WGWA-6 (bg)	WGWA-7 (bg)	WGWA-18 (bg)	WGWC-9
9/22/2020	0.0036 (J)				<0.005	0.0049 (J)	<0.02	<0.02	
9/23/2020									0.033
2/2/2021	<0.02	0.0065	<0.02	0.0039 (J)			<0.02	<0.02	
2/3/2021					<0.005	0.0047 (J)			
2/4/2021									0.035
3/10/2021		0.0075	<0.02	0.0049 (J)	<0.005		<0.02	<0.02	
3/11/2021	0.0039 (J)					0.005			
3/12/2021									0.034
8/23/2021		0.0066							
8/24/2021	<0.02			0.0036 (J)	<0.005	0.0041 (J)	<0.02		
8/25/2021			<0.02					<0.02	
8/26/2021									0.03
2/28/2022				0.005					
3/1/2022	0.0029 (J)	0.0085	<0.02		<0.005	0.006			
3/3/2022							<0.02	<0.02	0.03
8/15/2022	0.0032 (J)	0.007			<0.005	0.0047 (J)			
8/16/2022			<0.02	0.0043 (J)			<0.02	<0.02	
8/17/2022									0.028
2/14/2023	0.0029 (J)	0.006	<0.02		<0.005	0.0045 (J)	<0.02	<0.02	
2/15/2023				0.0041 (J)					0.033
8/14/2023	<0.02	0.0026 (J)							
8/15/2023			<0.02	<0.005	<0.005	<0.005	<0.02	<0.02	
8/16/2023									0.03
2/13/2024	0.0049 (J)	0.0082	<0.02	0.0061		0.0054	<0.02	0.0028 (J)	
2/14/2024									0.026
2/16/2024					<0.005				
7/30/2024	0.002 (J)	0.004 (J)	<0.02	<0.005		0.0027 (J)	<0.02	<0.02	
8/1/2024									0.032
2/10/2025	0.0091	0.013	<0.02						
2/11/2025				<0.005		<0.005	<0.02	0.0047 (J)	0.029
8/12/2025	0.0038 (J)	0.0082 (J)	<0.02	0.0053 (J)		0.0058 (J)		<0.02	
8/13/2025							<0.02		
8/19/2025									0.035
2/9/2026		0.0078 (J)	<0.02	0.0048 (J)		0.0048 (J)	<0.02		
2/10/2026	<0.02							<0.02	
2/13/2026									0.036

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

Time Series

Constituent: Lithium (mg/L) Analysis Run 8/17/2026 12:56 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-10	WGWC-11	WGWC-12	WGWC-13	WGWC-14A	WGWC-15	WGWC-16	WGWC-17	WGWC-19
5/18/2016	0.032 (J)					<0.005	<0.02	<0.05	
5/19/2016		<0.02	<0.05	<0.02					
7/19/2016						0.0036 (J)	0.0091		
7/20/2016	0.021	<0.02	0.0057	<0.02				0.0042 (J)	
9/14/2016	0.02	<0.02	0.0077	<0.02		<0.005	0.012	0.0058	
11/10/2016				0.0038 (J)		0.0064	0.013	0.0066	
11/11/2016	0.017	<0.02	0.007						0.045
1/20/2017								0.0044 (J)	
1/24/2017						0.0075	0.011		
1/27/2017		<0.02	0.0074	<0.02					
2/6/2017	0.016								0.05
2/8/2017					0.0039 (J)				
2/23/2017					<0.02				
3/14/2017						0.0057		0.0048 (J)	
3/15/2017	0.014	<0.02	0.0077	<0.02			0.01		0.052
3/17/2017					<0.02				
4/11/2017					<0.02				0.048
4/25/2017						0.0059	0.0081	0.0049 (J)	
4/26/2017	0.011	<0.02	0.0011	<0.02	<0.02				0.044
5/17/2017					0.0033 (J)				
6/7/2017					<0.02				0.047
7/11/2017					<0.02				0.045
8/9/2017				<0.02		0.0068	0.013	0.0067	
8/10/2017	0.011	<0.02	0.0064						0.056
3/29/2018		0.0018 (J)	0.01	0.0022 (J)	0.0025 (J)		0.015		0.072
3/30/2018	0.016					0.0077		0.0067	
6/14/2018	0.0084	0.0011 (J)	0.0062	0.0018 (J)	0.0018 (J)	0.0052	0.009	0.0046 (J)	0.048
10/3/2018						0.006			
10/4/2018	0.0085	0.0014 (J)	0.0066	0.0025 (J)	0.0016 (J)		0.012	0.005	0.062
2/26/2019								0.0063	
2/27/2019	0.0068	<0.02	0.0068	<0.02	<0.02	0.0055	0.0075		
2/28/2019									0.045
4/2/2019									0.052
4/3/2019		<0.02	0.0075	<0.02	0.0015 (J)				
4/4/2019	0.0059					0.0054	0.0077	0.0042 (J)	
9/18/2019				<0.02	<0.02	0.0054	0.0056	0.0047 (J)	0.052
9/19/2019	0.0075	<0.02	0.0067						
2/5/2020	0.0061	<0.02	0.0063	<0.02	<0.02				
2/7/2020						0.0068	0.0053	0.0045 (J)	0.044
3/18/2020	0.0071	<0.02	0.0081			0.0086	0.0057	0.0054	
3/19/2020				<0.02	<0.02				
5/4/2020									0.049
9/23/2020	0.0054		0.007			0.0071	0.0059	0.0056	0.056
9/24/2020		<0.02		<0.02	<0.02				
2/3/2021		<0.02	0.0075						0.06
2/4/2021	0.0049 (J)			<0.02	<0.02	0.0086	0.0051	0.0047 (J)	
3/11/2021	0.0051			0.0037 (J)	0.0035 (J)		0.005	0.0049 (J)	0.051
3/12/2021		<0.02	0.0089			0.0096			
8/25/2021		<0.02	0.0061	<0.02	<0.02		0.0046 (J)	0.0048 (J)	
8/26/2021	0.0044 (J)					0.0059			0.057
3/3/2022	0.0038 (J)	<0.02		0.0018 (J)	0.0019 (J)	0.0068	0.0041 (J)		0.057
3/4/2022			0.0061					0.0042 (J)	

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

Time Series

Constituent: Lithium (mg/L) Analysis Run 8/17/2026 12:56 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-10	WGWC-11	WGWC-12	WGWC-13	WGWC-14A	WGWC-15	WGWC-16	WGWC-17	WGWC-19
8/16/2022		0.00092 (J)						0.0053	
8/17/2022						0.0073	0.0042 (J)		0.056
8/18/2022			0.0063	0.0024 (J)					
8/19/2022	0.0049 (J)				0.0021 (J)				
2/15/2023						0.0062	0.0044 (J)		
2/16/2023	0.0025 (J)	<0.02	0.0036 (J)	<0.02	<0.02			0.0026 (J)	0.053
8/15/2023							<0.02		
8/16/2023		<0.02	0.0056	<0.02	<0.02	0.0055		0.0031 (J)	0.062
8/17/2023	0.0024 (J)								
2/14/2024			0.0045 (J)						
2/15/2024	0.0088			<0.02	<0.02	0.0055	0.0032 (J)	0.0026 (J)	0.056
2/16/2024		<0.02							
7/30/2024							<0.02		
7/31/2024	0.0048 (J)	0.0025 (J)	0.0089	0.0026 (J)		0.01		0.0029 (J)	0.067
8/2/2024					<0.02				
2/11/2025		<0.02	0.0032 (J)					0.0034 (J)	
2/12/2025				<0.02	<0.02		0.0024 (J)		
2/13/2025	<0.005					0.0052			0.06
8/13/2025						0.01 (J)		0.006 (J)	
8/14/2025				<0.02	<0.02		0.0038 (J)		0.07
8/15/2025			0.0069 (J)						
8/18/2025		<0.02							
8/19/2025	0.0053 (J)								
2/10/2026	0.0038 (J)	<0.02		<0.02	<0.02	0.0086 (J)	<0.02		
2/11/2026			0.0097 (J)					0.0082 (J)	0.06

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

Time Series

Constituent: Lithium (mg/L) Analysis Run 8/17/2026 12:56 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-20	WGWC-21	WGWC-22	WGWC-23	WGWC-24	WGWC-25	WGWC-27	WGWC-28D	WAMW-1
10/18/2018									0.026
3/8/2021	0.11					0.0046 (J)			
3/9/2021		0.022	0.011	<0.02	0.0084				
4/7/2021		0.031		<0.02	0.0077				
4/8/2021	0.11		0.0081			0.0044 (J)			
8/26/2021	0.11	0.032	0.011	<0.02	0.0076	0.0044 (J)			
1/11/2022		0.038	0.011	<0.02	0.0091	0.0043 (J)			
1/12/2022	0.15								
3/3/2022		0.044			0.0066				
3/4/2022	0.14		0.011	0.0015 (J)		0.0035 (J)			
6/6/2022		0.051		0.002 (J)	0.0044 (J)				
6/7/2022	0.12		0.0093			0.004 (J)			
8/16/2022		0.059							
8/17/2022				0.0017 (J)		0.0036 (J)			
8/18/2022	0.11				0.0036 (J)				
8/19/2022			0.01						
10/19/2022							0.0072		
2/15/2023			0.009	<0.02	0.0068	0.0031 (J)			
2/16/2023	0.14	0.053					0.024		
8/11/2023	0.13						0.036		
8/15/2023						<0.005			
8/17/2023		0.061	0.0069	<0.02	0.0022 (J)				
9/26/2023								0.18	
11/7/2023								0.21	
2/13/2024	0.15								
2/14/2024			0.0028 (J)		0.0044 (J)			0.21	
2/15/2024		0.074		0.0044 (J)		0.0063	0.038		
7/31/2024	0.16			0.0042 (J)	0.0067	0.0037 (J)			
8/1/2024		0.068					0.029	0.2	
8/2/2024			0.0086						
1/8/2025									0.033
2/12/2025	0.14		0.0069			<0.005	0.026	0.19	<0.005
2/13/2025		0.065		<0.02	0.0034 (J)				
8/13/2025						0.004 (J)			
8/14/2025	0.2							0.47	0.045
8/18/2025			0.011 (J)		0.004 (J)		0.031		
8/19/2025		0.11		<0.02					
11/13/2025								0.38 (R)	
2/10/2026	0.14				0.0054 (J)		0.025		
2/11/2026		0.087	0.011 (J)	0.0052 (J)		0.0057 (J)			
2/12/2026								0.3	0.047

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

Time Series

Constituent: Lithium (mg/L) Analysis Run 8/17/2026 12:56 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WAMW-2	PZ-26D	WGWC-30	WGWC-31D	WGWC-31S	WGWC-32	WGWC-33	WGWC-34D	WGWC-34S
10/16/2018	0.023								
8/17/2023		0.028							
2/15/2024		0.031							
8/1/2024		0.032							
12/9/2024	0.019								
2/12/2025	0.035								
2/13/2025		0.024							
8/13/2025		0.037							
8/19/2025	0.029								
8/20/2025			<0.02		<0.02	0.0041 (J)	0.026		
8/21/2025				0.056				0.0078 (J)	
8/25/2025									<0.02
11/10/2025						0.005 (J)			
11/11/2025					<0.02			0.0097 (J)	<0.02
11/12/2025				0.057			0.028		
11/13/2025			<0.02						
2/9/2026					<0.02				<0.02
2/10/2026			<0.02	0.047					
2/11/2026	0.026					0.007 (J)	0.026	0.011 (J)	
2/12/2026		0.029							

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

Time Series

Constituent: Lithium (mg/L) Analysis Run 8/17/2026 12:56 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-35D	WGWC-35S	WGWC-36D	WGWC-36S	WGWC-37D	WGWC-37S	WGWC-38D	WGWC-38S	WGWC-39
8/20/2025							<0.02		
8/21/2025				<0.02		0.005 (J)		0.0044 (J)	<0.02
8/26/2025	<0.02	<0.02	<0.02						
8/27/2025					<0.02				
11/10/2025			<0.02				0.0051 (J)		
11/11/2025					<0.02				
11/12/2025	0.0059 (J)	<0.02						0.0059 (J)	
11/13/2025				<0.02		0.0062 (J)			<0.02
2/9/2026					<0.02				
2/10/2026			<0.02			0.0047 (J)			<0.02
2/11/2026	0.0052 (J)			0.0044 (J)					
2/12/2026		0.0039 (J)					0.0065 (J)	0.0043 (J)	

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

Time Series

Constituent: Lithium (mg/L) Analysis Run 8/17/2026 12:56 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-40	WGWC-41	WGWC-42	WGWC-8A	PZ-31
2/13/2025					<0.02
8/13/2025					<0.02
8/20/2025	<0.02		<0.02		
8/21/2025		0.0088 (J)			
11/10/2025			<0.02		
11/11/2025	<0.02				
1/8/2026			0.0044 (J)		
2/11/2026	0.0049 (J)	0.018 (J)			
2/12/2026					<0.02
2/13/2026				0.12	

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

Time Series

Constituent: Mercury (mg/L) Analysis Run 8/17/2026 12:56 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWA-1 (bg)	WGWA-2 (bg)	WGWA-3 (bg)	WGWA-4 (bg)	WGWA-5 (bg)	WGWA-6 (bg)	WGWA-7 (bg)	WGWA-18 (bg)	WGWC-9
5/17/2016	<0.0002	<0.0002						<0.0002	
5/18/2016			<0.0002	<0.0002	<0.0002	<0.0002	<0.0002		
5/19/2016									<0.0002
7/19/2016	<0.0002	8.1E-05 (J)			8.5E-05 (J)	8.4E-05 (J)	7.2E-05 (J)	8.2E-05 (J)	
7/20/2016			7.7E-05 (J)	8.1E-05 (J)					<0.0002
9/13/2016	<0.0002	<0.0002	<0.0002	<0.0002		<0.0002	<0.0002	<0.0002	
9/14/2016					<0.0002				<0.0002
11/9/2016	<0.0002	<0.0002				<0.0002		<0.0002	
11/10/2016			0.00015 (J)	0.00016 (J)			8.7E-05 (J)		
1/17/2017	<0.0002	<0.0002							
1/18/2017			<0.0002	<0.0002		<0.0002	<0.0002		
1/19/2017					<0.0002			<0.0002	
2/9/2017									<0.0002
3/13/2017	<0.0002	<0.0002							
3/14/2017			<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	7.1E-05 (J)	
3/15/2017									0.00013 (J)
4/11/2017									<0.0002
4/24/2017	<0.0002	<0.0002							
4/25/2017			<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	
4/26/2017									<0.0002
8/8/2017	<0.0002	<0.0002	<0.0002			<0.0002	<0.0002	<0.0002	
8/9/2017				<0.0002	<0.0002				
8/10/2017									<0.0002
8/25/2017					9.5E-05 (J)				
3/27/2018	<0.0002	<0.0002							
3/28/2018			<0.0002	<0.0002	8.9E-05 (J)	<0.0002	<0.0002	<0.0002	
3/29/2018									<0.0002
6/13/2018	<0.0002				<0.0002	<0.0002		<0.0002	
6/14/2018		<0.0002	<0.0002	<0.0002			<0.0002		<0.0002
9/24/2018		<0.0002							
9/27/2018	<0.0002								
9/28/2018								<0.0002	
10/2/2018						<0.0002			
10/3/2018			<0.0002	<0.0002	<0.0002		<0.0002		
10/4/2018									<0.0002
2/25/2019	<0.0002	<0.0002							
2/26/2019			<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	
2/28/2019									<0.0002
2/3/2020	<0.0002	<0.0002							
2/4/2020			0.00016 (J)	0.00011 (J)	<0.0002	<0.0002			
2/5/2020							<0.0002	<0.0002	<0.0002
3/16/2020	<0.0002	<0.0002							
3/17/2020			<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	
3/19/2020									<0.0002
9/21/2020		<0.0002	<0.0002	<0.0002					
9/22/2020	<0.0002				<0.0002	<0.0002	<0.0002	<0.0002	
9/23/2020									<0.0002
2/2/2021	<0.0002	<0.0002	<0.0002	<0.0002			<0.0002	<0.0002	
2/3/2021					<0.0002	<0.0002			
2/4/2021									<0.0002
2/28/2022				<0.0002					
3/1/2022	<0.0002	<0.0002	<0.0002		<0.0002	<0.0002			

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

Time Series

Constituent: Mercury (mg/L) Analysis Run 8/17/2026 12:56 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWA-1 (bg)	WGWA-2 (bg)	WGWA-3 (bg)	WGWA-4 (bg)	WGWA-5 (bg)	WGWA-6 (bg)	WGWA-7 (bg)	WGWA-18 (bg)	WGWC-9
3/3/2022							<0.0002	<0.0002	<0.0002
8/15/2022	<0.0002	<0.0002			<0.0002	<0.0002			
8/16/2022			<0.0002	<0.0002			<0.0002	<0.0002	
8/17/2022									<0.0002
2/14/2023	<0.0002	<0.0002	<0.0002		<0.0002	<0.0002	<0.0002	<0.0002	
2/15/2023				<0.0002					<0.0002
8/14/2023	<0.0002	<0.0002							
8/15/2023			<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	
8/16/2023									<0.0002
2/13/2024	<0.0002	<0.0002	<0.0002	<0.0002		<0.0002	<0.0002	<0.0002	
2/14/2024									<0.0002
2/16/2024					<0.0002				
7/30/2024	<0.0002	<0.0002	<0.0002	<0.0002		<0.0002	<0.0002	<0.0002	
8/1/2024									<0.0002
2/10/2025	<0.0002	<0.0002	<0.0002						
2/11/2025				<0.0002		<0.0002	<0.0002	<0.0002	<0.0002
8/12/2025	<0.0002	<0.0002	<0.0002	<0.0002		<0.0002		<0.0002	
8/13/2025							<0.0002		
8/19/2025									<0.0002
2/9/2026		<0.0002	<0.0002	<0.0002		<0.0002	<0.0002		
2/10/2026	<0.0002							<0.0002	
2/13/2026									<0.0002

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

Time Series

Constituent: Mercury (mg/L) Analysis Run 8/17/2026 12:56 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-10	WGWC-11	WGWC-12	WGWC-13	WGWC-14A	WGWC-15	WGWC-16	WGWC-17	WGWC-19
5/18/2016	<0.0002					<0.0002	<0.0002	<0.0002	
5/19/2016		<0.0002	<0.0002	<0.0002					
7/19/2016						9.3E-05 (J)	<0.0002		
7/20/2016	8.2E-05 (J)	8.2E-05 (J)	0.00011 (J)	8.1E-05 (J)				7.4E-05 (J)	
9/14/2016	<0.0002	<0.0002	<0.0002	<0.0002		<0.0002	<0.0002	<0.0002	
11/10/2016				8.3E-05 (J)		8.5E-05 (J)	0.00012 (J)	<0.0002	
11/11/2016	8.5E-05 (J)	0.00011 (J)	7.9E-05 (J)						7.6E-05 (J)
1/20/2017								<0.0002	
1/24/2017						<0.0002	7E-05 (J)		
1/27/2017		<0.0002	<0.0002	<0.0002					
2/6/2017	8.3E-05 (J)								0.00012 (J)
2/8/2017					<0.0002				
2/23/2017					<0.0002				
3/14/2017						7.1E-05 (J)		<0.0002	
3/15/2017	0.00013 (J)	<0.0002	0.00018 (J)	<0.0002			<0.0002		<0.0002
3/17/2017					0.00013 (J)				
4/11/2017					<0.0002				<0.0002
4/25/2017						<0.0002	0.00019 (J)	<0.0002	
4/26/2017	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002				<0.0002
5/17/2017					<0.0002				
6/7/2017					<0.0002				<0.0002
7/11/2017					<0.0002				<0.0002
8/9/2017				<0.0002		<0.0002	<0.0002	<0.0002	
8/10/2017	<0.0002	<0.0002	<0.0002						<0.0002
3/29/2018		<0.0002	0.00011 (J)	<0.0002	<0.0002		<0.0002		<0.0002
3/30/2018	<0.0002					8.6E-05 (J)		<0.0002	
6/14/2018	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
10/3/2018						<0.0002			
10/4/2018	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002		<0.0002	<0.0002	<0.0002
2/26/2019								<0.0002	
2/27/2019	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002		
2/28/2019									<0.0002
2/5/2020	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002				
2/7/2020						<0.0002	<0.0002	<0.0002	<0.0002
3/18/2020	<0.0002	<0.0002	<0.0002			<0.0002	<0.0002	<0.0002	
3/19/2020				<0.0002	<0.0002				
5/4/2020									<0.0002
9/23/2020	<0.0002		<0.0002			<0.0002	<0.0002	<0.0002	<0.0002
9/24/2020		<0.0002		<0.0002	<0.0002				
2/3/2021		<0.0002	<0.0002						<0.0002
2/4/2021	<0.0002			<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	
3/3/2022	<0.0002	<0.0002		<0.0002	<0.0002	<0.0002	<0.0002		<0.0002
3/4/2022			<0.0002					<0.0002	
8/16/2022		<0.0002						<0.0002	
8/17/2022						<0.0002	<0.0002		<0.0002
8/18/2022			<0.0002	<0.0002					
8/19/2022	<0.0002				<0.0002				
2/15/2023						<0.0002	<0.0002		
2/16/2023	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002			<0.0002	<0.0002
8/15/2023							<0.0002		
8/16/2023		<0.0002	<0.0002	<0.0002	<0.0002	<0.0002		<0.0002	<0.0002
8/17/2023	<0.0002								

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

Time Series

Constituent: Mercury (mg/L) Analysis Run 8/17/2026 12:56 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-10	WGWC-11	WGWC-12	WGWC-13	WGWC-14A	WGWC-15	WGWC-16	WGWC-17	WGWC-19
2/14/2024			<0.0002						
2/15/2024	<0.0002			<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
2/16/2024		<0.0002							
7/30/2024							<0.0002		
7/31/2024	<0.0002	<0.0002	<0.0002	<0.0002		<0.0002		<0.0002	<0.0002
8/2/2024					<0.0002				
2/11/2025		<0.0002	<0.0002					<0.0002	
2/12/2025				<0.0002	<0.0002		<0.0002		
2/13/2025	<0.0002					<0.0002			<0.0002
8/13/2025						<0.0002		<0.0002	
8/14/2025				<0.0002	<0.0002		<0.0002		<0.0002
8/15/2025			<0.0002						
8/18/2025		<0.0002							
8/19/2025	<0.0002								
2/10/2026	<0.0002	<0.0002		<0.0002	<0.0002	<0.0002	<0.0002		
2/11/2026			<0.0002					<0.0002	<0.0002

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

Time Series

Constituent: Mercury (mg/L) Analysis Run 8/17/2026 12:56 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-20	WGWC-21	WGWC-22	WGWC-23	WGWC-24	WGWC-25	WGWC-27	WGWC-28D	WAMW-1
10/18/2018									<0.0002
8/26/2021	0.00033	0.0002	0.00018 (J)	0.00022	0.00026	0.0019			
1/11/2022		<0.0002	<0.0002	<0.0002	<0.0002	<0.0002			
1/12/2022	<0.0002								
3/3/2022		<0.0002			<0.0002				
3/4/2022	<0.0002		<0.0002	<0.0002		<0.0002			
6/6/2022		<0.0002		<0.0002	<0.0002				
6/7/2022	<0.0002		<0.0002			<0.0002			
8/16/2022		<0.0002							
8/17/2022				<0.0002		<0.0002			
8/18/2022	<0.0002				<0.0002				
8/19/2022			<0.0002						
10/19/2022							<0.0002		
2/15/2023			<0.0002	<0.0002	<0.0002	<0.0002			
2/16/2023	<0.0002	<0.0002					<0.0002		
8/11/2023	<0.0002						<0.0002		
8/15/2023						<0.0002			
8/17/2023		<0.0002	<0.0002	<0.0002	<0.0002				
9/26/2023								<0.0002	
2/13/2024	<0.0002								
2/14/2024			<0.0002		<0.0002			<0.0002	
2/15/2024		<0.0002		<0.0002		<0.0002	<0.0002		
7/31/2024	<0.0002			<0.0002	<0.0002	<0.0002			
8/1/2024		<0.0002					<0.0002	<0.0002	
8/2/2024			<0.0002						
2/12/2025	<0.0002		<0.0002			<0.0002	<0.0002	<0.0002	<0.0002
2/13/2025		<0.0002		<0.0002	<0.0002				
8/13/2025						<0.0002			
8/14/2025	<0.0002							<0.0002	<0.0002
8/18/2025			<0.0002		<0.0002		<0.0002		
8/19/2025		<0.0002		<0.0002					
2/10/2026	<0.0002				<0.0002		<0.0002		
2/11/2026		<0.0002	<0.0002	<0.0002		<0.0002			
2/12/2026								<0.0002	<0.0002

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

Time Series

Constituent: Mercury (mg/L) Analysis Run 8/17/2026 12:56 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WAMW-2	PZ-26D	WGWC-30	WGWC-31D	WGWC-31S	WGWC-32	WGWC-33	WGWC-34D	WGWC-34S
10/16/2018	<0.0002								
8/17/2023		<0.0002							
2/15/2024		<0.0002							
8/1/2024		<0.0002							
2/12/2025	<0.0002								
2/13/2025		<0.0002							
8/13/2025		<0.0002							
8/19/2025	<0.0002								
8/20/2025			<0.0002		<0.0002	<0.0002	<0.0002		
8/21/2025				<0.0002				<0.0002	
8/25/2025									<0.0002
11/10/2025						<0.0002			
11/11/2025					<0.0002			<0.0002	<0.0002
11/12/2025				<0.0002			0.0002		
11/13/2025			<0.0002						
2/9/2026					<0.0002				<0.0002
2/10/2026			<0.0002	<0.0002					
2/11/2026	<0.0002					<0.0002	<0.0002	<0.0002	
2/12/2026		<0.0002							

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

Time Series

Constituent: Mercury (mg/L) Analysis Run 8/17/2026 12:56 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-35D	WGWC-35S	WGWC-36D	WGWC-36S	WGWC-37D	WGWC-37S	WGWC-38D	WGWC-38S	WGWC-39
8/20/2025							<0.0002		
8/21/2025				<0.0002		<0.0002		<0.0002	<0.0002
8/26/2025	<0.0002	<0.0002	<0.0002						
8/27/2025					<0.0002				
11/10/2025			<0.0002				<0.0002		
11/11/2025					<0.0002				
11/12/2025	<0.0002	<0.0002						<0.0002	
11/13/2025				<0.0002		<0.0002			<0.0002
2/9/2026					<0.0002				
2/10/2026			<0.0002			<0.0002			<0.0002
2/11/2026	<0.0002			<0.0002					
2/12/2026		<0.0002					<0.0002	<0.0002	

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

Time Series

Constituent: Mercury (mg/L) Analysis Run 8/17/2026 12:56 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-40	WGWC-41	WGWC-42	WGWC-8A	PZ-31
2/13/2025					<0.0002
8/13/2025					<0.0002
8/20/2025	<0.0002		<0.0002		
8/21/2025		<0.0002			
11/10/2025			<0.0002		
11/11/2025	<0.0002				
1/8/2026			<0.0002		
2/11/2026	<0.0002	<0.0002			
2/12/2026					<0.0002
2/13/2026				<0.0002	

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

Time Series

Constituent: Molybdenum (mg/L) Analysis Run 8/17/2026 12:56 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWA-1 (bg)	WGWA-2 (bg)	WGWA-3 (bg)	WGWA-4 (bg)	WGWA-5 (bg)	WGWA-6 (bg)	WGWA-7 (bg)	WGWA-18 (bg)	WGWC-9
5/17/2016	<0.005	<0.005						0.00367 (J)	
5/18/2016			<0.005	<0.005	<0.015	<0.005	<0.005		
5/19/2016									0.00762 (J)
7/19/2016	<0.005	<0.005			<0.015	<0.005	<0.005	0.002 (J)	
7/20/2016			<0.005	<0.005					0.0084 (J)
9/13/2016	<0.005	<0.005	<0.005	<0.005		<0.005	<0.005	0.0014 (J)	
9/14/2016					0.016 (O)				0.0071 (J)
11/9/2016	<0.005	<0.005				<0.005		<0.005	
11/10/2016			<0.005	<0.005			<0.005		
1/17/2017	<0.005	<0.005							
1/18/2017			<0.005	<0.005		<0.005	0.001 (J)		
1/19/2017					<0.015			<0.005	
2/9/2017									0.018
3/13/2017	<0.005	<0.005							
3/14/2017			0.00087 (J)	<0.005	<0.015	<0.005	0.0014 (J)	0.0072 (J)	
3/15/2017									0.0057 (J)
4/11/2017									0.0047 (J)
4/24/2017	<0.005	<0.005							
4/25/2017			0.00098 (J)	<0.005	<0.015	<0.005	<0.005	0.0036 (J)	
4/26/2017									0.004 (J)
8/8/2017	0.0017 (J)	<0.005	<0.005			<0.005	<0.005	<0.005	
8/9/2017				<0.005	<0.015				
8/10/2017									0.0046 (J)
8/25/2017					<0.015				
3/27/2018	<0.005	<0.005							
3/28/2018			<0.005	<0.005	<0.015	<0.005	<0.005	0.00089 (J)	
3/29/2018									0.0048 (J)
6/13/2018	<0.005				<0.015	<0.005		<0.005	
6/14/2018		<0.005	<0.005	<0.005			<0.005		0.0046 (J)
9/24/2018		<0.005							
9/27/2018	<0.005								
9/28/2018								<0.005	
10/2/2018						<0.005			
10/3/2018			<0.005	<0.005	<0.015		<0.005		
10/4/2018									0.003 (J)
2/25/2019	<0.005	<0.005							
2/26/2019			<0.005	<0.005	<0.015	<0.005	<0.005	0.0019 (J)	
2/28/2019									0.0053
4/1/2019	<0.005	<0.005							
4/2/2019			<0.005	<0.005	<0.015	<0.005	<0.005	<0.005	
4/3/2019									0.0026 (J)
9/16/2019	<0.005				0.001 (J)	0.001 (J)			
9/17/2019		<0.005		<0.005				<0.005	
9/18/2019			<0.005				<0.005		
9/19/2019									0.0048 (J)
2/3/2020	<0.005	<0.005							
2/4/2020			<0.005	<0.005	<0.015	<0.005			
2/5/2020							<0.005	<0.005	0.0044 (J)
3/16/2020	<0.005	<0.005							
3/17/2020			<0.005	<0.005	<0.015	<0.005	<0.005	<0.005	
3/19/2020									0.0042 (J)
9/21/2020		<0.005	<0.005	<0.005					

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

Time Series

Constituent: Molybdenum (mg/L) Analysis Run 8/17/2026 12:56 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWA-1 (bg)	WGWA-2 (bg)	WGWA-3 (bg)	WGWA-4 (bg)	WGWA-5 (bg)	WGWA-6 (bg)	WGWA-7 (bg)	WGWA-18 (bg)	WGWC-9
9/22/2020	<0.005				0.0025 (J)	<0.005	<0.005	0.00097 (J)	
9/23/2020									0.0027 (J)
2/2/2021	<0.005	<0.005	<0.005	<0.005			<0.005	<0.005	
2/3/2021					<0.015	<0.005			
2/4/2021									0.003 (J)
3/10/2021		<0.005	<0.005	<0.005	<0.015		<0.005	<0.005	
3/11/2021	<0.005					<0.005			
3/12/2021									0.003 (J)
8/23/2021		<0.005							
8/24/2021	<0.005			<0.005	<0.015	<0.005	<0.005		
8/25/2021			<0.005					<0.005	
8/26/2021									0.0028 (J)
2/28/2022				<0.005					
3/1/2022	<0.005	<0.005	<0.005		<0.015	<0.005			
3/3/2022							<0.005	<0.005	0.0027 (J)
8/15/2022	<0.005	<0.005			<0.015	<0.005			
8/16/2022			<0.005	<0.005			<0.005	<0.005	
8/17/2022									0.0027 (J)
2/14/2023	<0.005	<0.005	<0.005		<0.015	<0.005	<0.005	<0.005	
2/15/2023				<0.005					0.0025 (J)
8/14/2023	<0.005	<0.005							
8/15/2023			<0.005	<0.005	<0.015	<0.005	<0.005	<0.005	
8/16/2023									0.0031 (J)
2/13/2024	<0.005	<0.005	<0.005	<0.005		<0.005	0.0012 (J)	<0.005	
2/14/2024									0.0033 (J)
2/16/2024					<0.015				
7/30/2024	<0.005	<0.005	<0.005	<0.005		<0.005	<0.005	<0.005	
8/1/2024									0.0028 (J)
2/10/2025	<0.005	<0.005	<0.005						
2/11/2025				<0.005		<0.005	<0.005	<0.005	0.0033 (J)
8/12/2025	<0.005	<0.005	<0.005	<0.005		<0.005		<0.005	
8/13/2025							<0.005		
8/19/2025									0.0024 (J)
2/9/2026		<0.005	<0.005	<0.005		<0.005	<0.005		
2/10/2026	<0.005							<0.005	
2/13/2026									0.0021 (J)

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

Time Series

Constituent: Molybdenum (mg/L) Analysis Run 8/17/2026 12:56 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-10	WGWC-11	WGWC-12	WGWC-13	WGWC-14A	WGWC-15	WGWC-16	WGWC-17	WGWC-19
5/18/2016	<0.005					0.0153	<0.005	0.00526 (J)	
5/19/2016		<0.005	<0.005	0.00491 (J)					
7/19/2016						0.0093 (J)	<0.005		
7/20/2016	<0.005	<0.005	0.00095 (J)	0.0025 (J)				0.0066 (J)	
9/14/2016	0.00091 (J)	<0.005	0.0009 (J)	0.0028 (J)		0.012 (J)	<0.005	0.0081 (J)	
11/10/2016				0.0016 (J)		0.0065 (J)	<0.005	0.0076 (J)	
11/11/2016	<0.005	<0.005	<0.005						<0.015
1/20/2017								0.0094 (J)	
1/24/2017						0.0049 (J)	<0.005		
1/27/2017		<0.005	<0.005	0.0023 (J)					
2/6/2017	<0.005								0.001 (J)
2/8/2017					<0.005				
2/23/2017					<0.005				
3/14/2017						0.0034 (J)		0.0044 (J)	
3/15/2017	<0.005	<0.005	<0.005	0.0022 (J)			<0.005		<0.015
3/17/2017					<0.005				
4/11/2017					<0.005				<0.015
4/25/2017						0.004 (J)	<0.005	0.0074 (J)	
4/26/2017	<0.005	<0.005	<0.005	0.0019 (J)	<0.005				<0.015
5/17/2017					<0.005				
6/7/2017					0.001 (J)				0.0015 (J)
7/11/2017					<0.005				<0.015
8/9/2017				0.0028 (J)		0.0042 (J)	<0.005	0.0066 (J)	
8/10/2017	0.00093 (J)	0.0011 (J)	0.0046 (J)						0.0016 (J)
3/29/2018		<0.005	<0.005	0.0028 (J)	<0.005		<0.005		0.0012 (J)
3/30/2018	<0.005					0.0049 (J)		0.0024 (J)	
6/14/2018	<0.005	<0.005	<0.005	0.0018 (J)	<0.005	0.0056 (J)	<0.005	0.0026 (J)	0.0014 (J)
10/3/2018						0.0041 (J)			
10/4/2018	<0.005	<0.005	<0.005	<0.015	<0.005		<0.005	0.00085 (J)	<0.015
2/26/2019								0.0032 (J)	
2/27/2019	<0.005	<0.005	0.00063 (J)	0.0019 (J)	<0.005	0.0061	<0.005		
2/28/2019									0.0013 (J)
4/2/2019									<0.015
4/3/2019		<0.005	<0.005	<0.015	<0.005				
4/4/2019	<0.005					0.0039 (J)	<0.005	0.002 (J)	
9/18/2019				0.0021 (J)	<0.005	0.0052	<0.005	0.0026 (J)	0.0011 (J)
9/19/2019	<0.005	<0.005	0.00073 (J)						
2/5/2020	<0.005	<0.005	<0.005	0.0012 (J)	<0.005				
2/7/2020						0.0024 (J)	<0.005	0.0025 (J)	0.0014 (J)
3/18/2020	<0.005	<0.005	<0.005			0.002 (J)	<0.005	0.0024 (J)	
3/19/2020				0.0018 (J)	<0.005				
5/4/2020									0.0013 (J)
9/23/2020	<0.005		<0.005			0.0031 (J)	<0.005	0.0027 (J)	0.0013 (J)
9/24/2020		0.0017 (J)		<0.015	<0.005				
2/3/2021		<0.005	<0.005						0.0013 (J)
2/4/2021	<0.005			0.0012 (J)	<0.005	0.0022 (J)	<0.005	0.0025 (J)	
3/11/2021	<0.005			0.0013 (J)	<0.005		<0.005	0.0022 (J)	0.0012 (J)
3/12/2021		<0.005	0.00062 (J)			0.0019 (J)			
8/25/2021		<0.005	<0.005	0.00092 (J)	<0.005		<0.005	0.0022 (J)	
8/26/2021	<0.005					0.0029 (J)			0.0011 (J)
3/3/2022	<0.005	<0.005		0.00094 (J)	<0.005	0.0025 (J)	<0.005		0.0013 (J)
3/4/2022			<0.005					0.0021 (J)	

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

Time Series

Constituent: Molybdenum (mg/L) Analysis Run 8/17/2026 12:56 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-10	WGWC-11	WGWC-12	WGWC-13	WGWC-14A	WGWC-15	WGWC-16	WGWC-17	WGWC-19
8/16/2022		<0.005						0.0024 (J)	
8/17/2022						0.0025 (J)	<0.005		0.001 (J)
8/18/2022			<0.005	0.00087 (J)					
8/19/2022	<0.005				<0.005				
2/15/2023						0.0027 (J)	<0.005		
2/16/2023	<0.005	<0.005	<0.005	0.0013 (J)	<0.005			0.0022 (J)	0.0014 (J)
8/15/2023							<0.005		
8/16/2023		<0.005	<0.005	0.0012 (J)	<0.005	0.003 (J)		0.0023 (J)	0.0013 (J)
8/17/2023	<0.005								
2/14/2024			<0.005						
2/15/2024	<0.005			0.0012 (J)	<0.005	0.0021 (J)	<0.005	0.0023 (J)	0.0014 (J)
2/16/2024		<0.005							
7/30/2024							<0.005		
7/31/2024	<0.005	<0.005	<0.005	0.0011 (J)		0.0028 (J)		0.0023 (J)	0.0012 (J)
8/2/2024					<0.005				
2/11/2025		<0.005	<0.005					0.0023 (J)	
2/12/2025				0.0013 (J)	<0.005		<0.005		
2/13/2025	<0.005					0.0023 (J)			0.0014 (J)
8/13/2025						0.0023 (J)		0.003 (J)	
8/14/2025				0.0011 (J)	<0.005		<0.005		0.0022 (J)
8/15/2025			0.00075 (J)						
8/18/2025		<0.005							
8/19/2025	<0.005								
2/10/2026	<0.005	<0.005		0.0012 (J)	<0.005	0.0021 (J)	<0.005		
2/11/2026			<0.005					0.0035 (J)	0.0013 (J)

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

Time Series

Constituent: Molybdenum (mg/L) Analysis Run 8/17/2026 12:56 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-20	WGWC-21	WGWC-22	WGWC-23	WGWC-24	WGWC-25	WGWC-27	WGWC-28D	WAMW-1
10/18/2018									0.0028 (J)
8/26/2021	0.00079 (J)	0.044	<0.005	<0.005	<0.005	<0.005			
1/11/2022		0.037	<0.005	<0.005	<0.005	<0.005			
1/12/2022	0.00062 (J)								
3/3/2022		0.036			<0.005				
3/4/2022	<0.015		0.00084 (J)	<0.005		<0.005			
6/6/2022		0.032		<0.005	<0.005				
6/7/2022	<0.015		<0.005			<0.005			
8/16/2022		0.042							
8/17/2022				<0.005		<0.005			
8/18/2022	<0.015				<0.005				
8/19/2022			<0.005						
10/19/2022							<0.005		
2/15/2023			<0.005	<0.005	<0.005	<0.005			
2/16/2023	<0.015	0.034					<0.005		
8/11/2023	<0.015						<0.005		
8/15/2023						<0.005			
8/17/2023		0.029	<0.005	<0.005	<0.005				
9/26/2023								0.018	
2/13/2024	<0.015								
2/14/2024			<0.005		<0.005			0.0094 (J)	
2/15/2024		0.023		<0.005		<0.005	<0.005		
7/31/2024	<0.015			<0.005	<0.005	<0.005			
8/1/2024		0.027					<0.005	0.0089 (J)	
8/2/2024			0.0082 (J)						
2/12/2025	0.00087 (J)		<0.005			<0.005	<0.005	0.0088 (J)	<0.015
2/13/2025		0.027		<0.005	<0.005				
8/13/2025						<0.005			
8/14/2025	0.00088 (J)							0.0082	0.0023 (J)
8/18/2025			<0.005		<0.005		<0.005		
8/19/2025		0.032		<0.005					
2/10/2026	0.0008 (J)				<0.005		<0.005		
2/11/2026		0.025	<0.005	<0.005		<0.005			
2/12/2026								0.0098	0.0026 (J)

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

Time Series

Constituent: Molybdenum (mg/L) Analysis Run 8/17/2026 12:56 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WAMW-2	PZ-26D	WGWC-30	WGWC-31D	WGWC-31S	WGWC-32	WGWC-33	WGWC-34D	WGWC-34S
10/16/2018	<0.005								
8/17/2023		0.0025 (J)							
2/15/2024		0.0024 (J)							
8/1/2024		0.0028 (J)							
2/12/2025	0.0023 (J)								
2/13/2025		0.0027 (J)							
8/13/2025		0.0027 (J)							
8/19/2025	<0.005								
8/20/2025			<0.005		<0.005	<0.005	<0.005		
8/21/2025				0.036				<0.005	
8/25/2025									<0.005
11/10/2025						<0.005			
11/11/2025					<0.005			<0.005	<0.005
11/12/2025				<0.005			0.022		
11/13/2025			<0.005						
2/9/2026					<0.005				<0.005
2/10/2026			<0.005	0.026					
2/11/2026	<0.005					<0.005	<0.005	<0.005	
2/12/2026		0.0025 (J)							

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

Time Series

Constituent: Molybdenum (mg/L) Analysis Run 8/17/2026 12:56 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-35D	WGWC-35S	WGWC-36D	WGWC-36S	WGWC-37D	WGWC-37S	WGWC-38D	WGWC-38S	WGWC-39
8/20/2025							<0.005		
8/21/2025				<0.005		<0.005		<0.005	<0.005
8/26/2025	0.001 (J)	0.00092 (J)	<0.005						
8/27/2025					<0.005				
11/10/2025			<0.005				<0.005		
11/11/2025					<0.005				
11/12/2025	<0.005	<0.005						<0.005	
11/13/2025				0.00079 (J)		<0.005			<0.005
2/9/2026					<0.005				
2/10/2026			<0.005			<0.005			<0.005
2/11/2026	0.00071 (J)			<0.005					
2/12/2026		0.0011 (J)					<0.005	<0.005	

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

Time Series

Constituent: Molybdenum (mg/L) Analysis Run 8/17/2026 12:56 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-40	WGWC-41	WGWC-42	WGWC-8A	PZ-31
2/13/2025					<0.005
8/13/2025					<0.005
8/20/2025	<0.005		<0.005		
8/21/2025		<0.005			
11/10/2025			<0.005		
11/11/2025	<0.005				
1/8/2026			<0.005		
2/11/2026	<0.005	<0.005			
2/12/2026					<0.005
2/13/2026				0.0092	

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

Time Series

Constituent: pH, Field (SU) Analysis Run 8/17/2026 12:56 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWA-1 (bg)	WGWA-2 (bg)	WGWA-3 (bg)	WGWA-4 (bg)	WGWA-5 (bg)	WGWA-6 (bg)	WGWA-7 (bg)	WGWA-18 (bg)	WGWC-9
5/17/2016	5.24	6.23						7.81	
5/18/2016			5.55	7.23	5.47	7.92	5.5		
5/19/2016									6.31
7/19/2016	5.43	6.285413			5.336672	7.154587	5.430599	7.250493	
7/20/2016			5.656628	7.281557					6.345061
9/13/2016	5.22	6.3	5.63	7.15		7.96	5.57	7.18	
9/14/2016					7.29				6.33
11/9/2016	5.57	6.26				7.27		6.03	
11/10/2016			5.61	6.33			6.93		
1/17/2017	5.48	6.8							
1/18/2017			5.81	6.94		7.72	7.16		
1/19/2017					6.59			6.71	
3/13/2017	5.4	6.18							
3/14/2017			5.53	6.75	5.86		5.82	6.45	
3/15/2017									5.99
4/24/2017	5.4	6.35							
4/25/2017			5.59	6.84	5.35	7.73	5.57	6.93	
4/26/2017									6.03
8/8/2017	5.32	6.23	5.52			7.74	5.6	6.72	
8/9/2017				6.67	5.25				
8/10/2017									5.86
8/25/2017					5.44				
10/10/2017	5.26	6.32							
10/11/2017			5.51	6.75	6.99	7.01	5.43	6.75	
10/12/2017									6.09
3/27/2018	5.39	6.14							
3/28/2018			5.6	6.79	5.95	7.28	5.29	6.84	
3/29/2018									5.89
6/13/2018	5.33				5.13	7.78		6.31	
6/14/2018		6.02	5.58	6.67			5.39		6.47
9/24/2018		6.1							
9/27/2018	5.33								
9/28/2018								6.26	
10/2/2018						7.52			
10/3/2018			5.45	6.92	5.22		5.33		
10/4/2018									6.17
2/25/2019	5.25	6.02							
2/26/2019			5.6	6.74	5.21	7.87	5.62	7.66	
2/28/2019									6.54
4/1/2019	5.31	6.09							
4/2/2019			5.69	6.81	5.25	7.94	5.6	7.53	
4/3/2019									6.1
9/16/2019	5.28				6.94	7.55			
9/17/2019		6.25		6.93				6.47	
9/18/2019			5.62				5.6		
9/19/2019									6.38
2/3/2020	5.402418	6.090122							
2/4/2020			5.655257	7.287213	5.307606	7.740019			
2/5/2020							5.535178	6.730563	6.536418
3/16/2020	5.29	6.01							
3/17/2020			5.61	6.83	5.34	7.95	5.32	6.36	
3/19/2020									6.64

Time Series

Constituent: pH, Field (SU) Analysis Run 8/17/2026 12:56 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWA-1 (bg)	WGWA-2 (bg)	WGWA-3 (bg)	WGWA-4 (bg)	WGWA-5 (bg)	WGWA-6 (bg)	WGWA-7 (bg)	WGWA-18 (bg)	WGWC-9
9/21/2020		6.05	5.35	6.81					
9/22/2020	5.09				6.78	7.4	5.36	7.18	
9/23/2020									5.8
2/2/2021	5.36	6.1	5.78	6.61			5.84	6.48	
2/3/2021					5.3	7.76			
2/4/2021									6.22
3/10/2021		6.11	5.49	7.19	5.22		4.96	5.8	
3/11/2021	5.26					7.93			
3/12/2021									5.88
8/23/2021		6.18							
8/24/2021	5.21			7.22	6.8	7.88	5.53		
8/25/2021			5.52					6.74	
8/26/2021									5.84
2/28/2022				7.14					
3/1/2022	5.32	6.2	5.59		5.47	7.86			
3/3/2022							5.44	5.94	5.86
8/15/2022	5.28	6.04			6.54	7.76			
8/16/2022			5.46	6.92			5.32	6.19	
8/17/2022									5.8
2/14/2023	5.37	6.06	5.49		5.3	7.78	5.44	5.89	
2/15/2023				7.21					5.86
8/14/2023	5.09	6.06							
8/15/2023			5.17	6.47	6.6	7.93	5.49	6.01	
8/16/2023									5.78
2/13/2024	5.46	5.97	5.52	7.1		7.75	6.19	5.84	
2/14/2024									6.13
2/16/2024					5.23				
7/30/2024	5.27	5.9	5.52	7.13		7.88	5.43	6.47	
8/1/2024									5.77
2/10/2025	5.4	6.44	5.25						
2/11/2025				7.58		8.01	6.08	5.74	5.86
8/12/2025	4.54	6.08	5.28	7		7.76		5.96	
8/13/2025							4.98		
8/19/2025									6.05
2/9/2026		6.1	5.24	7.07		8.13	5.29		
2/10/2026	5.07							6.11	
2/13/2026									5.71

Time Series

Constituent: pH, Field (SU) Analysis Run 8/17/2026 12:56 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-10	WGWC-11	WGWC-12	WGWC-13	WGWC-14A	WGWC-15	WGWC-16	WGWC-17	WGWC-19
5/18/2016	8.96					7.75	6.06	6.41	
5/19/2016		5.93	6.91	6.85					
7/19/2016						7.876073	5.88		
7/20/2016	8.56774	5.97	6.962608	6.705264				6.662463	
9/1/2016			6.96						
9/14/2016				6.7		7.79	5.89	6.7	
11/10/2016				6.5		7.76	5.6	6.51	
11/11/2016	6.96	6.03	6.76						6.93
1/20/2017								6.55	
1/24/2017						7.71	5.54		
1/27/2017		6.21	6.66	6.47					
2/6/2017	6.93								6.8
2/8/2017					5.81				
2/23/2017					5.8				
3/14/2017						7.57		6.27	
3/15/2017	6.82	5.97	6.3	6.75			5.39		6.78
3/17/2017					5.97				
4/11/2017					6.18				6.79
4/25/2017						7.47	5.28	6.36	
4/26/2017	6.73	6.17	6.67	6.57	6.09				6.82
5/17/2017					6.26				
6/7/2017					6.21				6.76
7/11/2017					6				6.99
8/9/2017				6.55		7.37	5.46	6.47	
8/10/2017	6.66	6.05	6.7						6.59
10/11/2017					6.97	7.42	5.45	6.47	
10/12/2017	6.67	6.89	6.89	6.67					6.7
3/29/2018		6.85	7.08	6.99	6.51		5.33		6.88
3/30/2018	6.98					7.48		6.71	
6/14/2018	6.56	5.89	6.73	6.39	5.76	7.5	5.35	6.15	6.72
10/3/2018						7.11			
10/4/2018	6.4	5.81	6.79	6.5	5.97		5.28	6.14	6.67
2/26/2019								6.17	
2/27/2019	6.23	5.78	6.7	6.47	5.73	7.4	5.08		
2/28/2019									6.98
4/2/2019									6.75
4/3/2019		6.07	6.91	6.47	5.68				
4/4/2019	6.46					7.58	5.19	6.16	
9/18/2019				6.46	5.5	7.8	5.19	6.17	6.71
9/19/2019	6.45	5.82	6.63						
2/5/2020	6.415246	5.891838	6.763076	6.440089	5.523207				
2/7/2020						7.657187	5.168839	6.341561	7.078448
3/18/2020	6.4	5.89	6.93			7.73	5.08	6.3	
3/19/2020				6.56	5.49				
5/4/2020									6.9
9/23/2020	6.14		6.42			7.35	5.05	5.89	6.59
9/24/2020		5.5		6.29	5.16				
2/3/2021		5.21	6.15						6.75
2/4/2021	6.21			6.34	5.76	7.77	5.42	6.31	
3/11/2021	6.56			5.95	5.1		5.21	5.96	7.12
3/12/2021		5.46	6.66			7.72			
8/25/2021		5.66	6.69	6.27	5.39		5.25	6.09	

Time Series

Constituent: pH, Field (SU) Analysis Run 8/17/2026 12:56 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-10	WGWC-11	WGWC-12	WGWC-13	WGWC-14A	WGWC-15	WGWC-16	WGWC-17	WGWC-19
8/26/2021	6.31					7.58			6.66
3/3/2022	6.36	5.59		6.31	5.4	7.61	5.22		6.69
3/4/2022			6.79					6.21	
8/16/2022		5.56						6.02	
8/17/2022						7.54	5.24		6.6
8/18/2022			6.52	6.15					
8/19/2022	6.2				5.25				
2/15/2023						7.72	5.19		
2/16/2023	6.39	5.69	6.61	6.27	5.4			6.28	6.8
8/15/2023							5.07		
8/16/2023		5.19	6.1	6.22	5.17	7.41		6.13	6.44
8/17/2023	6.49								
2/14/2024			6.67						
2/15/2024	6.41			6.3	5.18	7.88	5.31	6.16	6.87
2/16/2024		5.6							
7/30/2024							5.26		
7/31/2024	6.21	5.6	6.74	6.22		7.67		6.04	6.54
8/2/2024					5.09				
2/11/2025		5.54	6.63					6.26	
2/12/2025				6.32	5.44		5.42		
2/13/2025	6.27					7.87			6.7
8/13/2025						7.91		5.76	
8/14/2025				5.93	5.03		5.26		6.67
8/15/2025			6.69						
8/18/2025		5.26							
8/19/2025	6.45								
2/10/2026	6.35	5.6		6.26	5.34	8.01	5.35		
2/11/2026			6.92					6.08	6.59

Time Series

Constituent: pH, Field (SU) Analysis Run 8/17/2026 12:56 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-20	WGWC-21	WGWC-22	WGWC-23	WGWC-24	WGWC-25	WGWC-27	WGWC-28D	WAMW-1
10/18/2018									7.61
3/8/2021	5.54					5.36			
3/9/2021		7.29	5.56	5.81	4.29				
4/7/2021		7.05		5.57	4.43				
4/8/2021	5.6		6.01			5.39			
8/26/2021	5.37	6.88	5.4	5.8	4.33	5.3			
1/11/2022		6.68	5.4	5.61	4.39	5.26			
1/12/2022	5.19								
3/3/2022		6.88			4.39				
3/4/2022	5.23		5.34	5.74		5.21			
6/6/2022		6.69		5.73	4.52				
6/7/2022	5.39		5.41			5.32			
8/16/2022		6.72							
8/17/2022				5.64		5.28			
8/18/2022	5.29				4.42				
8/19/2022			5.34						
10/19/2022							5.93		
2/15/2023			5.47	5.49	4.54	5.36			
2/16/2023	5.17	6.92					5.91		
8/11/2023	5.31						6.07		
8/15/2023						5.97			
8/17/2023		6.86	5.41	5.66	4.35				
9/26/2023								7.33	
11/7/2023								6.48	
2/13/2024	5.34								
2/14/2024			5.84		4.72			6.47	
2/15/2024		6.7		5.62		6.24	6.23		
7/31/2024	5.47			5.44	4.41	5.97			
8/1/2024		6.73					6.11	7	
8/2/2024			5.36						
2/12/2025	5.33		5.47			6.19	6.02	6.64	7.45
2/13/2025		6.63		5.58	4.49				
8/13/2025						5.58			
8/14/2025	5.33							6.66	6.65
8/18/2025			5.39		4.57		6.08		
8/19/2025		6.73		5.34					
11/13/2025								6.91 (R)	
2/10/2026	5.38				4.59		6		
2/11/2026		6.72	5.53	5.49		5.61			
2/12/2026								6.81	7.18

Time Series

Constituent: pH, Field (SU) Analysis Run 8/17/2026 12:56 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WAMW-2	PZ-26D	WGWC-30	WGWC-31D	WGWC-31S	WGWC-32	WGWC-33	WGWC-34D	WGWC-34S
10/16/2018	7.17								
3/9/2021		6.19							
4/7/2021		6.46							
8/17/2023		6.11							
2/15/2024		6.48							
8/1/2024		6.33							
12/9/2024	6.54								
2/12/2025	6.41								
2/13/2025		6.4							
8/13/2025		6.1							
8/19/2025	6.73								
8/20/2025			5.38		5.71	5.11	5.21		
8/21/2025				7.91				5.69	
8/25/2025									5.7
11/10/2025						5.08			
11/11/2025					5.35			5.56	5.51
11/12/2025				7.77			5.18		
11/13/2025			5.51						
2/9/2026					5.46				5.34
2/10/2026			4.85	7.71					
2/11/2026	6.71					5.18	5.08	5.37	
2/12/2026		6.24							

Time Series

Constituent: pH, Field (SU) Analysis Run 8/17/2026 12:56 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-35D	WGWC-35S	WGWC-36D	WGWC-36S	WGWC-37D	WGWC-37S	WGWC-38D	WGWC-38S	WGWC-39
8/20/2025							5.19		
8/21/2025				6.52		4.21		6.14	4.72
8/26/2025	6.67	6.73	5.83						
8/27/2025					5.98				
11/10/2025			5.49				5.44		
11/11/2025					6.23				
11/12/2025	6.69	6.72						6.07	
11/13/2025				6.61		4.44			4.47
2/9/2026					6.05				
2/10/2026			5.41			4.39			4.61
2/11/2026	6.49			6.2					
2/12/2026		6.25					5.1	6.04	

Time Series

Constituent: pH, Field (SU) Analysis Run 8/17/2026 12:56 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-40	WGWC-41	WGWC-42	WGWC-8A	PZ-31
5/9/2024					5.22
2/13/2025					5.17
8/13/2025					4.74
8/20/2025	5		5.07		
8/21/2025		5.45			
11/10/2025			4.81		
11/11/2025	4.71				
1/8/2026			5.15		
2/11/2026	4.77	5.02			
2/12/2026					4.93
2/13/2026				6.52	

Time Series

Constituent: Selenium (mg/L) Analysis Run 8/17/2026 12:56 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWA-1 (bg)	WGWA-2 (bg)	WGWA-3 (bg)	WGWA-4 (bg)	WGWA-5 (bg)	WGWA-6 (bg)	WGWA-7 (bg)	WGWA-18 (bg)	WGWC-9
5/17/2016	<0.005	<0.005						<0.005	
5/18/2016			<0.005	<0.005	<0.005	<0.005	<0.005		
5/19/2016									0.00228 (J)
7/19/2016	<0.005	<0.005			<0.005	<0.005	<0.005	<0.005	
7/20/2016			<0.005	<0.005					0.0016
9/13/2016	<0.005	<0.005	<0.005	<0.005		<0.005	<0.005	<0.005	
9/14/2016					<0.005				0.0024
11/9/2016	<0.005	<0.005				<0.005		<0.005	
11/10/2016			<0.005	<0.005			<0.005		
1/17/2017	<0.005	<0.005							
1/18/2017			<0.005	<0.005		<0.005	<0.005		
1/19/2017					<0.005			<0.005	
2/9/2017									0.0023
3/13/2017	<0.005	<0.005							
3/14/2017			0.00026 (J)	<0.005	<0.005	<0.005	<0.005	0.0028	
3/15/2017									0.0031
4/11/2017									0.0023
4/24/2017	<0.005	<0.005							
4/25/2017			0.00035 (J)	<0.005	<0.005	<0.005	<0.005	0.0018	
4/26/2017									0.0019
8/8/2017	0.0013	<0.005	<0.005			<0.005	<0.005	<0.005	
8/9/2017				<0.005	<0.005				
8/10/2017									0.0021
8/25/2017					<0.005				
3/27/2018	0.00055 (J)	<0.005							
3/28/2018			<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	
3/29/2018									0.0021
6/13/2018	<0.005				0.00025 (J)	<0.005		<0.005	
6/14/2018		<0.005	<0.005	0.00032 (J)			<0.005		0.0025
9/24/2018		<0.005							
9/27/2018	<0.005								
9/28/2018								<0.005	
10/2/2018						<0.005			
10/3/2018			<0.005	<0.005	<0.005		<0.005		
10/4/2018									0.002
2/25/2019	<0.005	<0.005							
2/26/2019			<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	
2/28/2019									0.0027
4/1/2019	<0.005	<0.005							
4/2/2019			<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	
4/3/2019									0.0019
9/16/2019	<0.005				<0.005	<0.005			
9/17/2019		<0.005		<0.005				<0.005	
9/18/2019			<0.005				<0.005		
9/19/2019									0.0026 (J)
2/3/2020	<0.005	<0.005							
2/4/2020			<0.005	<0.005	<0.005	<0.005			
2/5/2020							<0.005	<0.005	0.0033 (J)
3/16/2020	<0.005	0.0026 (J)							
3/17/2020			<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	
3/19/2020									0.0033 (J)
9/21/2020		<0.005	<0.005	<0.005					

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

Time Series

Constituent: Selenium (mg/L) Analysis Run 8/17/2026 12:56 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWA-1 (bg)	WGWA-2 (bg)	WGWA-3 (bg)	WGWA-4 (bg)	WGWA-5 (bg)	WGWA-6 (bg)	WGWA-7 (bg)	WGWA-18 (bg)	WGWC-9
9/22/2020	<0.005				<0.005	<0.005	<0.005	<0.005	
9/23/2020									0.0029 (J)
2/2/2021	<0.005	<0.005	<0.005	<0.005			<0.005	<0.005	
2/3/2021					<0.005	<0.005			
2/4/2021									0.003 (J)
3/10/2021		<0.005	<0.005	<0.005	<0.005		<0.005	<0.005	
3/11/2021	<0.005					<0.005			
3/12/2021									0.0034 (J)
8/23/2021		<0.005							
8/24/2021	<0.005			<0.005	<0.005	<0.005	<0.005		
8/25/2021			<0.005					<0.005	
8/26/2021									0.0028 (J)
2/28/2022				<0.005					
3/1/2022	<0.005	<0.005	<0.005		<0.005	<0.005			
3/3/2022							<0.005	<0.005	0.0021 (J)
8/15/2022	<0.005	<0.005			<0.005	<0.005			
8/16/2022			<0.005	<0.005			<0.005	<0.005	
8/17/2022									0.0022 (J)
2/14/2023	<0.005	<0.005	<0.005		<0.005	<0.005	<0.005	<0.005	
2/15/2023				<0.005					0.0037 (J)
8/14/2023	<0.005	<0.005							
8/15/2023			<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	
8/16/2023									0.0036 (J)
2/13/2024	<0.005	<0.005	<0.005	<0.005		<0.005	<0.005	<0.005	
2/14/2024									0.0022 (J)
2/16/2024					<0.005				
7/30/2024	<0.005	<0.005	<0.005	<0.005		<0.005	<0.005	<0.005	
8/1/2024									0.0032 (J)
2/10/2025	<0.005	<0.005	<0.005						
2/11/2025				<0.005		<0.005	<0.005	<0.005	0.0029 (J)
8/12/2025	<0.005	<0.005	<0.005	<0.005		<0.005		<0.005	
8/13/2025							<0.005		
8/19/2025									0.0026 (J)
2/9/2026		<0.005	<0.005	<0.005		<0.005	<0.005		
2/10/2026	<0.005							<0.005	
2/13/2026									0.0032 (J)

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

Time Series

Constituent: Selenium (mg/L) Analysis Run 8/17/2026 12:56 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-10	WGWC-11	WGWC-12	WGWC-13	WGWC-14A	WGWC-15	WGWC-16	WGWC-17	WGWC-19
5/18/2016	<0.005					<0.005	0.00735 (J)	<0.005	
5/19/2016		<0.005	<0.005	<0.005					
7/19/2016						<0.005	0.0075		
7/20/2016	<0.005	<0.005	<0.005	<0.005				<0.005	
9/14/2016	<0.005	<0.005	<0.005	<0.005		<0.005	0.0091	<0.005	
11/10/2016				<0.005		<0.005	0.0056	<0.005	
11/11/2016	<0.005	<0.005	<0.005						<0.005
1/20/2017								<0.005	
1/24/2017						<0.005	0.012		
1/27/2017		<0.005	<0.005	<0.005					
2/6/2017	<0.005								<0.005
2/8/2017					<0.005				
2/23/2017					<0.005				
3/14/2017						<0.005		<0.005	
3/15/2017	<0.005	<0.005	<0.005	<0.005			0.012		<0.005
3/17/2017					<0.005				
4/11/2017					<0.005				<0.005
4/25/2017						<0.005	0.013	<0.005	
4/26/2017	<0.005	<0.005	<0.005	<0.005	<0.005				<0.005
5/17/2017					<0.005				
6/7/2017					<0.005				<0.005
7/11/2017					<0.005				<0.005
8/9/2017				<0.005		<0.005	0.016	<0.005	
8/10/2017	0.00031 (J)	0.00049 (J)	0.0021						0.00036 (J)
3/29/2018		<0.005	<0.005	<0.005	0.0003 (J)		0.016		<0.005
3/30/2018	<0.005					<0.005		<0.005	
6/14/2018	<0.005	<0.005	<0.005	<0.005	<0.005	0.0005 (J)	0.012	<0.005	<0.005
10/3/2018						<0.005			
10/4/2018	<0.005	<0.005	<0.005	<0.005	<0.005		0.013	<0.005	<0.005
2/26/2019								<0.005	
2/27/2019	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0.0081		
2/28/2019									<0.005
4/2/2019									<0.005
4/3/2019		<0.005	<0.005	<0.005	<0.005				
4/4/2019	<0.005					<0.005	0.0091	<0.005	
9/18/2019				<0.005	<0.005	<0.005	0.0044 (J)	<0.005	<0.005
9/19/2019	<0.005	<0.005	<0.005						
2/5/2020	<0.005	<0.005	<0.005	<0.005	<0.005				
2/7/2020						<0.005	0.0036 (J)	<0.005	<0.005
3/18/2020	<0.005	<0.005	<0.005			<0.005	0.0046 (J)	<0.005	
3/19/2020				<0.005	<0.005				
5/4/2020									<0.005
9/23/2020	<0.005		<0.005			<0.005	0.0028 (J)	<0.005	<0.005
9/24/2020		<0.005		<0.005	<0.005				
2/3/2021		<0.005	<0.005						<0.005
2/4/2021	<0.005			<0.005	<0.005	<0.005	0.0023 (J)	<0.005	
3/11/2021	<0.005			<0.005	<0.005		0.0023 (J)	<0.005	<0.005
3/12/2021		<0.005	<0.005			<0.005			
8/25/2021		<0.005	<0.005	<0.005	<0.005		0.0019 (J)	<0.005	
8/26/2021	<0.005					<0.005			<0.005
3/3/2022	<0.005	<0.005		<0.005	<0.005	<0.005	0.0018 (J)		<0.005
3/4/2022			<0.005					<0.005	

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

Time Series

Constituent: Selenium (mg/L) Analysis Run 8/17/2026 12:56 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-10	WGWC-11	WGWC-12	WGWC-13	WGWC-14A	WGWC-15	WGWC-16	WGWC-17	WGWC-19
8/16/2022		<0.005						<0.005	
8/17/2022						<0.005	<0.005		<0.005
8/18/2022			<0.005	<0.005					
8/19/2022	<0.005				<0.005				
2/15/2023						<0.005	0.0019 (J)		
2/16/2023	<0.005	<0.005	<0.005	<0.005	<0.005			<0.005	<0.005
8/15/2023							0.0018 (J)		
8/16/2023		<0.005	<0.005	<0.005	<0.005	<0.005		<0.005	<0.005
8/17/2023	<0.005								
2/14/2024			<0.005						
2/15/2024	<0.005			<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
2/16/2024		<0.005							
7/30/2024							0.0015 (J)		
7/31/2024	<0.005	<0.005	<0.005	<0.005		<0.005		<0.005	<0.005
8/2/2024					<0.005				
2/11/2025		<0.005	<0.005					<0.005	
2/12/2025				<0.005	<0.005		<0.005		
2/13/2025	<0.005					<0.005			<0.005
8/13/2025						<0.005		<0.005	
8/14/2025				<0.005	<0.005		<0.005		<0.005
8/15/2025			<0.005						
8/18/2025		<0.005							
8/19/2025	<0.005								
2/10/2026	<0.005	<0.005		<0.005	<0.005	<0.005	<0.005		
2/11/2026			<0.005					<0.005	<0.005

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

Time Series

Constituent: Selenium (mg/L) Analysis Run 8/17/2026 12:56 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-20	WGWC-21	WGWC-22	WGWC-23	WGWC-24	WGWC-25	WGWC-27	WGWC-28D	WAMW-1
10/18/2018									<0.005
8/26/2021	0.0016 (J)	<0.005	0.0049 (J)	0.002 (J)	<0.005	<0.005			
1/11/2022		<0.005	0.0065	0.0024 (J)	<0.005	<0.005			
1/12/2022	<0.005								
3/3/2022		<0.005			0.00077 (J)				
3/4/2022	0.0014 (J)		0.0072	0.002 (J)		<0.005			
6/6/2022		<0.005		0.0018 (J)	<0.005				
6/7/2022	0.0014 (J)		0.0047 (J)			<0.005			
8/16/2022		<0.005							
8/17/2022				0.0013 (J)		<0.005			
8/18/2022	0.0027 (J)				<0.005				
8/19/2022			0.0035 (J)						
10/19/2022							<0.005		
2/15/2023			0.0077	0.0026 (J)	<0.005	<0.005			
2/16/2023	0.0017 (J)	<0.005					<0.005		
8/11/2023	0.0016 (J)						<0.005		
8/15/2023						<0.005			
8/17/2023		<0.005	0.0038 (J)	0.0024 (J)	<0.005				
9/26/2023								<0.005	
2/13/2024	0.0035 (J)								
2/14/2024			0.0041 (J)		<0.005			<0.005	
2/15/2024		<0.005		0.003 (J)		<0.005	<0.005		
7/31/2024	0.0043 (J)			0.0027 (J)	<0.005	<0.005			
8/1/2024		<0.005					<0.005	<0.005	
8/2/2024			0.0036 (J)						
2/12/2025	0.0026 (J)		0.003 (J)			<0.005	<0.005	<0.005	<0.005
2/13/2025		<0.005		0.0031 (J)	<0.005				
8/13/2025						<0.005			
8/14/2025	0.0032 (J)							0.0066	<0.005
8/18/2025			0.0025 (J)		<0.005		<0.005		
8/19/2025		<0.005		<0.005					
2/10/2026	0.0034 (J)				<0.005		<0.005		
2/11/2026		<0.005	0.0037 (J)	0.0026 (J)		<0.005			
2/12/2026								0.0023 (J)	<0.005

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

Time Series

Constituent: Selenium (mg/L) Analysis Run 8/17/2026 12:56 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WAMW-2	PZ-26D	WGWC-30	WGWC-31D	WGWC-31S	WGWC-32	WGWC-33	WGWC-34D	WGWC-34S
10/16/2018	<0.005								
8/17/2023		<0.005							
2/15/2024		<0.005							
8/1/2024		<0.005							
2/12/2025	<0.005								
2/13/2025		<0.005							
8/13/2025		<0.005							
8/19/2025	<0.005								
8/20/2025			<0.005		<0.005	0.0027 (J)	0.0098		
8/21/2025				<0.005				0.018	
8/25/2025									<0.005
11/10/2025						<0.005			
11/11/2025					<0.005			0.014	<0.005
11/12/2025				<0.005			<0.005		
11/13/2025			<0.005						
2/9/2026					<0.005				<0.005
2/10/2026			<0.005	<0.005					
2/11/2026	<0.005					0.003 (J)	0.012	0.019	
2/12/2026		<0.005							

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

Time Series

Constituent: Selenium (mg/L) Analysis Run 8/17/2026 12:56 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-35D	WGWC-35S	WGWC-36D	WGWC-36S	WGWC-37D	WGWC-37S	WGWC-38D	WGWC-38S	WGWC-39
8/20/2025							0.14		
8/21/2025				0.018		<0.005		<0.005	<0.005
8/26/2025	<0.005	<0.005	<0.005						
8/27/2025					<0.005				
11/10/2025			<0.005				0.049		
11/11/2025					<0.005				
11/12/2025	<0.005	0.011						0.0043 (J)	
11/13/2025				0.0029 (J)		0.019			0.0026 (J)
2/9/2026					<0.005				
2/10/2026			<0.005			0.017			<0.005
2/11/2026	<0.005			<0.005					
2/12/2026		<0.005					0.062	<0.005	

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

Time Series

Constituent: Selenium (mg/L) Analysis Run 8/17/2026 12:56 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-40	WGWC-41	WGWC-42	WGWC-8A	PZ-31
2/13/2025					<0.005
8/13/2025					<0.005
8/20/2025	<0.005		<0.005		
8/21/2025		<0.005			
11/10/2025			<0.005		
11/11/2025	<0.005				
1/8/2026			0.0027 (J)		
2/11/2026	<0.005	<0.005			
2/12/2026					<0.005
2/13/2026				<0.005	

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

Time Series

Constituent: Sulfate (mg/L) Analysis Run 8/17/2026 12:56 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWA-1 (bg)	WGWA-2 (bg)	WGWA-3 (bg)	WGWA-4 (bg)	WGWA-5 (bg)	WGWA-6 (bg)	WGWA-7 (bg)	WGWA-18 (bg)	WGWC-9
5/17/2016	<1	1.14						19.9	
5/18/2016			0.821 (J)	5.32	0.955 (J)	8.88	0.368 (J)		
5/19/2016									35.9
7/19/2016	<1	1.4			0.76 (J)	9	<1	14	
7/20/2016			0.82 (J)	6.5					37
9/13/2016	<1	1.1	0.81 (J)	5.6		8.5	<1	11	
9/14/2016					3.4				39
11/9/2016	<1	1.1				8.2		6.3	
11/10/2016			0.73 (J)	5.4			<1		
1/17/2017	<1	2.1							
1/18/2017			0.99 (J)	5.1		9.4	1.4		
1/19/2017					21			7.4	
2/9/2017									60
3/13/2017	<1	0.97 (J)							
3/14/2017			0.83 (J)	4.6	1.4	2	<1	10	
3/15/2017									44
4/11/2017									36
4/24/2017	<1	0.75 (J)							
4/25/2017			0.7 (J)	6.6	0.89 (J)	8.2	<1	10	
4/26/2017									37
8/8/2017	<1	1.1	0.82 (J)			8.5	<1	12	
8/9/2017				7.3	0.75 (J)				
8/10/2017									38
8/25/2017					<1				
10/10/2017	<1	1.3							
10/11/2017			0.72 (J)	6.8	<1	8.3	<1	11	
10/12/2017									37
3/27/2018	<1	0.72 (J)							
3/28/2018			<1	6.8	0.88 (J)	8.1	<1	12	
3/29/2018									37
6/13/2018	<1				<1	8.3		8.2	
6/14/2018		0.84 (J)	<1	6.9			<1		37
9/24/2018		0.79 (J)							
9/27/2018	<1								
9/28/2018								7.6	
10/2/2018						8.3			
10/3/2018			0.73 (J)	7	<1		<1		
10/4/2018									38
4/1/2019	<1	1							
4/2/2019			1.1	8.1	0.94 (J)	8.5	0.4 (J)	11	
4/3/2019									41
9/16/2019	0.49 (J)				2.2	8.9			
9/17/2019		1.3		8.1				8	
9/18/2019			0.78 (J)				<1		
9/19/2019									42
3/16/2020	0.42 (J)	1.3							
3/17/2020			1.2	12	4	12	0.86 (J)	8.5	
3/19/2020									45
9/21/2020		1.1	0.77 (J)	7.7					
9/22/2020	<1				1.5	8	0.38 (J)	9	
9/23/2020									54
3/10/2021		0.9 (J)	0.91 (J)	8.1	<1		<1	7.1	

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

Time Series

Constituent: Sulfate (mg/L) Analysis Run 8/17/2026 12:56 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWA-1 (bg)	WGWA-2 (bg)	WGWA-3 (bg)	WGWA-4 (bg)	WGWA-5 (bg)	WGWA-6 (bg)	WGWA-7 (bg)	WGWA-18 (bg)	WGWC-9
3/11/2021	<1					8.4			
3/12/2021									62
8/23/2021		1.3							
8/24/2021	<1			7.9	2.8	8.9	<1		
8/25/2021			0.79 (J)					8.2	
8/26/2021									52
2/28/2022				8.4					
3/1/2022	<1	1.6	0.98 (J)		0.99 (J)	9.2			
3/3/2022							<1	8.5	58
8/15/2022	<1	0.54 (J)			1.6	7.5			
8/16/2022			0.52 (J)	6.9			<1	7.2	
8/17/2022									50
2/14/2023	<1	0.66 (J)	0.65 (J)		0.66 (J)	7.9	<1	7.3	
2/15/2023				7.8					65
8/14/2023	<1	0.74 (J)							
8/15/2023			0.71 (J)	7.4	1.2	7.3	0.45 (J)	6.8	
8/16/2023									50
2/13/2024	<1	0.64 (J)	0.68 (J)	6.2		6.7	0.56 (J)	5.1	
2/14/2024									37
2/16/2024					1.5				
7/30/2024	<1	0.81 (J)	0.73 (J)	7.7		7.7	<1	8.6	
8/1/2024									50
2/10/2025	<1	1.1	1.1						
2/11/2025				8.1		7.9	0.7 (J)	8.4	26
8/12/2025	<1	1.4	<1	8.7		6.3		6	
8/13/2025							<1		
8/19/2025									47
2/9/2026		1.2	1.2	8.4		8.6	<1		
2/10/2026	<1							7.7	
2/13/2026									78

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

Time Series

Constituent: Sulfate (mg/L) Analysis Run 8/17/2026 12:56 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-10	WGWC-11	WGWC-12	WGWC-13	WGWC-14A	WGWC-15	WGWC-16	WGWC-17	WGWC-19
5/18/2016	2.84					50.7	388	32.1	
5/19/2016		1.83	15.8	19.2					
7/19/2016						62	460		
7/20/2016	2.8	1.6	16	11				9.7	
9/14/2016	2.8	1.5	16	8.6		79	500	6.6	
11/10/2016				5.7		61	530	5.2	
11/11/2016	2.6	1.4	14						3.4
1/20/2017								5.3	
1/24/2017						34	600		
1/27/2017		2.5	15	6.8					
2/6/2017	2.7								3.7
2/8/2017					4.3				
2/23/2017					16				
3/14/2017						43		9.6	
3/15/2017	2.7	2.5	17	11			610		3.6
3/17/2017					22				
4/11/2017					13				3.2
4/25/2017						39	620	20	
4/26/2017	2.5	2.2	15	8.1	20				3.3
5/17/2017					12				
6/7/2017					8.1				3.8
7/11/2017					17				3.3
8/9/2017				8.1		35	780	6.5	
8/10/2017	2.2	2.3	16						3.7
10/11/2017					3.4	48	720	13	
10/12/2017	1.9	1.9	14	6.1					3.6
3/29/2018		2.2	16	6.5	4.6		700		3.4
3/30/2018	1.9					42		16	
6/14/2018	2	1.7	14	5	5.8	44	620	16	3.5
10/3/2018						49			
10/4/2018	1.9	1.6	14	4.3	2.8		560	15	4.6
4/2/2019									3.8
4/3/2019		1.9	13	3.8	3.8				
4/4/2019	2.2					41	250	9.1	
9/18/2019				3.9	1.7	37	130	7.3	3.6
9/19/2019	2.1	1.3	14						
3/18/2020	2.1	1.6	12			17	120	4.2	
3/19/2020				4	1.5				
5/4/2020									4.5
9/23/2020	1.8		12			21	85	4.4	3
9/24/2020		2.7		0.63 (J)	1.2				
3/11/2021	2.8			2.9	1.7		64	3.9	4
3/12/2021		2	14			19			
8/25/2021		1.1	13	1.8	<1		63	3.3	
8/26/2021	1.8					16			3.5
3/3/2022	2	2.3		3	1.3	18	57		4.8
3/4/2022			14					3.6	
8/16/2022		0.98 (J)						3.4	
8/17/2022						14	49		2.8
8/18/2022			11	1.7					
8/19/2022	1.6				<1				
2/15/2023						14	54		

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

Time Series

Constituent: Sulfate (mg/L) Analysis Run 8/17/2026 12:56 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-10	WGWC-11	WGWC-12	WGWC-13	WGWC-14A	WGWC-15	WGWC-16	WGWC-17	WGWC-19
2/16/2023	1.8	1	2.8	2.3	0.47 (J)			2.6	3
8/15/2023							52		
8/16/2023		1	12	2.1	0.52 (J)	13		2.6	2.6
8/17/2023	1.7								
2/14/2024			8.8						
2/15/2024	3.2			4.3	1.2	16	50	5.4	5.7
2/16/2024		2.1							
7/30/2024							41		
7/31/2024	1.9	1	12	2.2		14		3	3.2
8/2/2024					0.6 (J)				
2/11/2025		0.41 (J)	13					3.4	
2/12/2025				2.6	0.45 (J)		40		
2/13/2025	1.9					13			3.3
8/13/2025						14		3.8	
8/14/2025				2.9	0.8 (J)		38		3.3
8/15/2025			13						
8/18/2025		1.5							
8/19/2025	2.1								
2/10/2026	2	1.2		3.3	0.82 (J)	14	35		
2/11/2026			12					4.4	3.5

Time Series

Constituent: Sulfate (mg/L) Analysis Run 8/17/2026 12:56 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-20	WGWC-21	WGWC-22	WGWC-23	WGWC-24	WGWC-25	WGWC-27	WGWC-28D	WAMW-1
10/18/2018									3.7
3/8/2021	240					4.7			
3/9/2021		230	80	14	140				
4/7/2021		190		5.1	160				
4/8/2021	240		60			5.8			
8/26/2021	290	190	100	7.5	170	13			
1/11/2022		260	140	5.3	160	21			
1/12/2022	360								
3/3/2022		250			130				
3/4/2022	390		150	5		21			
6/6/2022		140		5.3	67				
6/7/2022	280		96			22			
8/16/2022		240							
8/17/2022				5.5		25			
8/18/2022	280				49				
8/19/2022			87						
10/19/2022							12		
2/15/2023			110	5.2	120	27			
2/16/2023	350	340					29		
8/11/2023	330						31		
8/15/2023						19			
8/17/2023		310	71	4.9	50				
9/26/2023								380	
11/7/2023								480	
2/13/2024	280								
2/14/2024			64		55			300	
2/15/2024		420		8.7		21	37		
7/31/2024	380			5.6	43	22			
8/1/2024		320					26	490	
8/2/2024			55						
1/8/2025									3.5
2/12/2025	470		66			17	27	300	37
2/13/2025		350		7.3	79				
8/13/2025						4.2			
8/14/2025	380							720	4.3
8/18/2025			54		35		20		
8/19/2025		320		6.5					
11/13/2025								670 (R)	
2/10/2026	390				60		22		
2/11/2026		270	61	6.4		26			
2/12/2026								670	5.2

Time Series

Constituent: Sulfate (mg/L) Analysis Run 8/17/2026 12:56 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WAMW-2	PZ-26D	WGWC-30	WGWC-31D	WGWC-31S	WGWC-32	WGWC-33	WGWC-34D	WGWC-34S
10/16/2018	9.5								
3/9/2021		46							
4/7/2021		48							
8/17/2023		31							
2/15/2024		36							
8/1/2024		53							
12/9/2024	5.6								
2/12/2025	4.1								
2/13/2025		24							
8/13/2025		41							
8/19/2025	6.7								
8/20/2025			<1		2.1	34	250		
8/21/2025				24				380	
8/25/2025									<1
11/10/2025						40			
11/11/2025					6.8			420	2.2
11/12/2025				20			320		
11/13/2025			0.83 (J)						
2/9/2026					2.4				1.7
2/10/2026			1	23					
2/11/2026	5.8					44	310	420	
2/12/2026		18							

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

Time Series

Constituent: Sulfate (mg/L) Analysis Run 8/17/2026 12:56 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-35D	WGWC-35S	WGWC-36D	WGWC-36S	WGWC-37D	WGWC-37S	WGWC-38D	WGWC-38S	WGWC-39
8/20/2025							1300		
8/21/2025				16		9.1 (J)		16 (J)	<1
8/26/2025	5.4	7.9	3.7						
8/27/2025					35				
11/10/2025			4.7				1200		
11/11/2025					16				
11/12/2025	1.7	3.8						12	
11/13/2025				16		3			<1
2/9/2026					16				
2/10/2026			3.3			2.9			1
2/11/2026	2.8			15 (J)					
2/12/2026		2.5					1200	<20	

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

Time Series

Constituent: Sulfate (mg/L) Analysis Run 8/17/2026 12:56 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-40	WGWC-41	WGWC-42	WGWC-8A	PZ-31
5/9/2024					1.6
2/13/2025					0.62 (J)
8/13/2025					2
8/20/2025	<1		2		
8/21/2025		37			
11/10/2025			4.3		
11/11/2025	1.4				
1/8/2026			8.6		
2/11/2026	<1	110			
2/12/2026					2.5
2/13/2026				76	

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

Time Series

Constituent: TDS (mg/L) Analysis Run 8/17/2026 12:56 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWA-1 (bg)	WGWA-2 (bg)	WGWA-3 (bg)	WGWA-4 (bg)	WGWA-5 (bg)	WGWA-6 (bg)	WGWA-7 (bg)	WGWA-18 (bg)	WGWC-9
5/17/2016	<10	100						112	
5/18/2016			29	101	33	113	31		
5/19/2016									134
7/19/2016	14	84			<5	92	<5	80	
7/20/2016			<5	86					120
9/13/2016	50	70	12	28		100	<5	120	
9/14/2016					150				140
11/9/2016	22	110				130		76	
11/10/2016			30	110			44		
1/17/2017	8	120							
1/18/2017			22	98		120	50		
1/19/2017					34			36	
2/9/2017									180
3/13/2017	<10	58							
3/14/2017			22	110	32	110	26	70	
3/15/2017									160
4/11/2017									120
4/24/2017	10	94							
4/25/2017			22	86	22	100	10	70	
4/26/2017									140
8/8/2017	<10	62	4 (J)			90	<5	72	
8/9/2017				92	20				
8/10/2017									130
8/25/2017					<5				
10/10/2017	44	140							
10/11/2017			10	110	4 (J)	98	42	90	
10/12/2017									120
3/27/2018	18	92							
3/28/2018			34	110	12	130	6	120	
3/29/2018									130
6/13/2018	24				<5	110		38	
6/14/2018		80	26	92			14		120
9/24/2018		76							
9/27/2018	28								
9/28/2018								68	
10/2/2018						130			
10/3/2018			50	100	24		6		
10/4/2018									140
4/1/2019	<10	63							
4/2/2019			28	100	25	110	15	100	
4/3/2019									120
9/16/2019	27				41	110			
9/17/2019		120		120				76	
9/18/2019			36				35		
9/19/2019									130
3/16/2020	23	90							
3/17/2020			20	100	18	120	19	81	
3/19/2020									160
9/21/2020		100	22	92					
9/22/2020	24				190	130	15	96	
9/23/2020									150
3/10/2021		100	20	100	19		20	72	

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

Time Series

Constituent: TDS (mg/L) Analysis Run 8/17/2026 12:56 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWA-1 (bg)	WGWA-2 (bg)	WGWA-3 (bg)	WGWA-4 (bg)	WGWA-5 (bg)	WGWA-6 (bg)	WGWA-7 (bg)	WGWA-18 (bg)	WGWC-9
3/11/2021	24					110			
3/12/2021									130
8/23/2021		110							
8/24/2021	32			110	150	120	24		
8/25/2021			21					92	
8/26/2021									170
2/28/2022				95					
3/1/2022	30	92	31		23	140			
3/3/2022							17	43	140
8/15/2022	45	100			140	120			
8/16/2022			30	110			22	60	
8/17/2022									150
2/14/2023	34	100	27		24	120	24	42	
2/15/2023				100					160
8/14/2023	37	110							
8/15/2023			34	110	82	130	29	56	
8/16/2023									110
2/13/2024	36	140	34	110		120	51	43	
2/14/2024									150
2/16/2024					34				
7/30/2024	34	100	31	100		110	23	63	
8/1/2024									150
2/10/2025	37	120	34						
2/11/2025				110		120	84	46	140
8/12/2025	41	120	38	110		130		62	
8/13/2025							25		
8/19/2025									150
2/9/2026		85	28	95		100	21		
2/10/2026	18							44	
2/13/2026									190

Time Series

Constituent: TDS (mg/L) Analysis Run 8/17/2026 12:56 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-10	WGWC-11	WGWC-12	WGWC-13	WGWC-14A	WGWC-15	WGWC-16	WGWC-17	WGWC-19
5/18/2016	70					190	1080	107	
5/19/2016		39	101	127					
7/19/2016						180	1200		
7/20/2016	42	<10	76	88				78	
9/14/2016	40	24	96	92		230	1300	82	
11/10/2016				100		210	1400	98	
11/11/2016	72	42	100						98
1/20/2017								82	
1/24/2017						140	1300		
1/27/2017		18	50	80					
2/6/2017	24								36
2/8/2017					54				
2/23/2017					78				
3/14/2017						220		120	
3/15/2017	78	54	120	100			1500		120
3/17/2017					56				
4/11/2017					76				68
4/25/2017						180	1700	120	
4/26/2017	48	42	100	92	76				76
5/17/2017					68				
6/7/2017					72				74
7/11/2017					68				70
8/9/2017				120		180	1900	92	
8/10/2017	38	30	96						66
10/11/2017					68	200	1900	74	
10/12/2017	72	54	100	110					100
3/29/2018		62	120	120	48		2200		110
3/30/2018	64					210		100	
6/14/2018	40	16	94	88	52	170	1500	100	74
10/3/2018						260			
10/4/2018	60	56	110	100	130		1700	98	100
4/2/2019									88
4/3/2019		<10	66	72	31				
4/4/2019	30					170	710	89	
9/18/2019				110	33	160	520	79	96
9/19/2019	52	27	89						
3/18/2020	58	26	73			160	370	98	
3/19/2020				95	18				
5/4/2020									110
9/23/2020	50		90			150	250	60	94
9/24/2020		60		21	24				
3/11/2021	52			63	24		190	75	100
3/12/2021		27	78			130			
8/25/2021		32	110	53	30		220	84	
8/26/2021	60					150			94
3/3/2022	45	21		71	17	140	170		98
3/4/2022			89					55	
8/16/2022		33						81	
8/17/2022						140	170		93
8/18/2022			88	89					
8/19/2022	63				26				
2/15/2023						130	160		

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

Time Series

Constituent: TDS (mg/L) Analysis Run 8/17/2026 12:56 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-10	WGWC-11	WGWC-12	WGWC-13	WGWC-14A	WGWC-15	WGWC-16	WGWC-17	WGWC-19
2/16/2023	54	33	89	81	27			77	100
8/15/2023							160		
8/16/2023		33	92	84	29	150		81	100
8/17/2023	56								
2/14/2024			85						
2/15/2024	53			84	31	130	150	79	100
2/16/2024		31							
7/30/2024							120		
7/31/2024	56	35	92	85		140		83	97
8/2/2024					31				
2/11/2025		35	96					81	
2/12/2025				84	28		120		
2/13/2025	58					140			100
8/13/2025						150		86	
8/14/2025				90	27		120		88
8/15/2025			100						
8/18/2025		31							
8/19/2025	42								
2/10/2026	46	43		73	38	140	110		
2/11/2026			90					76	94

Time Series

Constituent: TDS (mg/L) Analysis Run 8/17/2026 12:56 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-20	WGWC-21	WGWC-22	WGWC-23	WGWC-24	WGWC-25	WGWC-27	WGWC-28D	WAMW-1
10/18/2018									120
3/8/2021	590					220			
3/9/2021		610	200	79	370				
4/7/2021		520		66	510				
4/8/2021	540		170			180			
8/26/2021	720	480	240	88	420	200			
1/11/2022		580	270	67	320	220			
1/12/2022	1200								
3/3/2022		580			280				
3/4/2022	1100		260	69		200			
6/6/2022		670		90	210				
6/7/2022	920		210			240			
8/16/2022		530							
8/17/2022				85		210			
8/18/2022	760				140				
8/19/2022			190						
10/19/2022							92		
2/15/2023			210	71	230	200			
2/16/2023	960	630					160		
8/11/2023	910						180		
8/15/2023						180			
8/17/2023		690	180	73	150				
9/26/2023								1400	
11/7/2023								1600	
2/13/2024	1200								
2/14/2024			210		180			1700	
2/15/2024		740		76		130	170		
7/31/2024	1200			81	120	210			
8/1/2024		630					170	1700	
8/2/2024			170						
1/8/2025									120
2/12/2025	1300		150			170	160	2000	130
2/13/2025		610		140	160				
8/13/2025						280			
8/14/2025	930							3600 (o)	140
8/18/2025			160		110		130		
8/19/2025		700		76					
11/13/2025								1800 (R)	
2/10/2026	880				130		130		
2/11/2026		590	160	77		180			
2/12/2026								2100	110

Time Series

Constituent: TDS (mg/L) Analysis Run 8/17/2026 12:56 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WAMW-2	PZ-26D	WGWC-30	WGWC-31D	WGWC-31S	WGWC-32	WGWC-33	WGWC-34D	WGWC-34S
10/16/2018	110								
3/9/2021		180							
4/7/2021		410							
8/17/2023		150							
2/15/2024		160							
8/1/2024		200							
12/9/2024	120								
2/12/2025	140								
2/13/2025		150							
8/13/2025		180							
8/19/2025	110								
8/20/2025			56		78	110	560		
8/21/2025				210				900	
8/25/2025									19
11/10/2025						100			
11/11/2025					65			800	21
11/12/2025				190			540		
11/13/2025			44						
2/9/2026					44				<10
2/10/2026			20	160					
2/11/2026	120					120	510	810	
2/12/2026		120							

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

Time Series

Constituent: TDS (mg/L) Analysis Run 8/17/2026 12:56 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-35D	WGWC-35S	WGWC-36D	WGWC-36S	WGWC-37D	WGWC-37S	WGWC-38D	WGWC-38S	WGWC-39
8/20/2025							5900		
8/21/2025				230		1300		330	36
8/26/2025	190	210	43						
8/27/2025					190				
11/10/2025			67				5500		
11/11/2025					200				
11/12/2025	220	240						200	
11/13/2025				190		2500			40
2/9/2026					170				
2/10/2026			54			910			15
2/11/2026	210			160					
2/12/2026		210					4900	340	

Time Series

Constituent: TDS (mg/L) Analysis Run 8/17/2026 12:56 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-40	WGWC-41	WGWC-42	WGWC-8A	PZ-31
5/9/2024					<40
2/13/2025					38
8/13/2025					39
8/20/2025	41		47		
8/21/2025		130			
11/10/2025			49		
11/11/2025	42				
1/8/2026			31		
2/11/2026	33	200			
2/12/2026					11
2/13/2026				330	

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

Time Series

Constituent: Thallium (mg/L) Analysis Run 8/17/2026 12:56 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWA-1 (bg)	WGWA-2 (bg)	WGWA-3 (bg)	WGWA-4 (bg)	WGWA-5 (bg)	WGWA-6 (bg)	WGWA-7 (bg)	WGWA-18 (bg)	WGWC-9
5/17/2016	<0.001	<0.001						<0.001	
5/18/2016			<0.001	<0.001	<0.001	<0.001	<0.001		
5/19/2016									<0.001
7/19/2016	<0.001	<0.001			<0.001	<0.001	<0.001	<0.001	
7/20/2016			<0.001	<0.001					<0.001
9/13/2016	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	
9/14/2016					9E-05 (J)				<0.001
11/9/2016	<0.001	<0.001				<0.001		<0.001	
11/10/2016			<0.001	<0.001			<0.001		
1/17/2017	<0.001	<0.001							
1/18/2017			<0.001	<0.001		<0.001	<0.001		
1/19/2017					<0.001			<0.001	
2/9/2017									<0.001
3/13/2017	<0.001	<0.001							
3/14/2017			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
3/15/2017									<0.001
4/11/2017									<0.001
4/24/2017	<0.001	<0.001							
4/25/2017			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
4/26/2017									<0.001
8/8/2017	<0.001	<0.001	<0.001			<0.001	<0.001	<0.001	
8/9/2017				<0.001	<0.001				
8/10/2017									<0.001
8/25/2017					<0.001				
3/27/2018	<0.001	<0.001							
3/28/2018			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
3/29/2018									<0.001
6/13/2018	<0.001				<0.001	<0.001		<0.001	
6/14/2018		<0.001	<0.001	<0.001			<0.001		<0.001
9/24/2018		<0.001							
9/27/2018	<0.001								
9/28/2018								<0.001	
10/2/2018						<0.001			
10/3/2018			<0.001	<0.001	<0.001		<0.001		
10/4/2018									<0.001
2/25/2019	<0.001	<0.001							
2/26/2019			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
2/28/2019									<0.001
4/1/2019	<0.001	<0.001							
4/2/2019			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
4/3/2019									<0.001
9/16/2019	0.00016 (J)				<0.001	0.00062 (J)			
9/17/2019		<0.001		<0.001				<0.001	
9/18/2019			<0.001				<0.001		
9/19/2019									<0.001
2/3/2020	<0.001	0.0002 (J)							
2/4/2020			<0.001	<0.001	<0.001	<0.001			
2/5/2020							0.00026 (J)	<0.001	<0.001
3/16/2020	0.00036 (J)	0.0003 (J)							
3/17/2020			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
3/19/2020									<0.001
9/21/2020		<0.001	<0.001	<0.001					

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

Time Series

Constituent: Thallium (mg/L) Analysis Run 8/17/2026 12:56 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWA-1 (bg)	WGWA-2 (bg)	WGWA-3 (bg)	WGWA-4 (bg)	WGWA-5 (bg)	WGWA-6 (bg)	WGWA-7 (bg)	WGWA-18 (bg)	WGWC-9
9/22/2020	<0.001				<0.001	<0.001	<0.001	<0.001	
9/23/2020									<0.001
2/2/2021	<0.001	0.0004 (J)	<0.001	<0.001			<0.001	<0.001	
2/3/2021					0.00042 (J)	<0.001			
2/4/2021									<0.001
3/10/2021		0.00073 (J)	0.00028 (J)	0.00017 (J)	<0.001		<0.001	<0.001	
3/11/2021	0.00045 (J)					<0.001			
3/12/2021									<0.001
8/23/2021		<0.001							
8/24/2021	<0.001			<0.001	<0.001	<0.001	<0.001		
8/25/2021			<0.001					<0.001	
8/26/2021									<0.001
2/28/2022				<0.001					
3/1/2022	<0.001	<0.001	<0.001		<0.001	<0.001			
3/3/2022							<0.001	<0.001	<0.001
8/15/2022	<0.001	<0.001			<0.001	<0.001			
8/16/2022			<0.001	<0.001			<0.001	<0.001	
8/17/2022									<0.001
2/14/2023	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001	
2/15/2023				<0.001					<0.001
8/14/2023	<0.001	<0.001							
8/15/2023			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
8/16/2023									<0.001
2/13/2024	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	
2/14/2024									<0.001
2/16/2024					<0.001				
7/30/2024	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	<0.001	
8/1/2024									<0.001
2/10/2025	<0.001	<0.001	<0.001						
2/11/2025				<0.001		<0.001	<0.001	<0.001	<0.001
8/12/2025	<0.001	<0.001	<0.001	<0.001		<0.001		<0.001	
8/13/2025							<0.001		
8/19/2025									<0.001
2/9/2026		<0.001	<0.001	<0.001		<0.001	<0.001		
2/10/2026	<0.001							<0.001	
2/13/2026									<0.001

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

Time Series

Constituent: Thallium (mg/L) Analysis Run 8/17/2026 12:56 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-10	WGWC-11	WGWC-12	WGWC-13	WGWC-14A	WGWC-15	WGWC-16	WGWC-17	WGWC-19
5/18/2016	<0.001					<0.001	<0.001	<0.001	
5/19/2016		<0.001	<0.001	<0.001					
7/19/2016						<0.001	8.5E-05 (J)		
7/20/2016	<0.001	<0.001	<0.001	<0.001				<0.001	
9/14/2016	<0.001	<0.001	<0.001	<0.001		<0.001	0.00017 (J)	<0.001	
11/10/2016				<0.001		<0.001	0.00017 (J)	<0.001	
11/11/2016	<0.001	<0.001	<0.001						<0.001
1/20/2017								<0.001	
1/24/2017						<0.001	0.00023 (J)		
1/27/2017		<0.001	<0.001	<0.001					
2/6/2017	<0.001								<0.001
2/8/2017					0.00011 (J)				
2/23/2017					0.00012 (J)				
3/14/2017						<0.001		<0.001	
3/15/2017	<0.001	<0.001	<0.001	<0.001			0.00021 (J)		<0.001
3/17/2017					<0.001				
4/11/2017					<0.001				<0.001
4/25/2017						<0.001	0.00024 (J)	<0.001	
4/26/2017	<0.001	<0.001	<0.001	<0.001	<0.001				<0.001
5/17/2017					<0.001				
6/7/2017					<0.001				<0.001
7/11/2017					<0.001				<0.001
8/9/2017				<0.001		<0.001	0.0002 (J)	<0.001	
8/10/2017	<0.001	<0.001	<0.001						<0.001
3/29/2018		<0.001	<0.001	<0.001	0.0002 (J)		0.00019 (J)		<0.001
3/30/2018	8.5E-05 (J)					<0.001		<0.001	
6/14/2018	<0.001	<0.001	<0.001	<0.001	0.00014 (J)	<0.001	0.00017 (J)	<0.001	<0.001
10/3/2018						<0.001			
10/4/2018	<0.001	<0.001	<0.001	<0.001	0.00013 (J)		0.00015 (J)	<0.001	<0.001
2/26/2019								<0.001	
2/27/2019	<0.001	<0.001	<0.001	<0.001	0.00016 (J)	<0.001	0.00015 (J)		
2/28/2019									<0.001
4/2/2019									<0.001
4/3/2019		<0.001	<0.001	<0.001	0.00012 (J)				
4/4/2019	<0.001					<0.001	9.5E-05 (J)	<0.001	
9/18/2019				<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
9/19/2019	<0.001	<0.001	<0.001						
2/5/2020	<0.001	<0.001	<0.001	<0.001	0.00022 (J)				
2/7/2020						<0.001	<0.001	<0.001	<0.001
3/18/2020	<0.001	<0.001	<0.001			<0.001	<0.001	<0.001	
3/19/2020				<0.001	0.00017 (J)				
5/4/2020									<0.001
9/23/2020	<0.001		<0.001			<0.001	<0.001	<0.001	<0.001
9/24/2020		<0.001		<0.001	<0.001				
2/3/2021		0.00016 (J)	<0.001						0.00018 (J)
2/4/2021	<0.001			<0.001	0.00021 (J)	<0.001	<0.001	<0.001	
3/11/2021	<0.001			<0.001	0.00019 (J)		<0.001	<0.001	<0.001
3/12/2021		<0.001	<0.001			<0.001			
8/25/2021		<0.001	<0.001	<0.001	<0.001		<0.001	<0.001	
8/26/2021	<0.001					<0.001			<0.001
3/3/2022	<0.001	<0.001		<0.001	<0.001	<0.001	<0.001		<0.001
3/4/2022			<0.001					<0.001	

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

Time Series

Constituent: Thallium (mg/L) Analysis Run 8/17/2026 12:56 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-10	WGWC-11	WGWC-12	WGWC-13	WGWC-14A	WGWC-15	WGWC-16	WGWC-17	WGWC-19
8/16/2022		<0.001						<0.001	
8/17/2022						<0.001	<0.001		<0.001
8/18/2022			<0.001	<0.001					
8/19/2022	<0.001				<0.001				
2/15/2023						<0.001	<0.001		
2/16/2023	<0.001	<0.001	<0.001	<0.001	<0.001			<0.001	<0.001
8/15/2023							<0.001		
8/16/2023		<0.001	<0.001	<0.001	<0.001	<0.001		<0.001	<0.001
8/17/2023	<0.001								
2/14/2024			<0.001						
2/15/2024	<0.001			<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
2/16/2024		<0.001							
7/30/2024							<0.001		
7/31/2024	<0.001	<0.001	<0.001	<0.001		<0.001		<0.001	<0.001
8/2/2024					<0.001				
2/11/2025		<0.001	<0.001					<0.001	
2/12/2025				<0.001	<0.001		<0.001		
2/13/2025	<0.001					<0.001			<0.001
8/13/2025						<0.001		<0.001	
8/14/2025				<0.001	<0.001		<0.001		<0.001
8/15/2025			<0.001						
8/18/2025		0.00049 (J)							
8/19/2025	<0.001								
2/10/2026	<0.001	<0.001		<0.001	0.00038 (J)	0.00025 (J)	<0.001		
2/11/2026			0.0042					<0.001	<0.001

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

Time Series

Constituent: Thallium (mg/L) Analysis Run 8/17/2026 12:56 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-20	WGWC-21	WGWC-22	WGWC-23	WGWC-24	WGWC-25	WGWC-27	WGWC-28D	WAMW-1
10/18/2018									<0.001
8/26/2021	<0.001	<0.001	<0.001	<0.001	0.00072 (J)	<0.001			
1/11/2022		<0.001	<0.001	<0.001	0.00062 (J)	<0.001			
1/12/2022	<0.001								
3/3/2022		<0.001			0.0006 (J)				
3/4/2022	<0.001		0.00047 (J)	<0.001		<0.001			
6/6/2022		<0.001		<0.001	0.00052 (J)				
6/7/2022	<0.001		<0.001			<0.001			
8/16/2022		<0.001							
8/17/2022				<0.001		<0.001			
8/18/2022	<0.001				0.0003 (J)				
8/19/2022			<0.001						
10/19/2022							<0.001		
2/15/2023			<0.001	<0.001	0.00045 (J)	<0.001			
2/16/2023	<0.001	<0.001					<0.001		
8/11/2023	<0.001						<0.001		
8/15/2023						<0.001			
8/17/2023		<0.001	<0.001	<0.001	0.00028 (J)				
9/26/2023								<0.001	
2/13/2024	<0.001								
2/14/2024			<0.001		0.00033 (J)			<0.001	
2/15/2024		<0.001		<0.001		<0.001	<0.001		
7/31/2024	<0.001			<0.001	0.00031 (J)	<0.001			
8/1/2024		<0.001					<0.001	<0.001	
8/2/2024			<0.001						
2/12/2025	<0.001		<0.001			<0.001	<0.001	<0.001	<0.001
2/13/2025		<0.001		<0.001	<0.001				
8/13/2025						<0.001			
8/14/2025	<0.001							<0.001	<0.001
8/18/2025			<0.001		0.00027 (J)		<0.001		
8/19/2025		<0.001		<0.001					
2/10/2026	<0.001				0.00053 (J)		<0.001		
2/11/2026		<0.001	<0.001	<0.001		<0.001			
2/12/2026								<0.001	0.00025 (J)

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

Time Series

Constituent: Thallium (mg/L) Analysis Run 8/17/2026 12:56 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WAMW-2	PZ-26D	WGWC-30	WGWC-31D	WGWC-31S	WGWC-32	WGWC-33	WGWC-34D	WGWC-34S
10/16/2018	<0.001								
8/17/2023		<0.001							
2/15/2024		<0.001							
8/1/2024		<0.001							
2/12/2025	<0.001								
2/13/2025		<0.001							
8/13/2025		<0.001							
8/19/2025	<0.001								
8/20/2025			0.00035 (J)		0.00021 (J)	0.00019 (J)	<0.001		
8/21/2025				<0.001				0.0036	
8/25/2025									<0.001
11/10/2025						0.00019 (J)			
11/11/2025					<0.001			<0.001	<0.001
11/12/2025				<0.001			<0.001		
11/13/2025			<0.001						
2/9/2026					0.00024 (J)				0.00041 (J)
2/10/2026			<0.001	<0.001					
2/11/2026	<0.001					<0.001	<0.001	<0.001	
2/12/2026		<0.001							

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

Time Series

Constituent: Thallium (mg/L) Analysis Run 8/17/2026 12:56 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-35D	WGWC-35S	WGWC-36D	WGWC-36S	WGWC-37D	WGWC-37S	WGWC-38D	WGWC-38S	WGWC-39
8/20/2025							0.0038		
8/21/2025				<0.001		<0.001		<0.001	<0.001
8/26/2025	<0.001	<0.001	<0.001						
8/27/2025					<0.001				
11/10/2025			<0.001				0.0042		
11/11/2025					<0.001				
11/12/2025	<0.001	<0.001						<0.001	
11/13/2025				<0.001		0.0032			<0.001
2/9/2026					0.00021 (J)				
2/10/2026			<0.001			0.0037			<0.001
2/11/2026	<0.001			<0.001					
2/12/2026		0.00021 (J)					0.0043	<0.001	

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

Time Series

Constituent: Thallium (mg/L) Analysis Run 8/17/2026 12:56 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-40	WGWC-41	WGWC-42	WGWC-8A	PZ-31
2/13/2025					<0.001
8/13/2025					<0.001
8/20/2025	<0.001		<0.001		
8/21/2025		<0.001			
11/10/2025			<0.001		
11/11/2025	<0.001				
1/8/2026			0.00023 (J)		
2/11/2026	<0.001	<0.001			
2/12/2026					0.00038 (J)
2/13/2026				<0.001	

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

FIGURE B.

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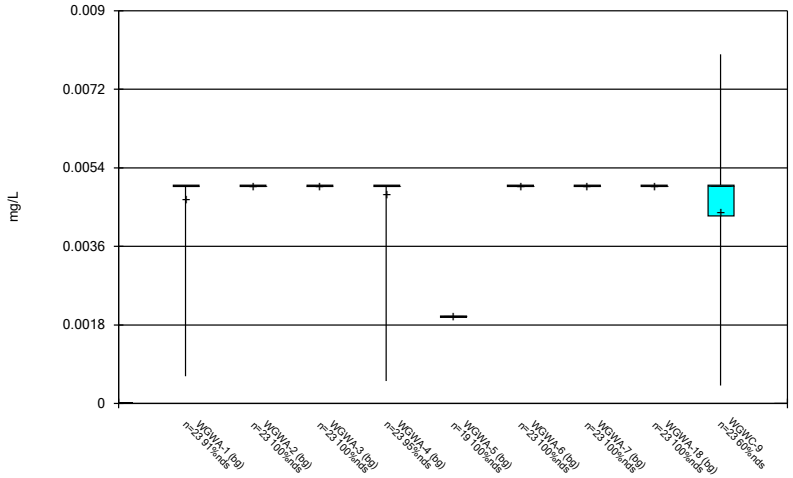
Box & Whiskers Plot



Constituent: Antimony Analysis Run 8/17/2026 12:57 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

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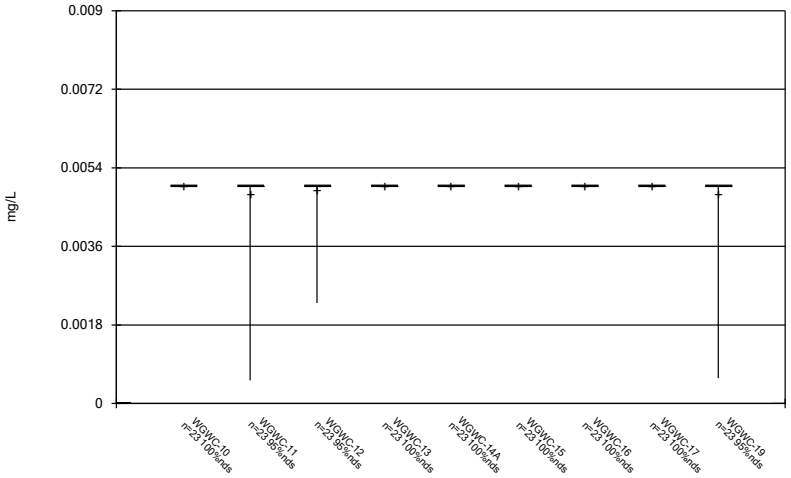
Box & Whiskers Plot



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Plant Wansley Client: Southern Company Data: Wansley AP 1

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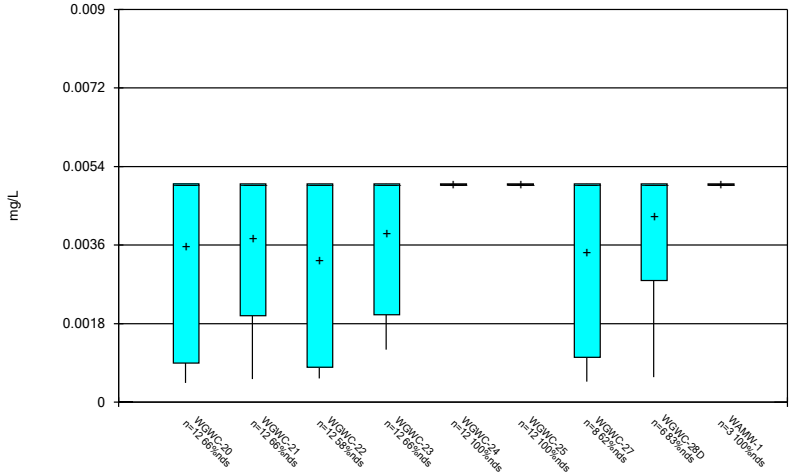
Box & Whiskers Plot



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Plant Wansley Client: Southern Company Data: Wansley AP 1

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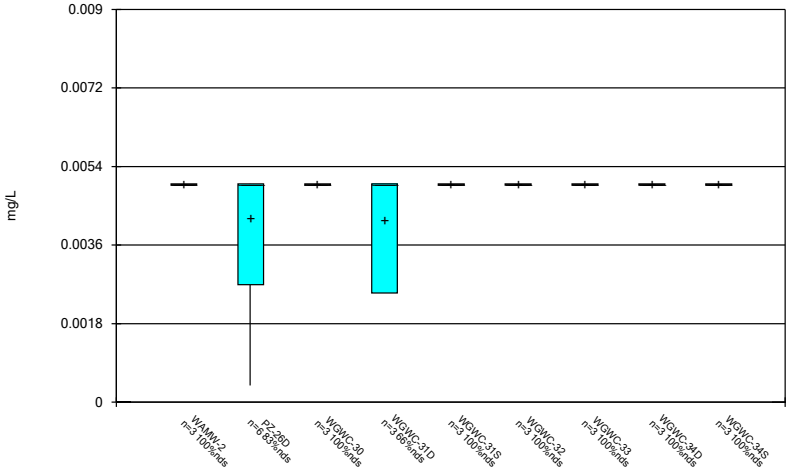
Box & Whiskers Plot



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Plant Wansley Client: Southern Company Data: Wansley AP 1

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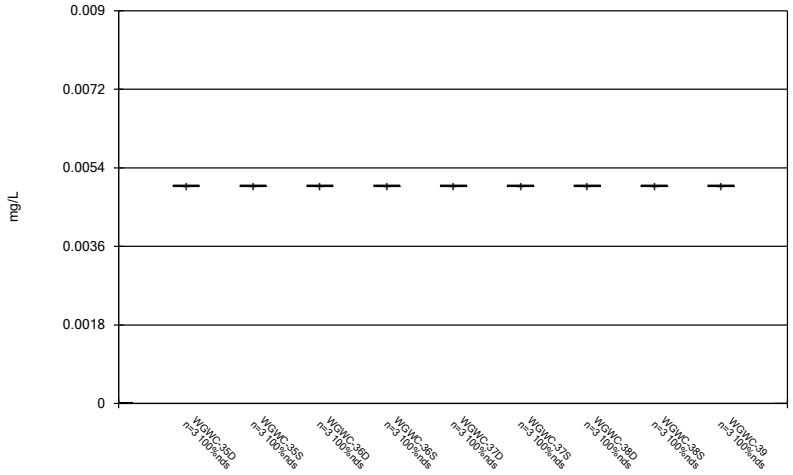
Box & Whiskers Plot



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Plant Wansley Client: Southern Company Data: Wansley AP 1

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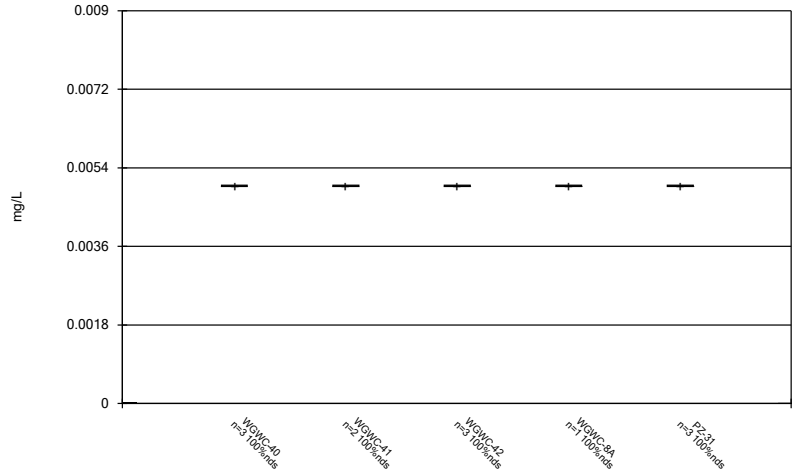
Box & Whiskers Plot



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Plant Wansley Client: Southern Company Data: Wansley AP 1

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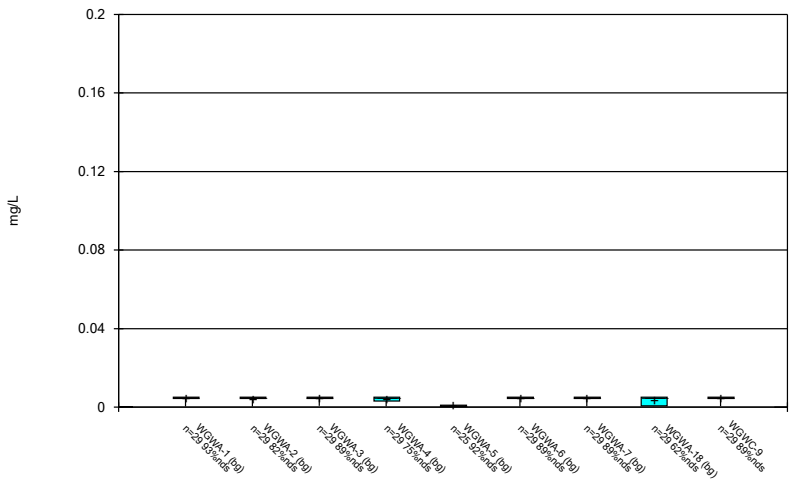
Box & Whiskers Plot



Constituent: Arsenic Analysis Run 8/17/2026 12:57 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

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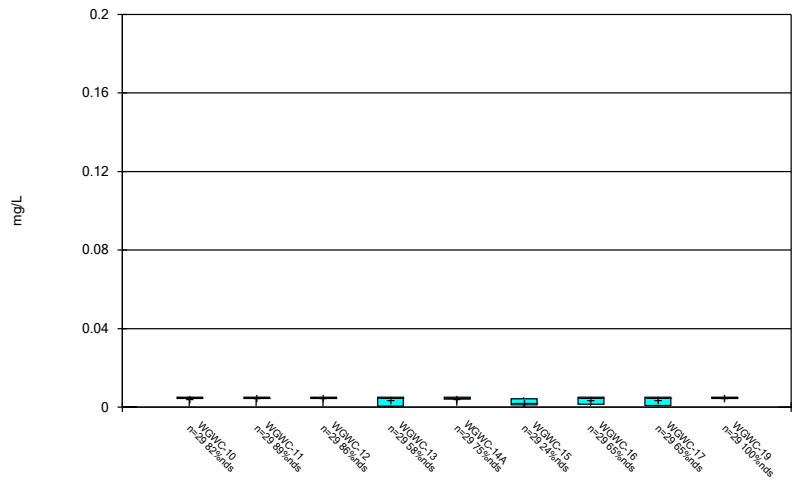
Box & Whiskers Plot



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Plant Wansley Client: Southern Company Data: Wansley AP 1

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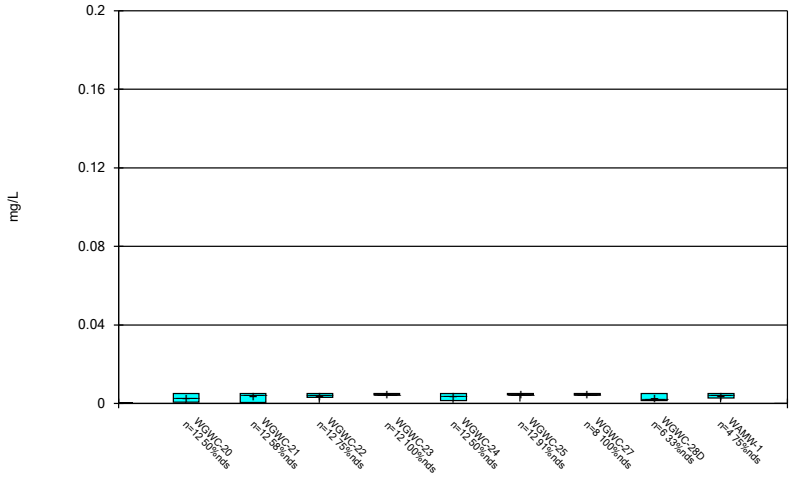
Box & Whiskers Plot



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Plant Wansley Client: Southern Company Data: Wansley AP 1

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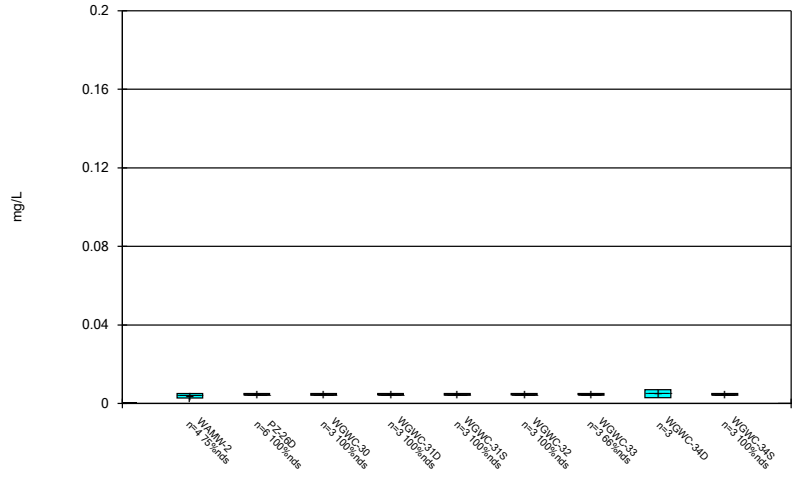
Box & Whiskers Plot



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Plant Wansley Client: Southern Company Data: Wansley AP 1

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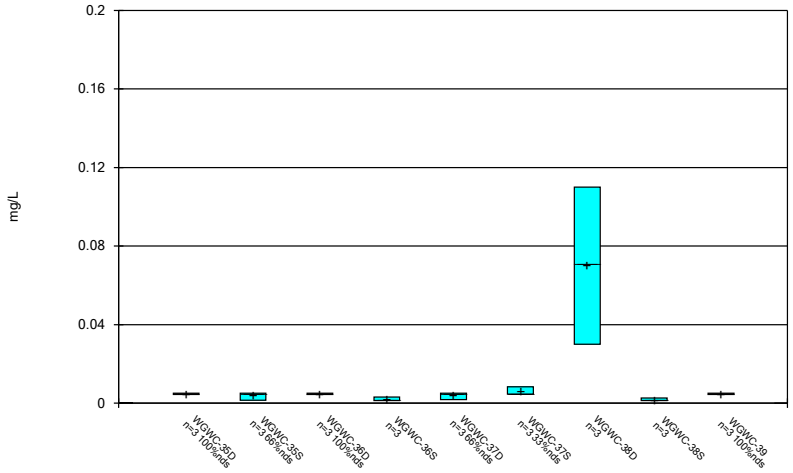
Box & Whiskers Plot



Constituent: Arsenic Analysis Run 8/17/2026 12:57 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

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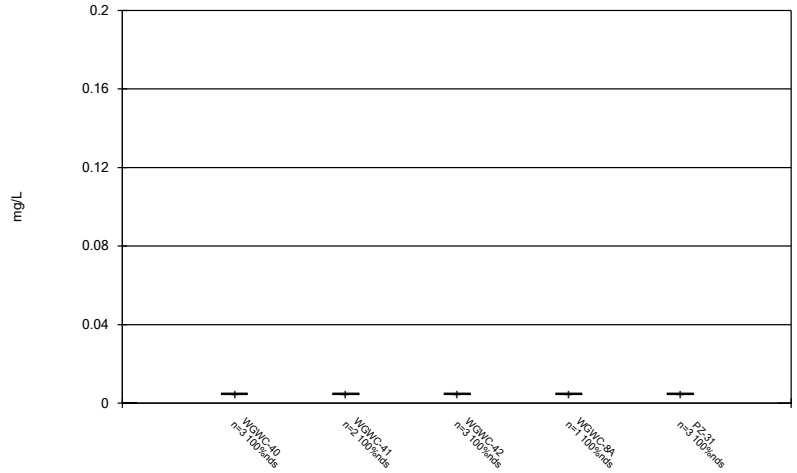
Box & Whiskers Plot



Constituent: Arsenic Analysis Run 8/17/2026 12:57 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

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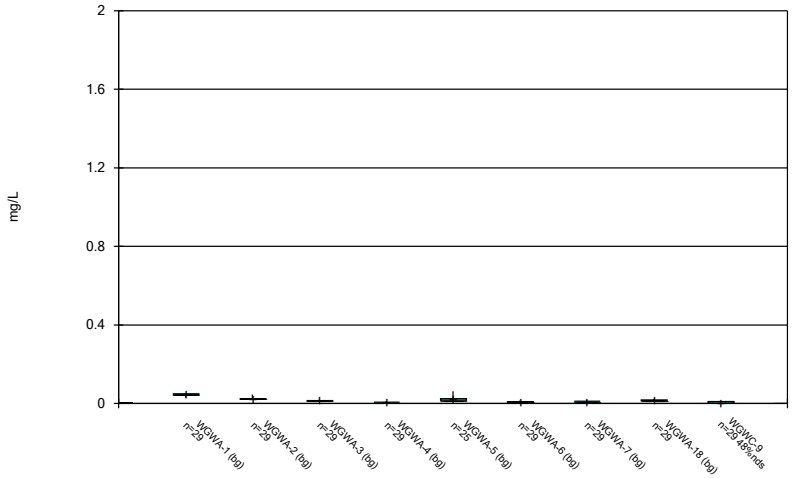
Box & Whiskers Plot



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Plant Wansley Client: Southern Company Data: Wansley AP 1

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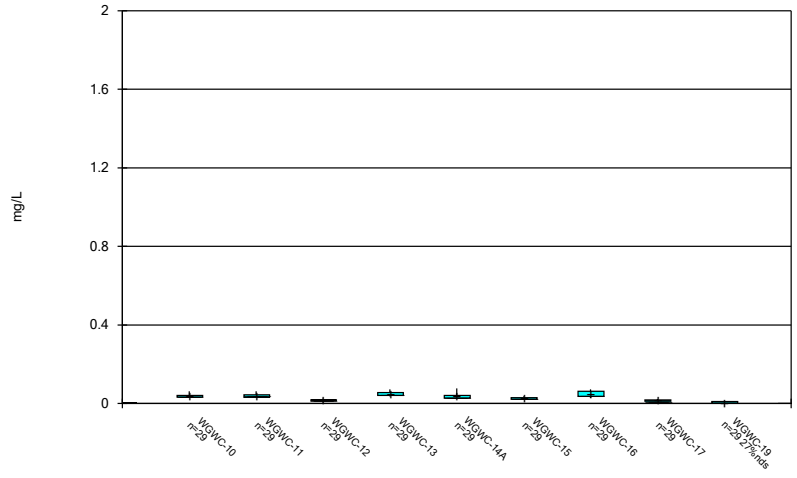
Box & Whiskers Plot



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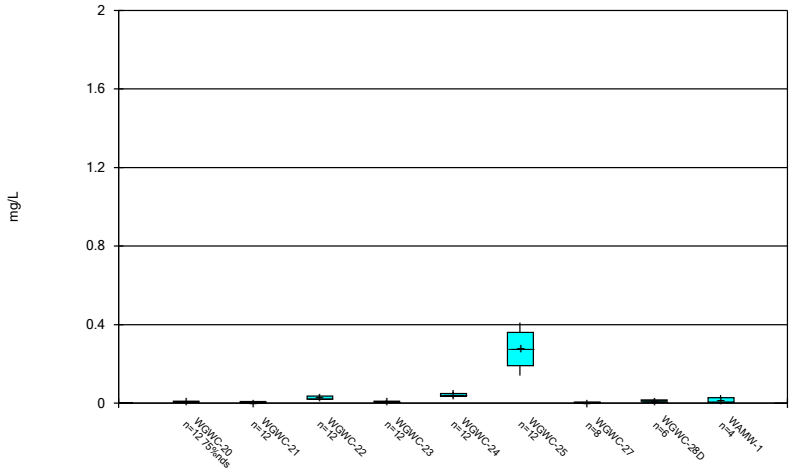

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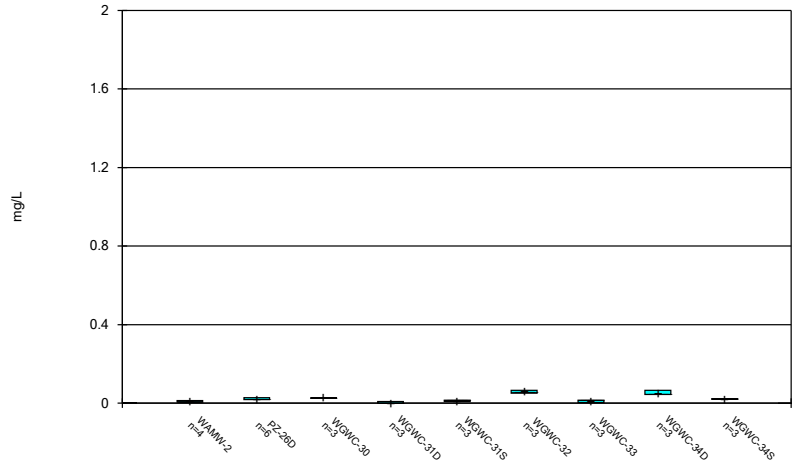

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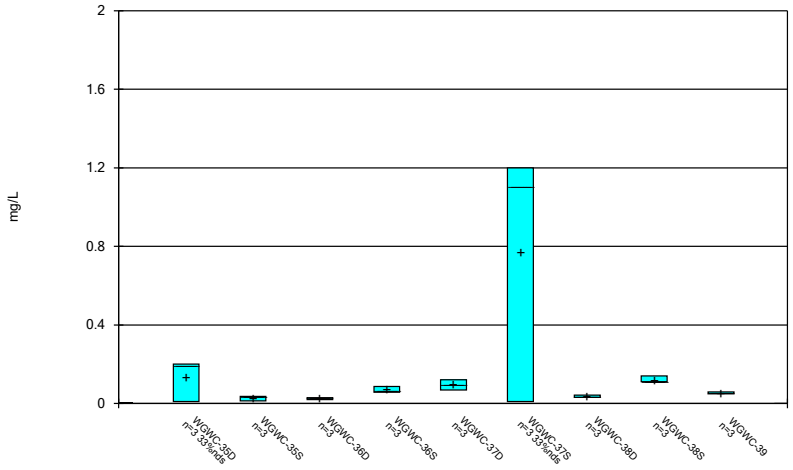

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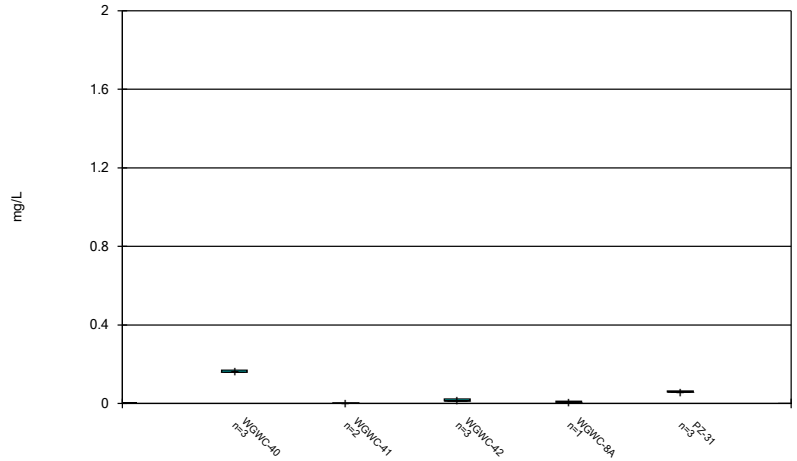

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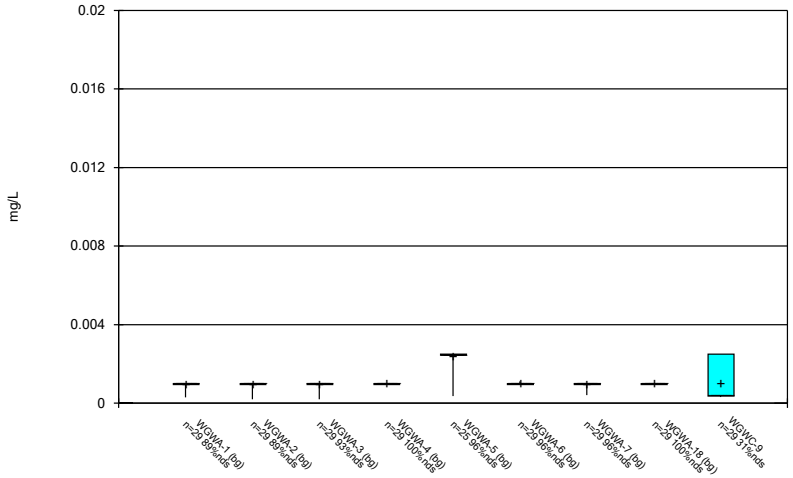

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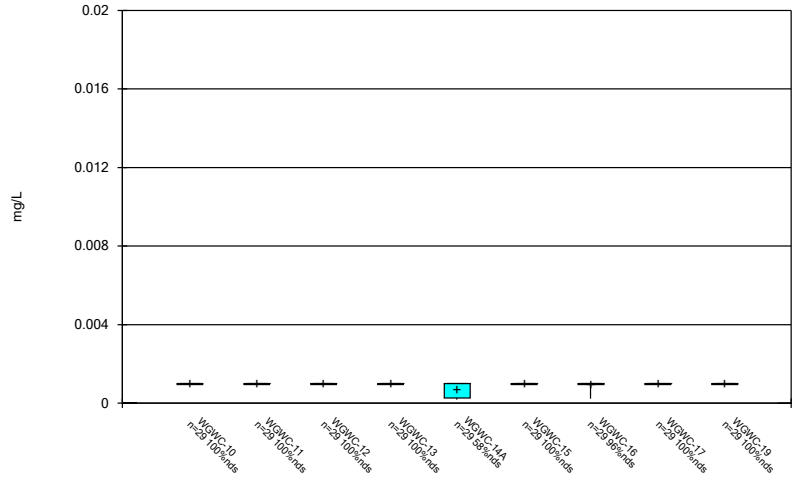

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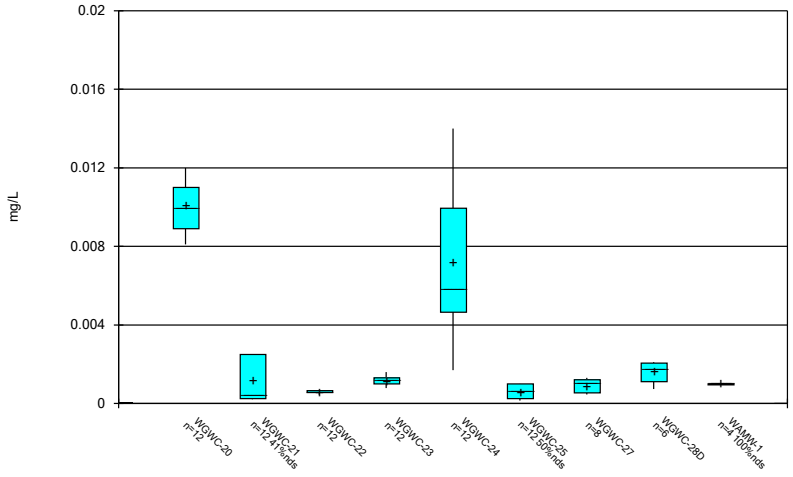

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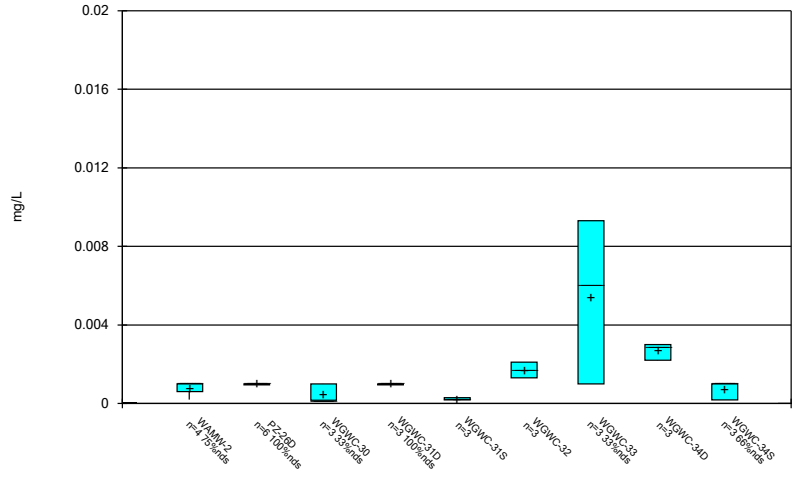

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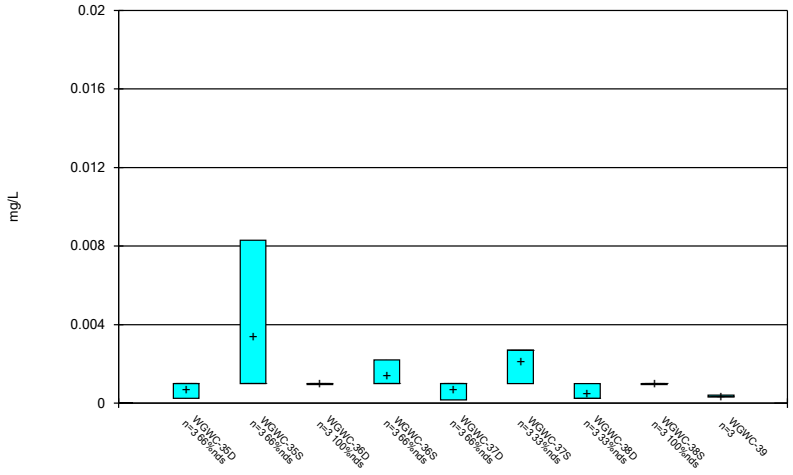

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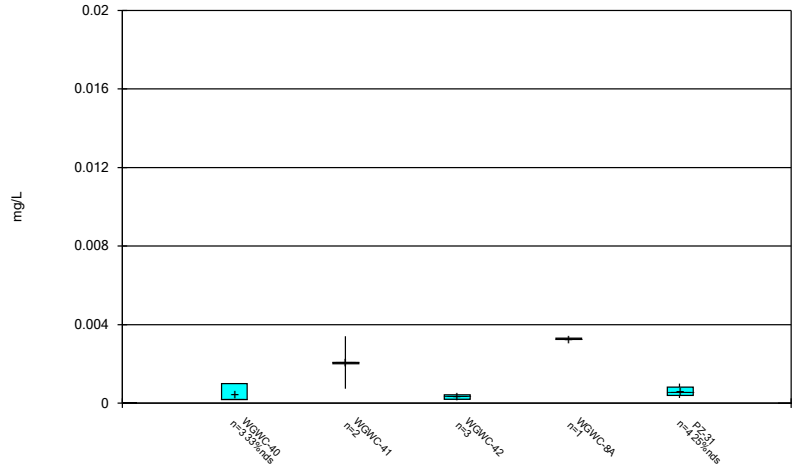

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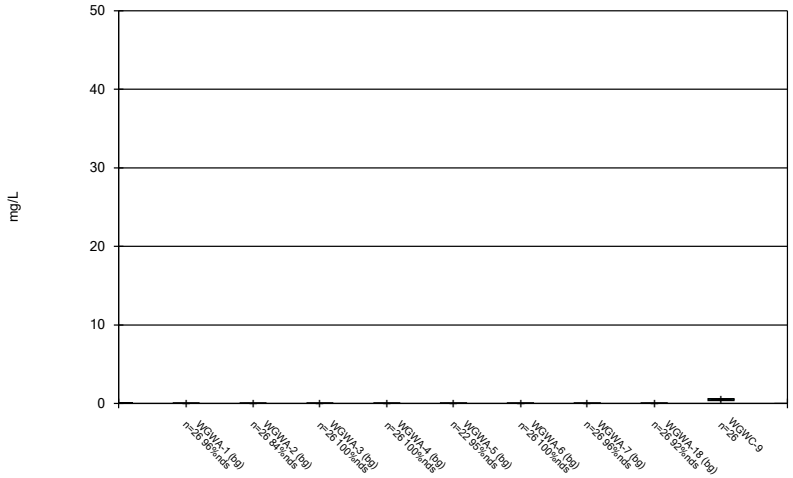

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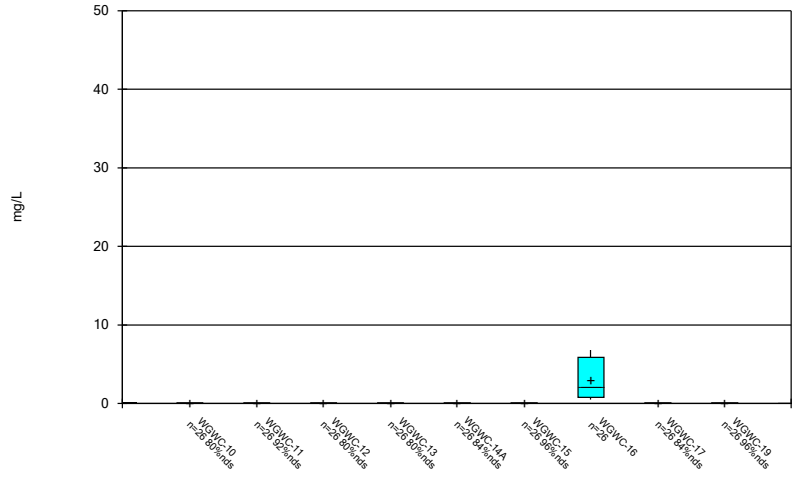

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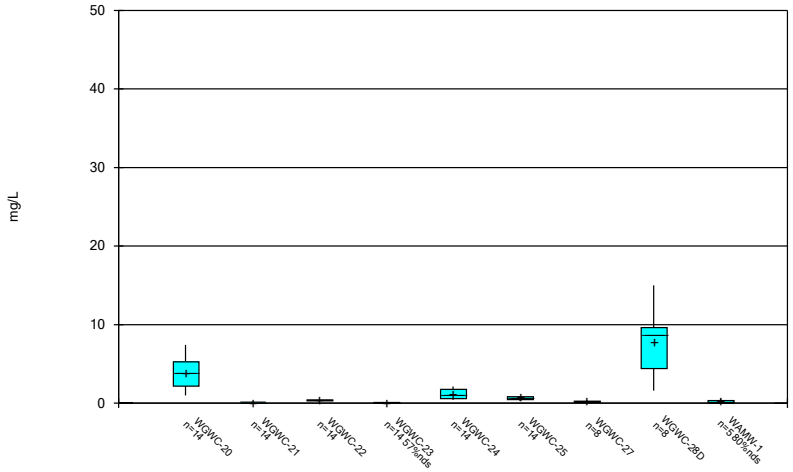

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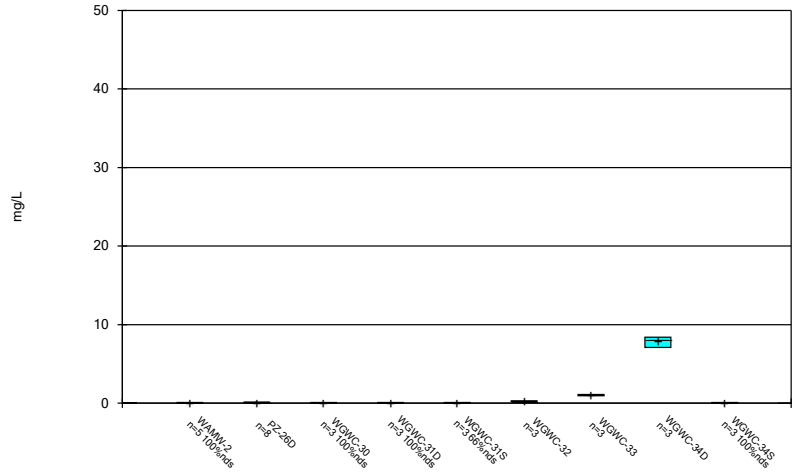

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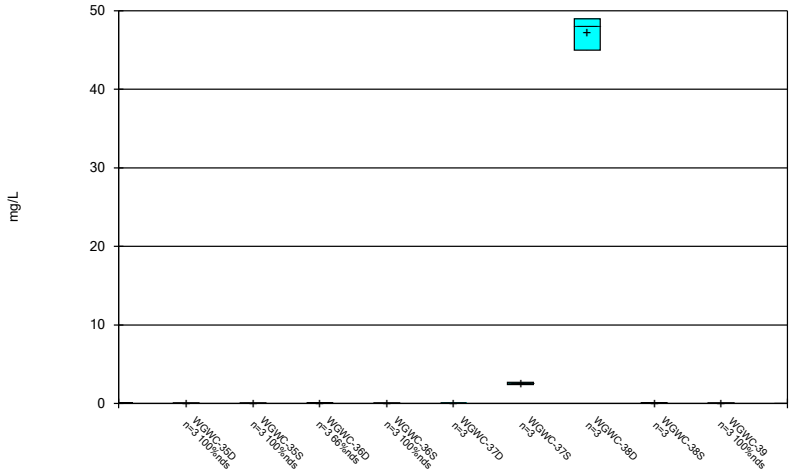

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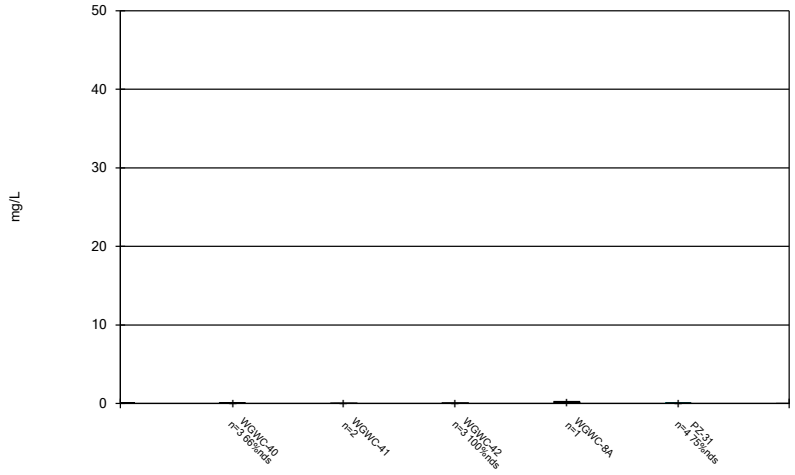

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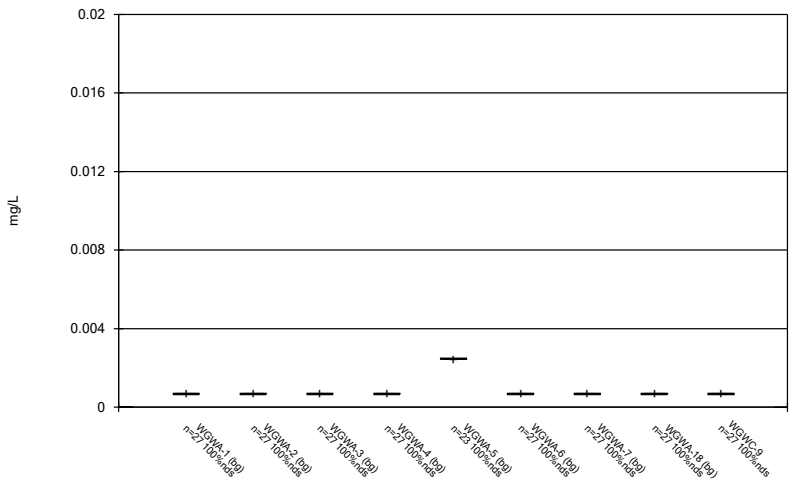

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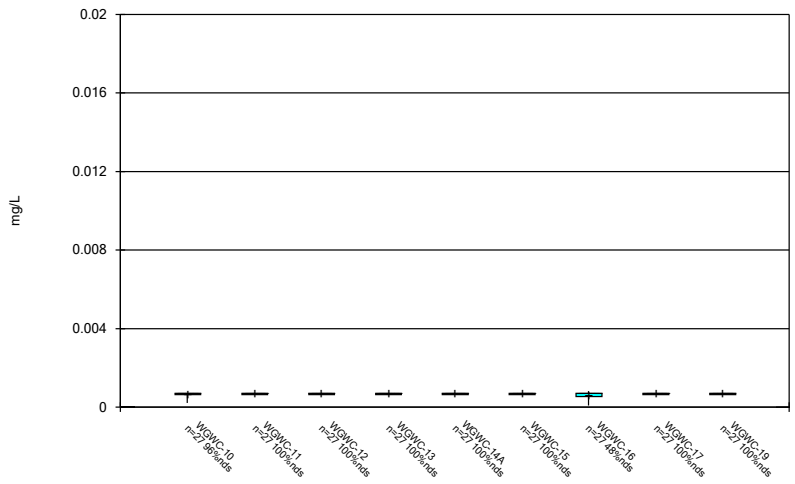

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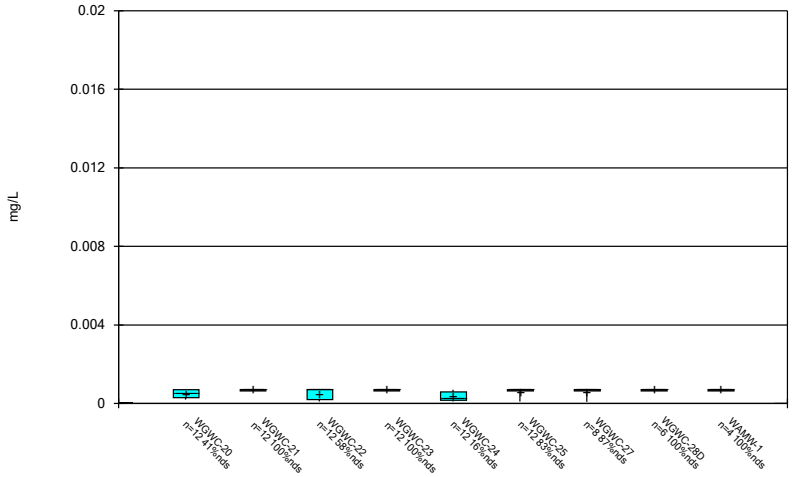

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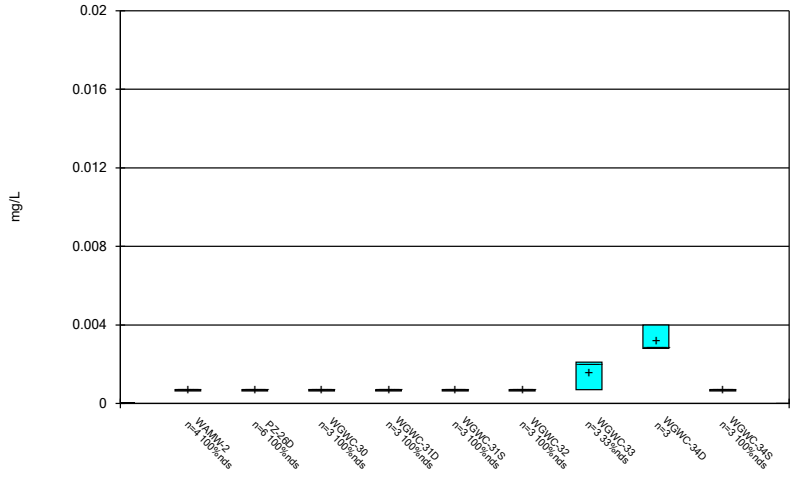

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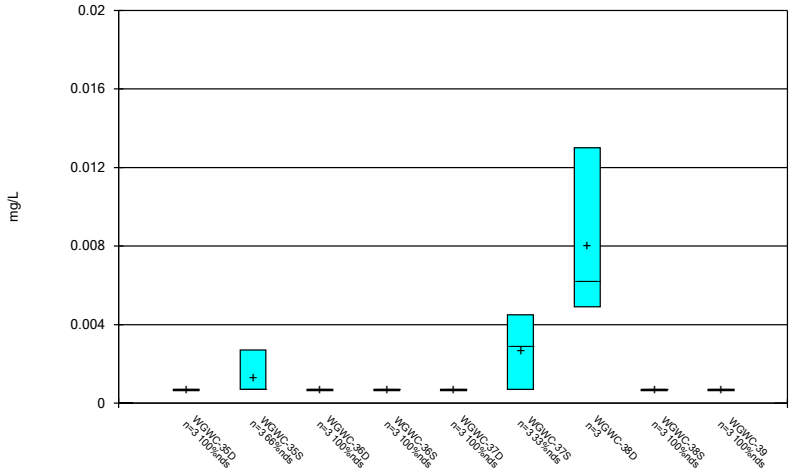

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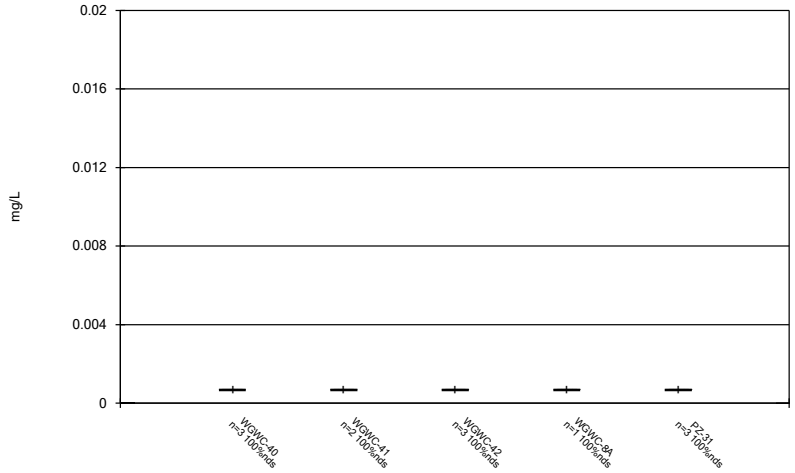

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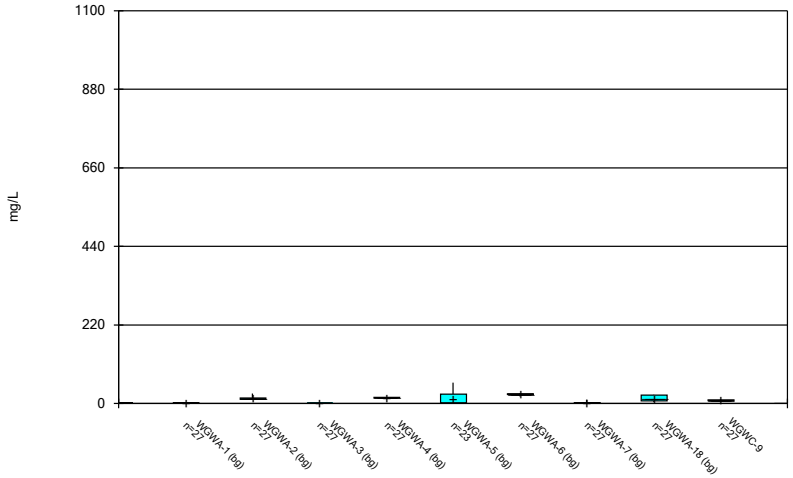

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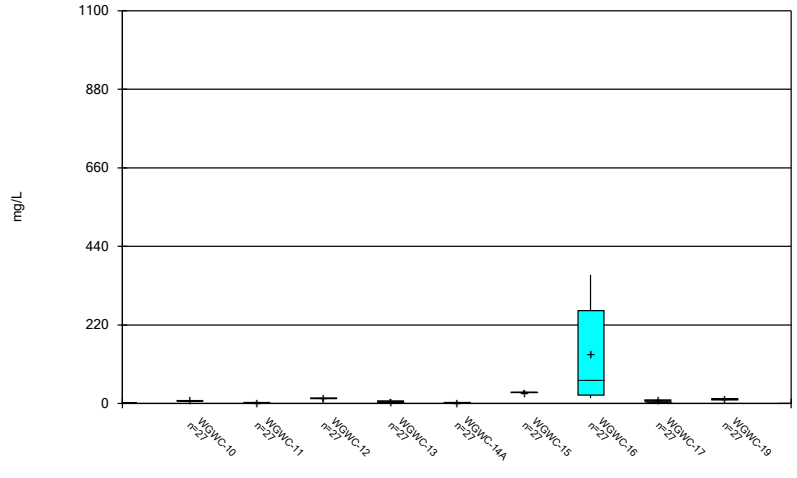

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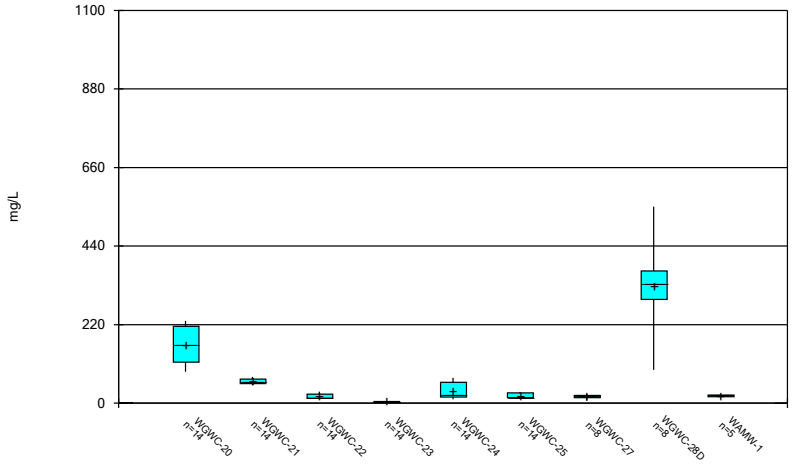

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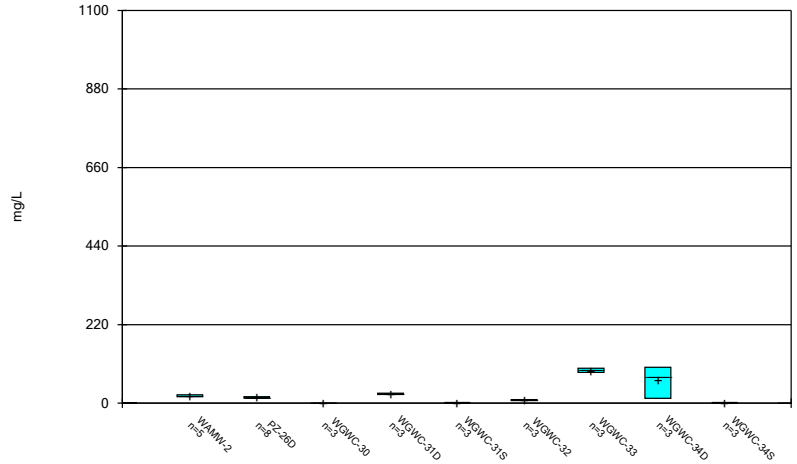

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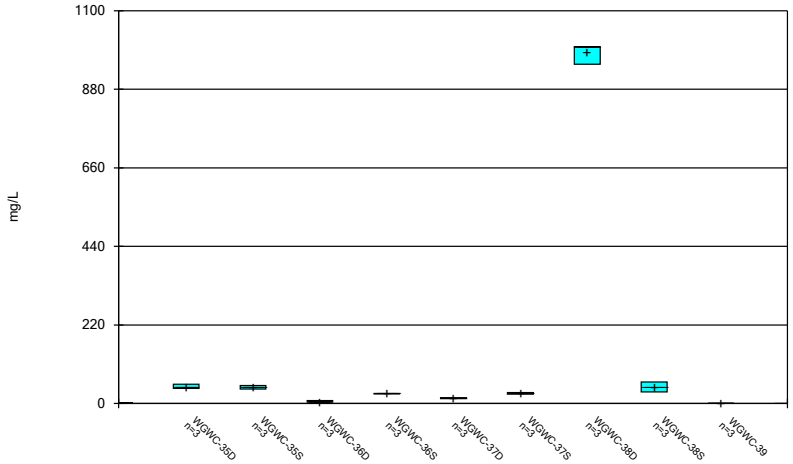

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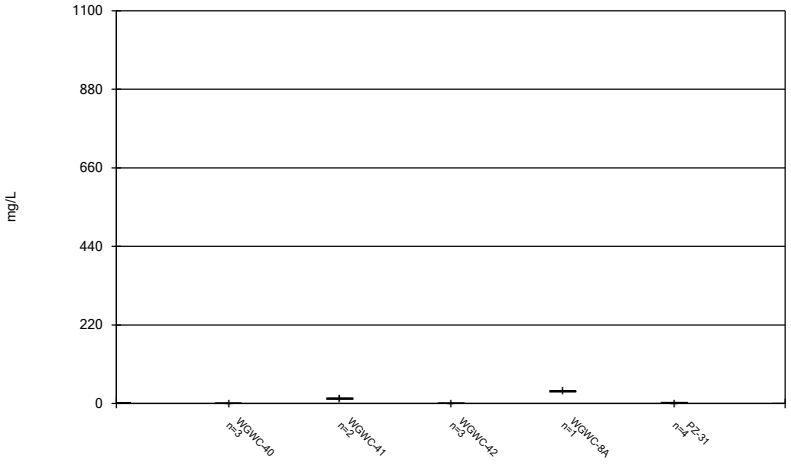

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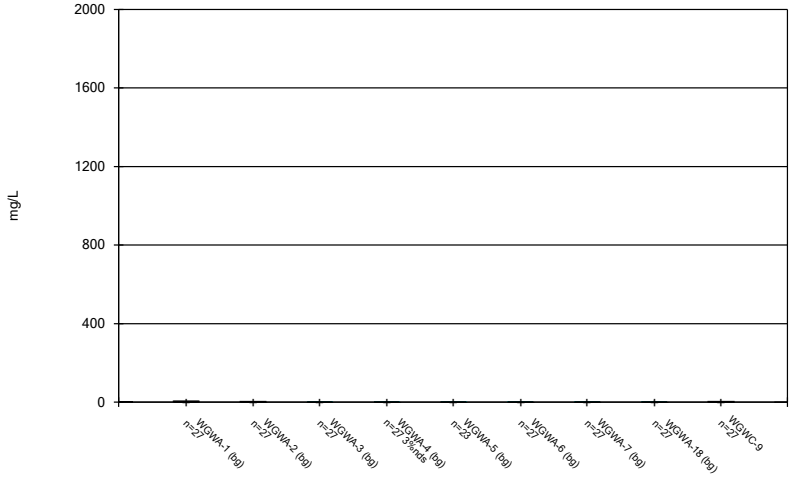

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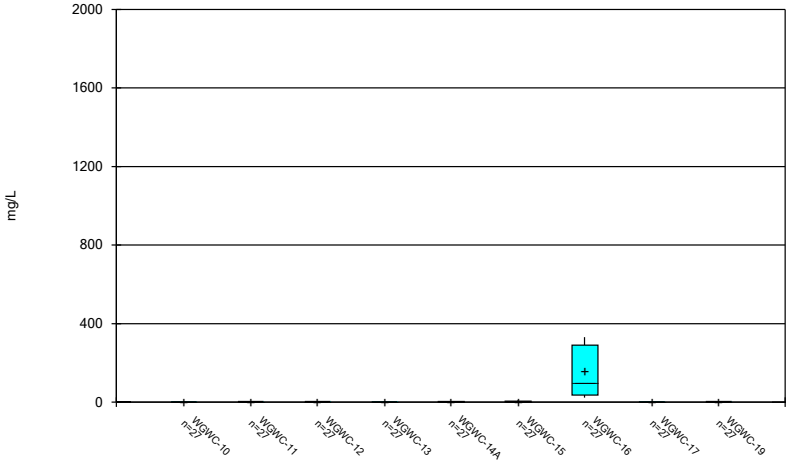

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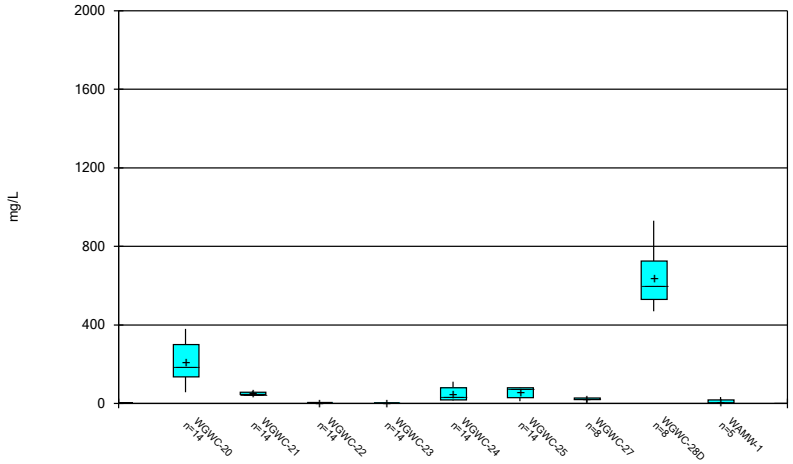

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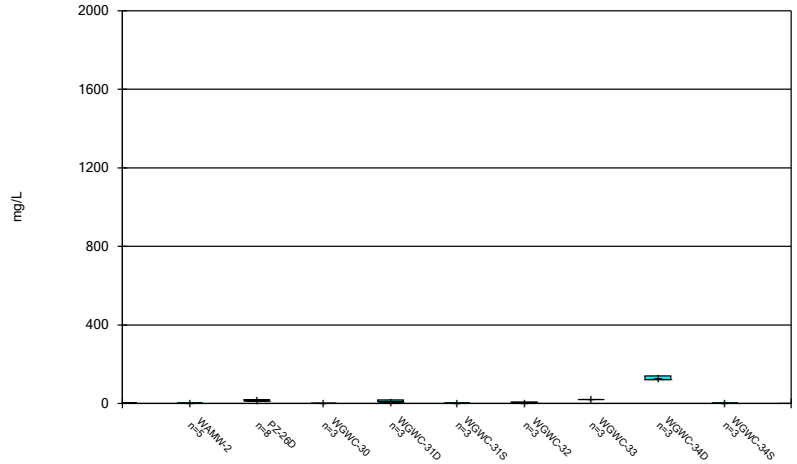

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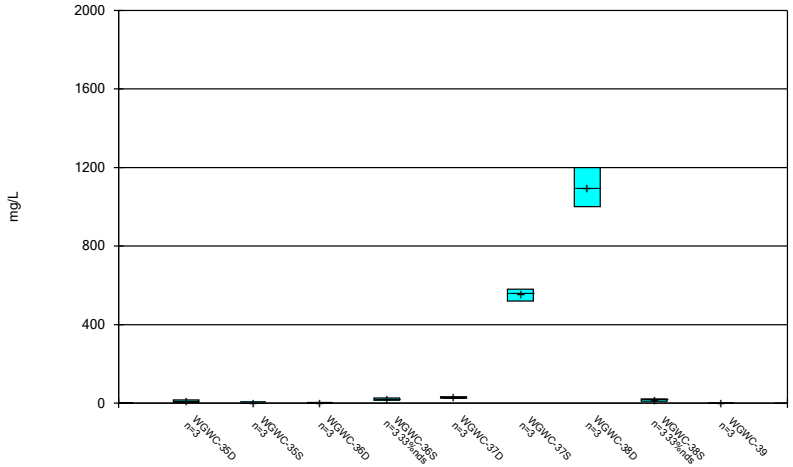

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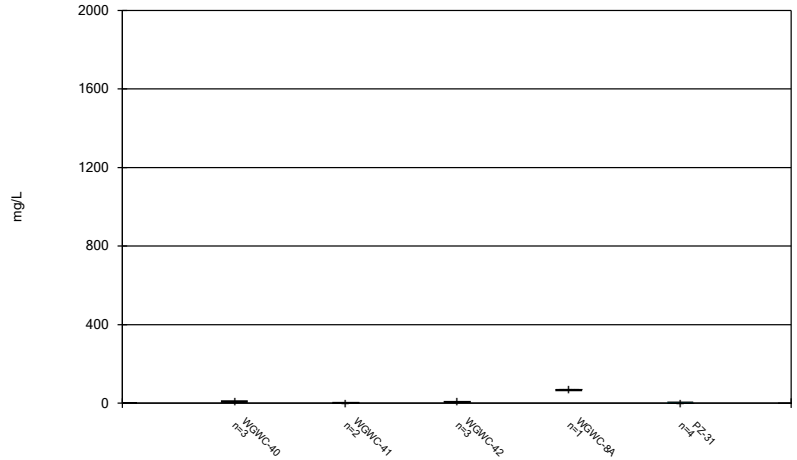

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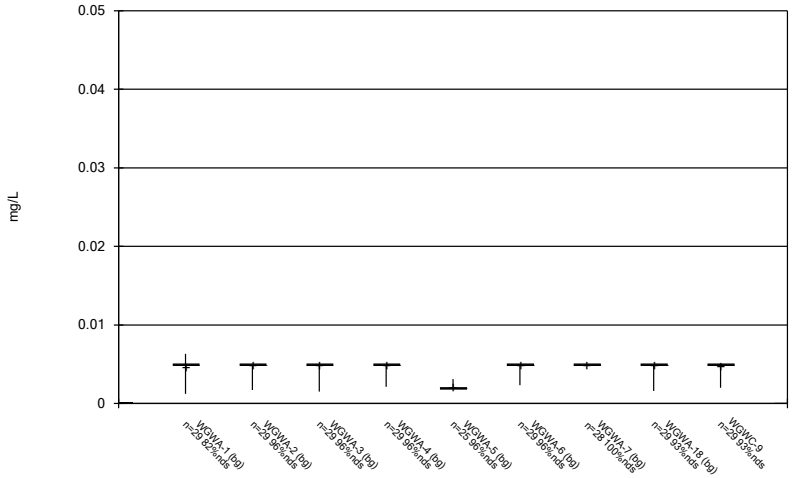

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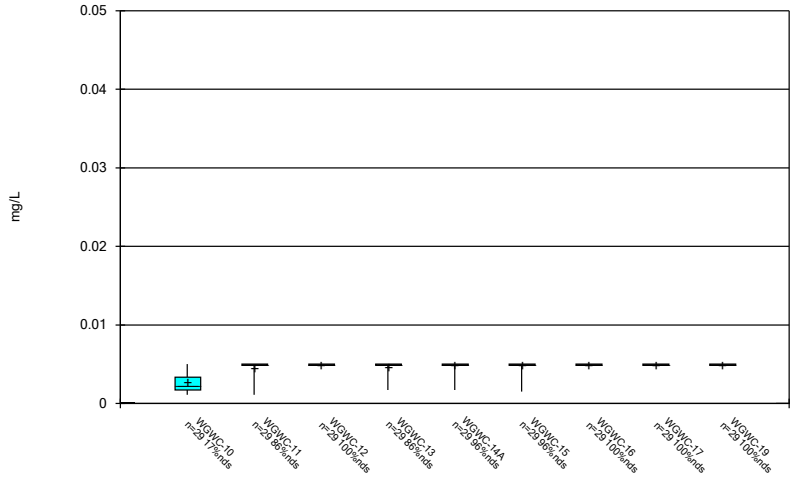

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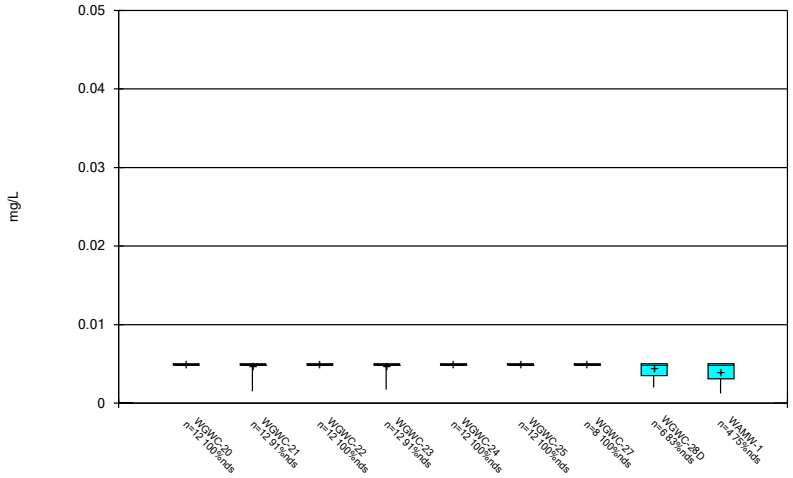

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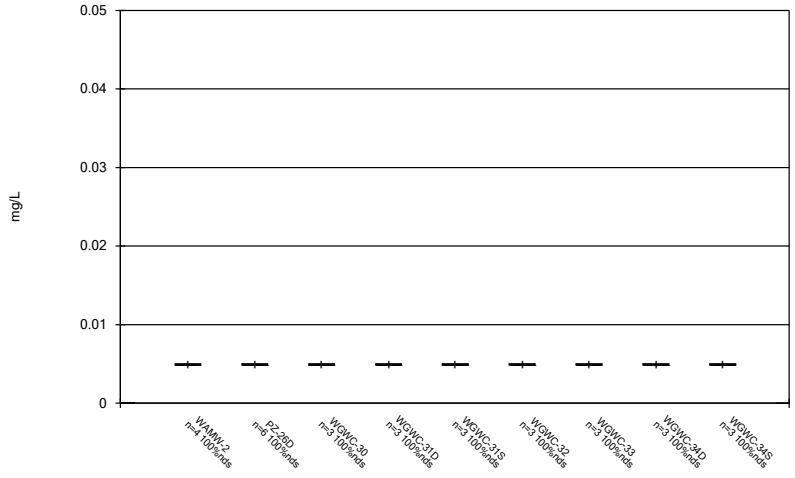

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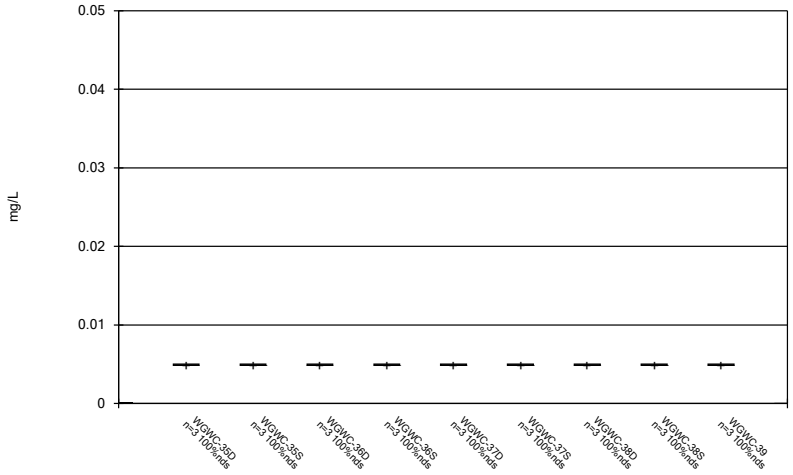
Box & Whiskers Plot



Constituent: Chromium Analysis Run 8/17/2026 12:58 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

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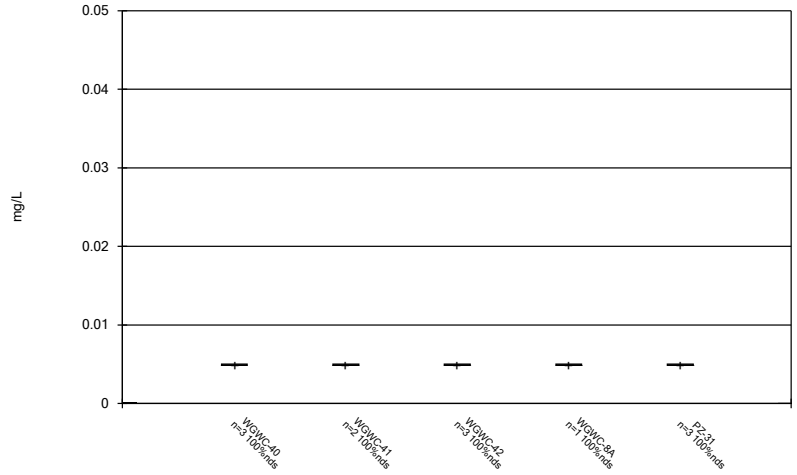
Box & Whiskers Plot



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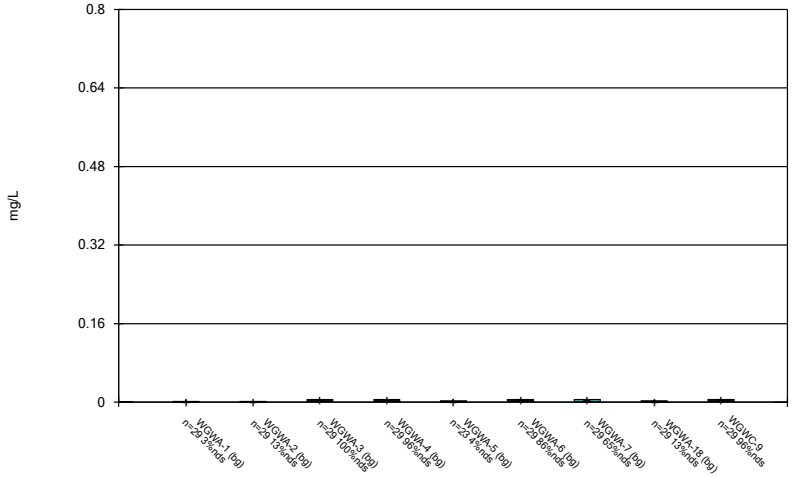
Box & Whiskers Plot



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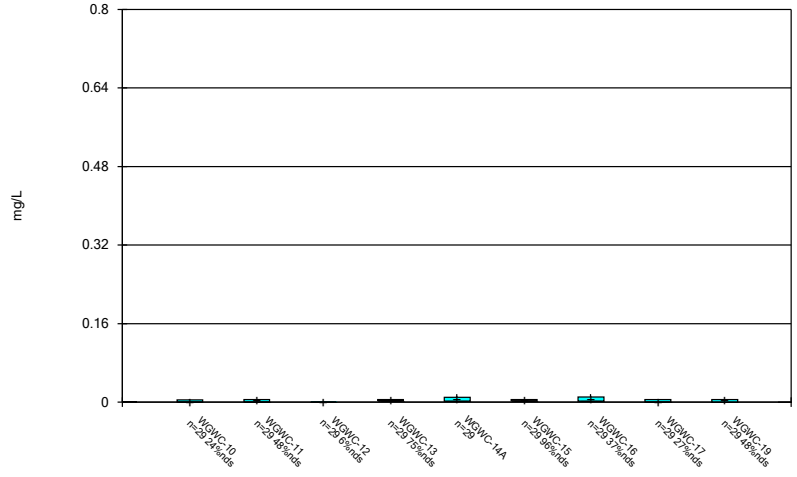
Box & Whiskers Plot



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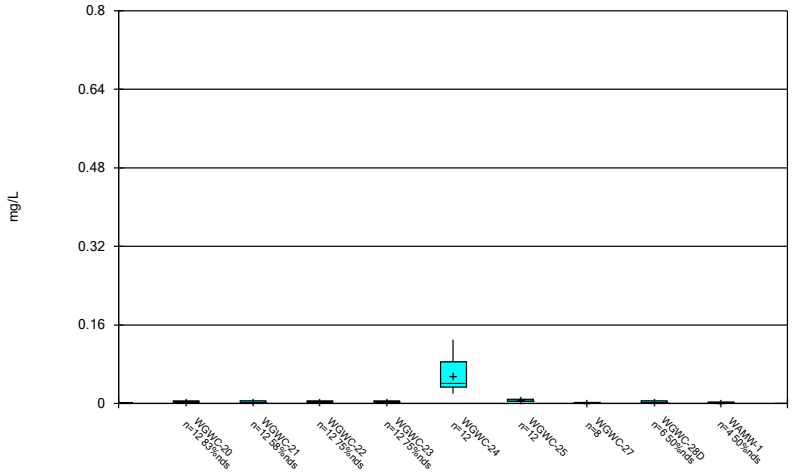

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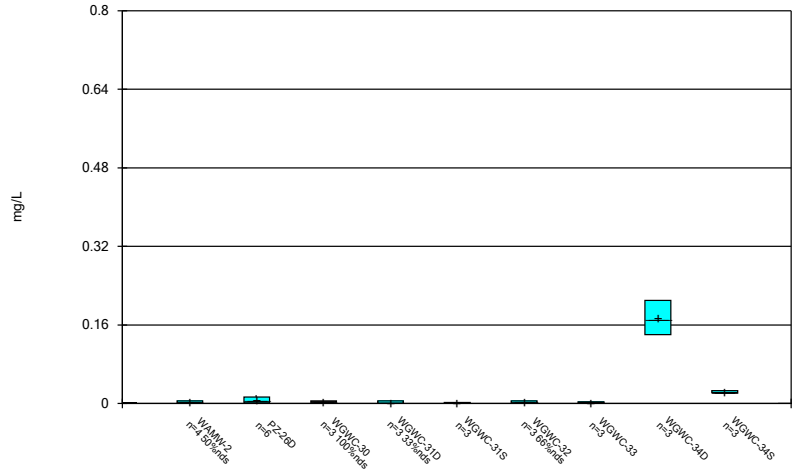

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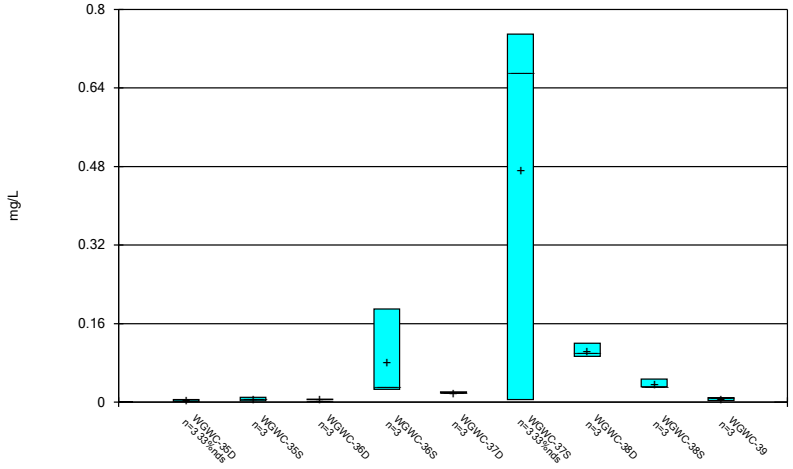

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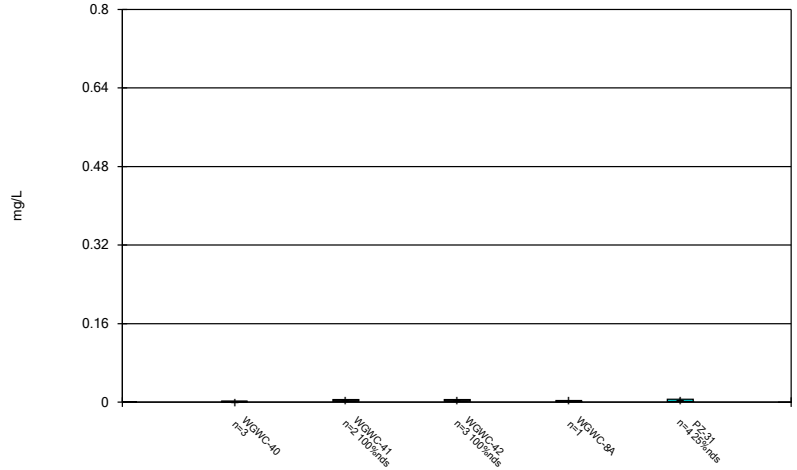

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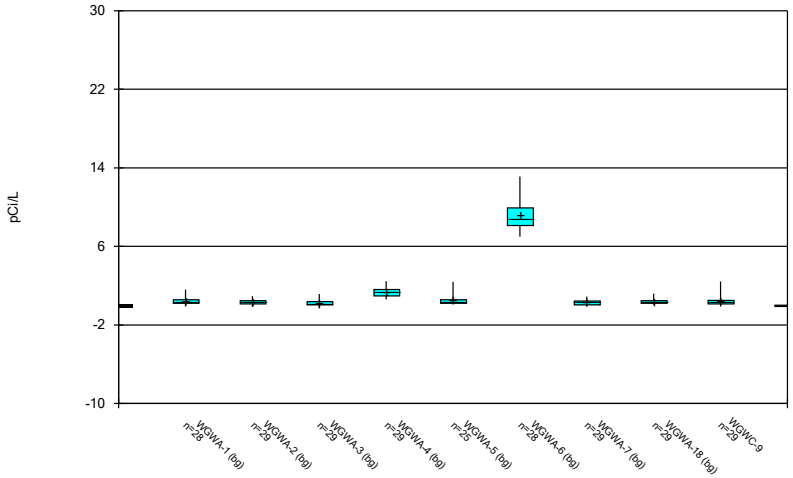
Box & Whiskers Plot



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Plant Wansley Client: Southern Company Data: Wansley AP 1

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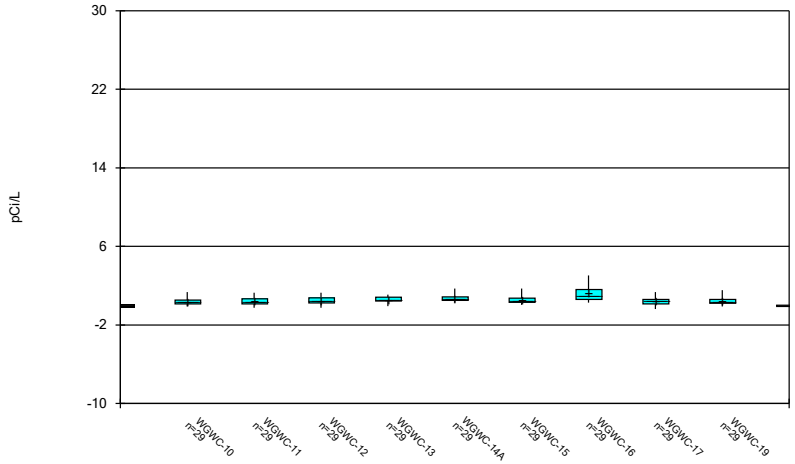
Box & Whiskers Plot



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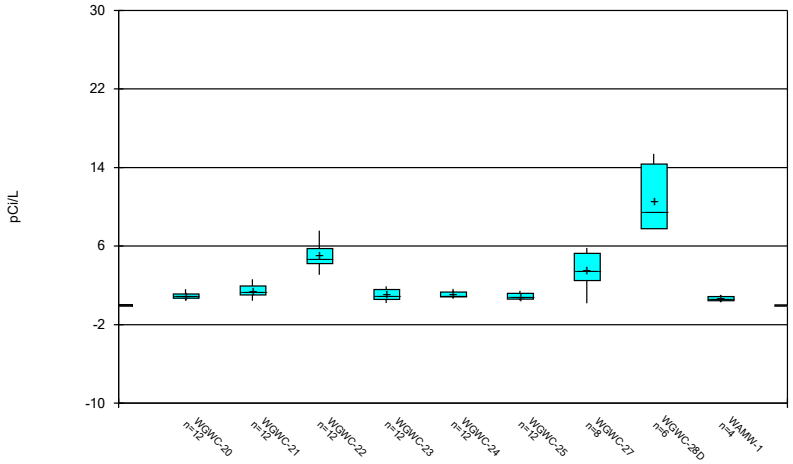
Box & Whiskers Plot



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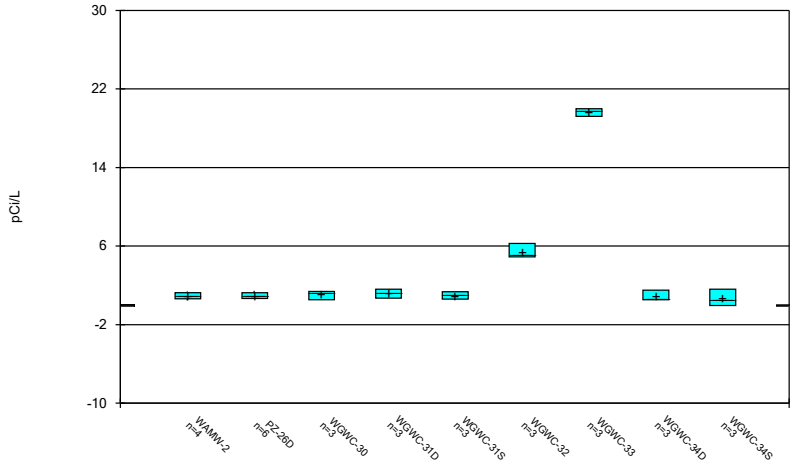

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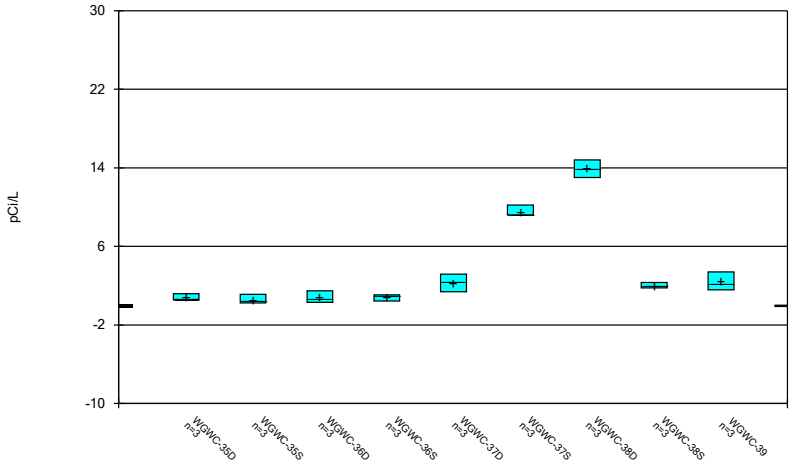

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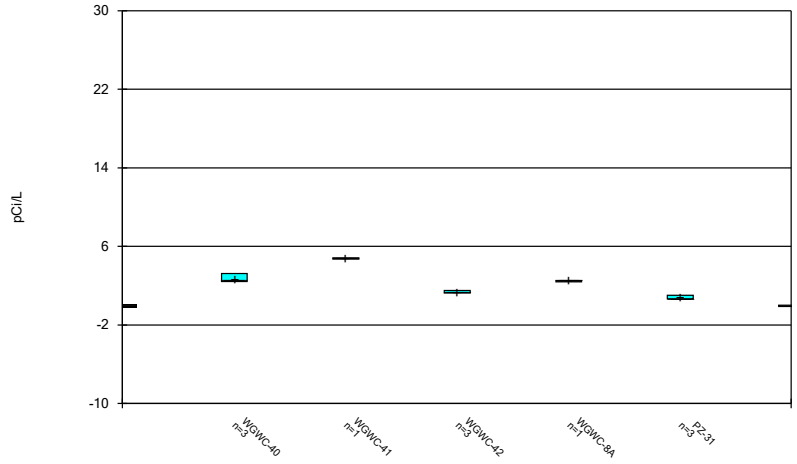

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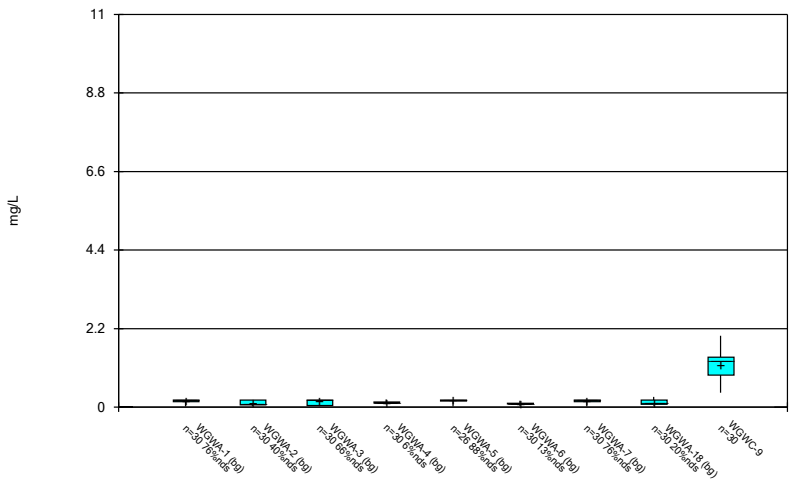

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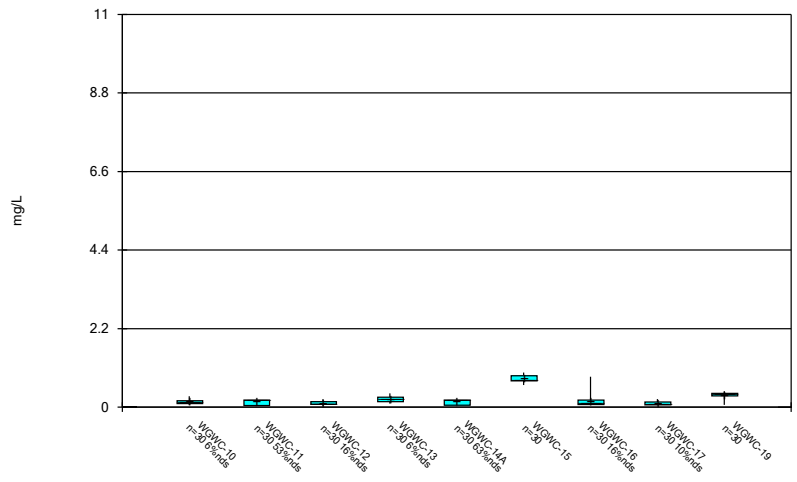
Box & Whiskers Plot



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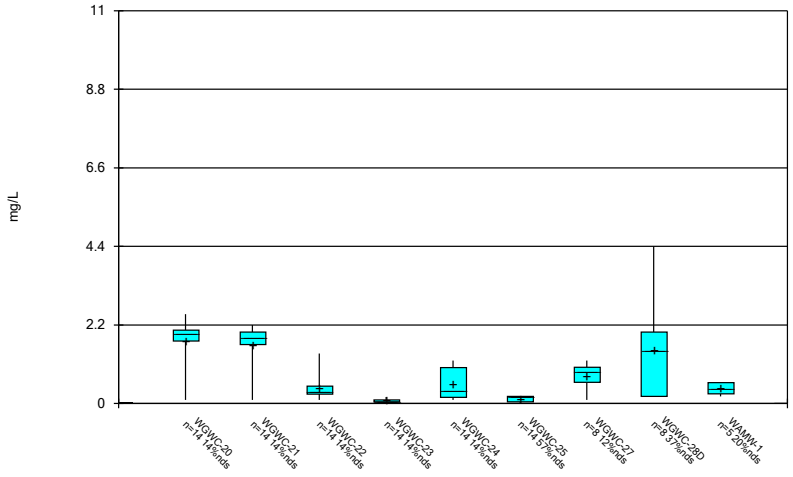

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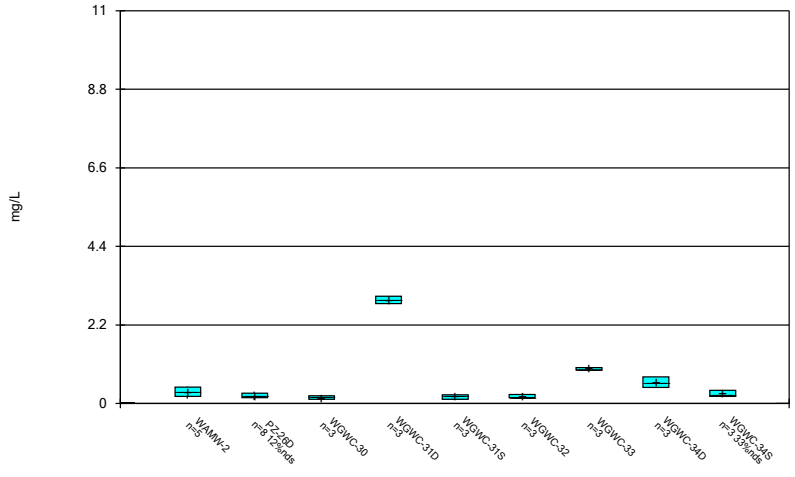

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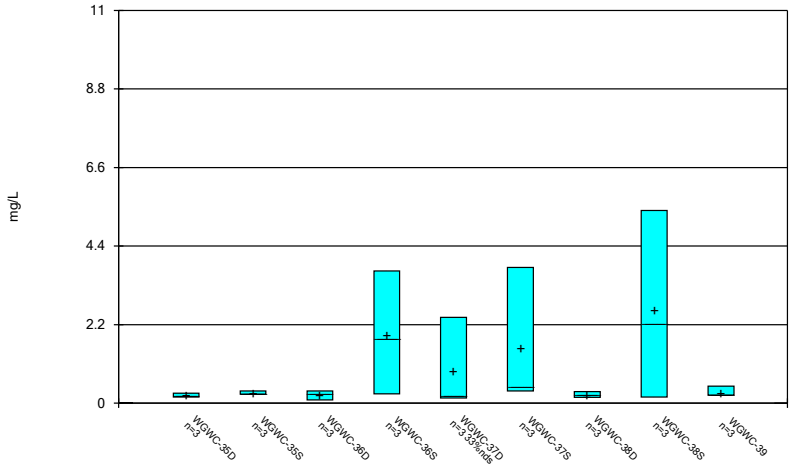

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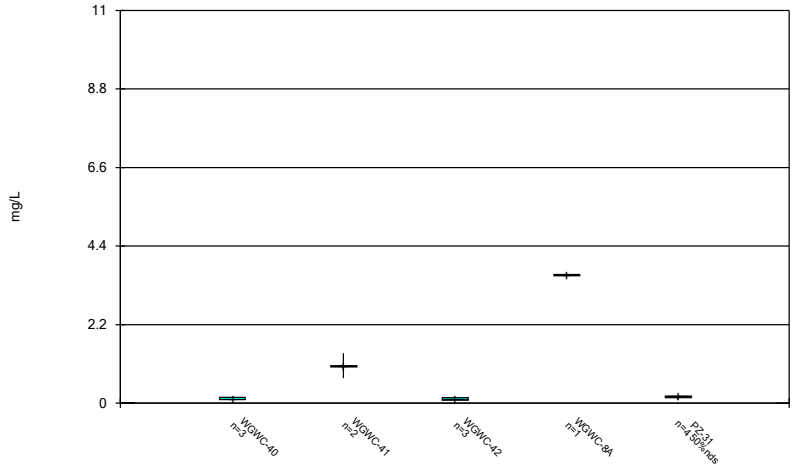

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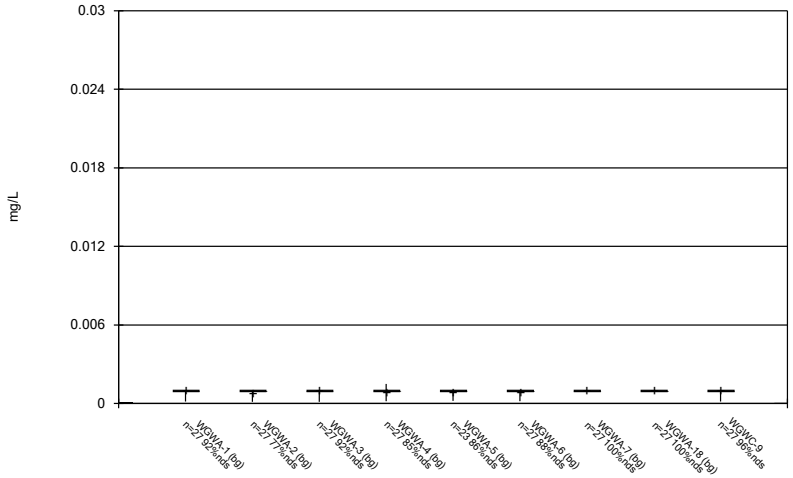

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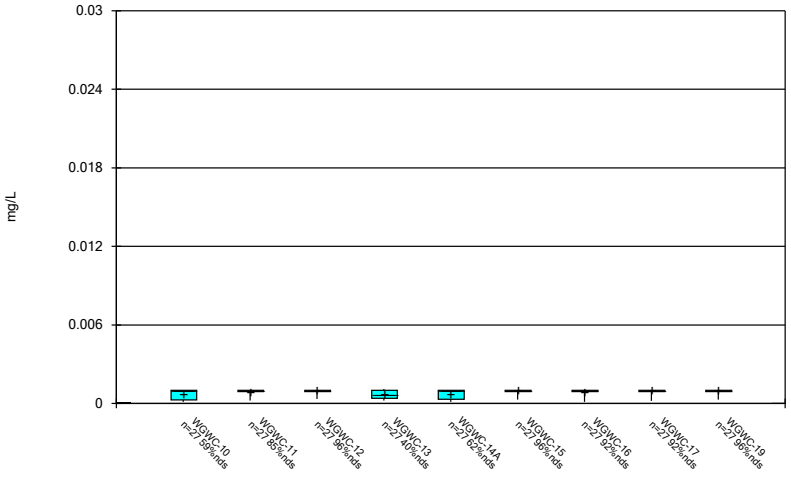
Box & Whiskers Plot



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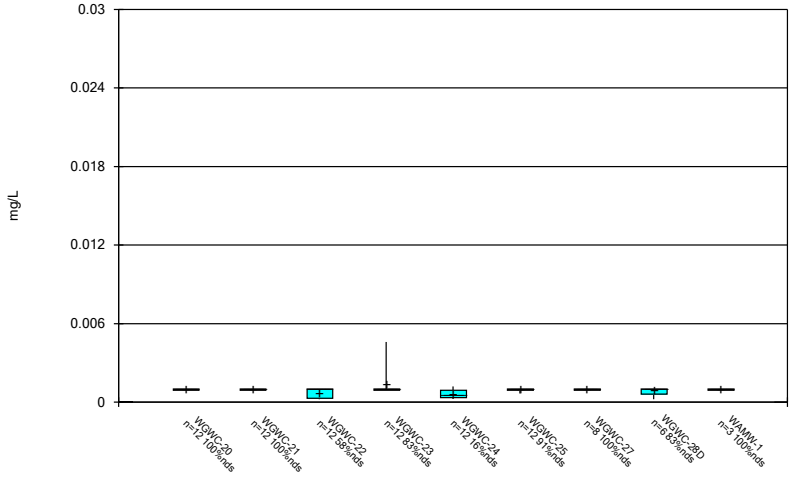

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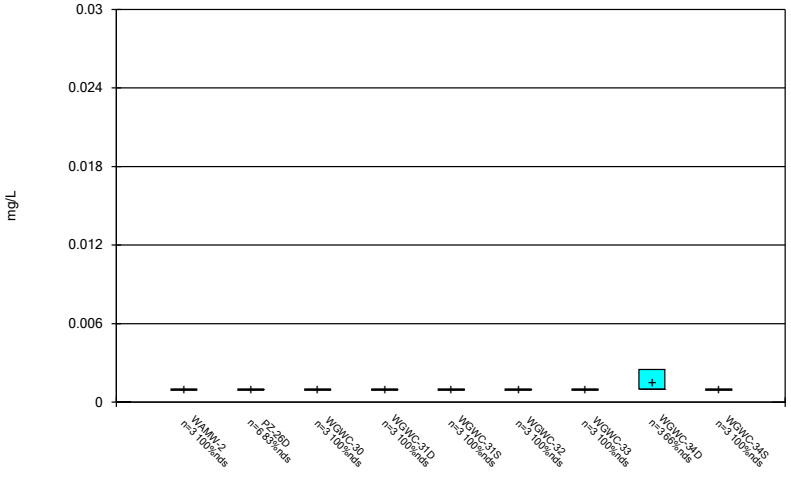

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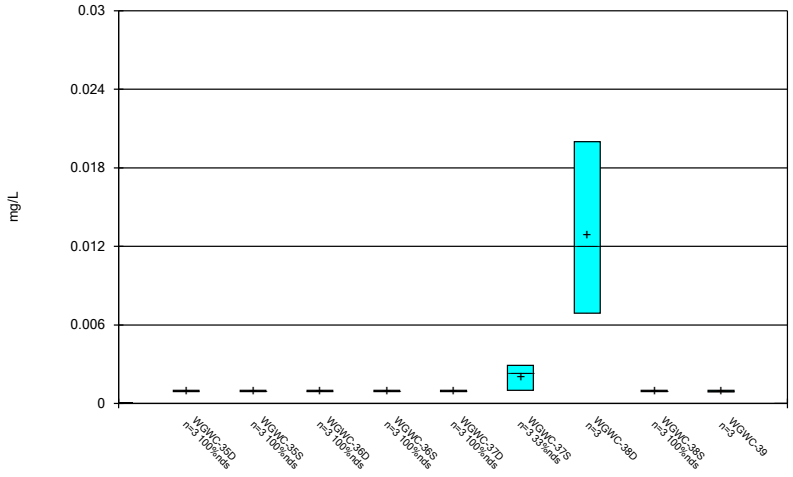
Box & Whiskers Plot



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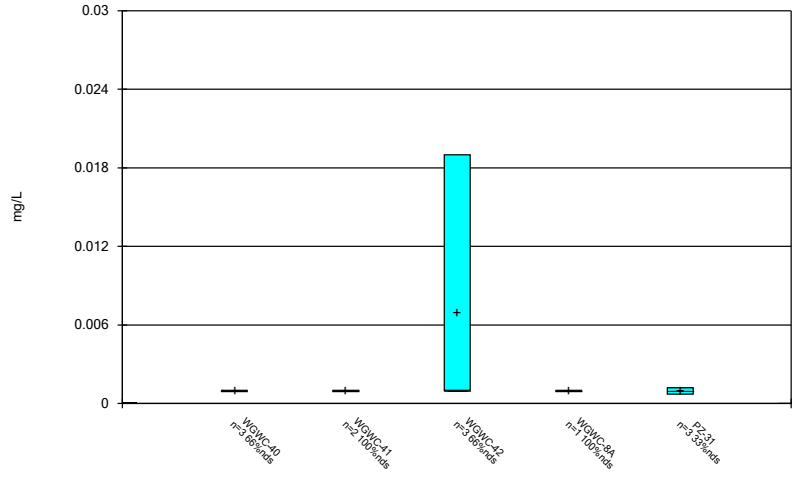
Box & Whiskers Plot



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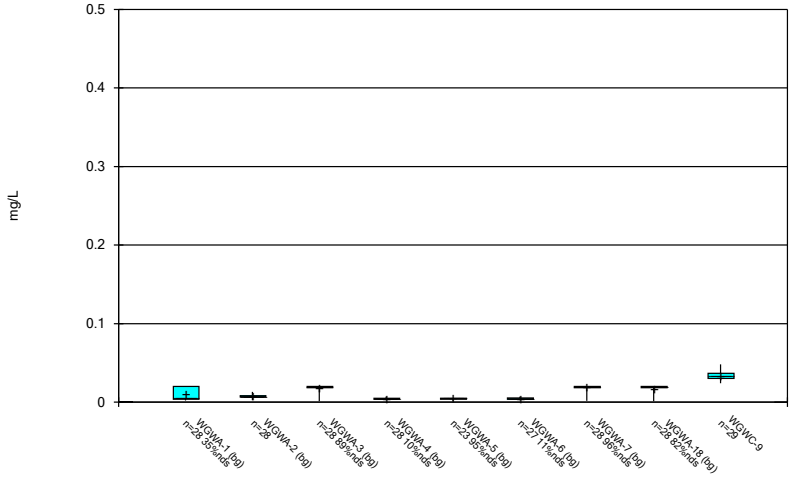

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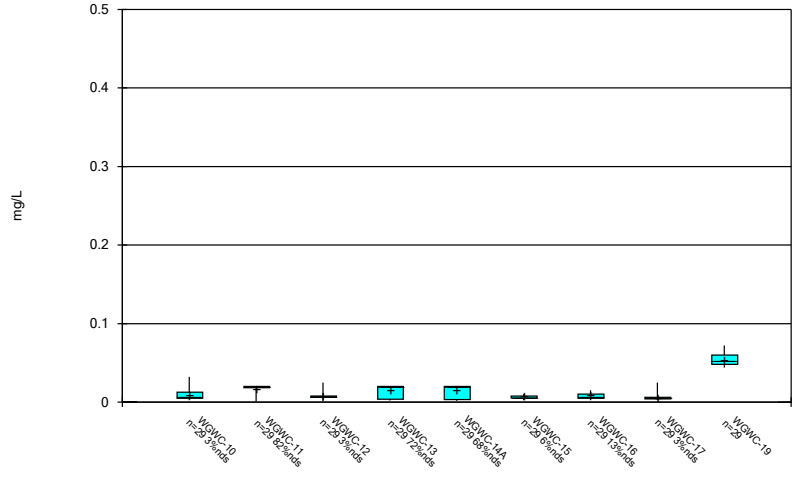

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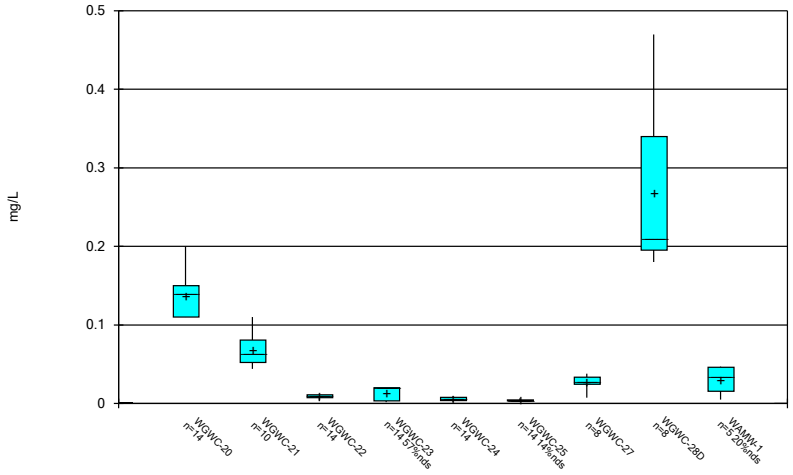

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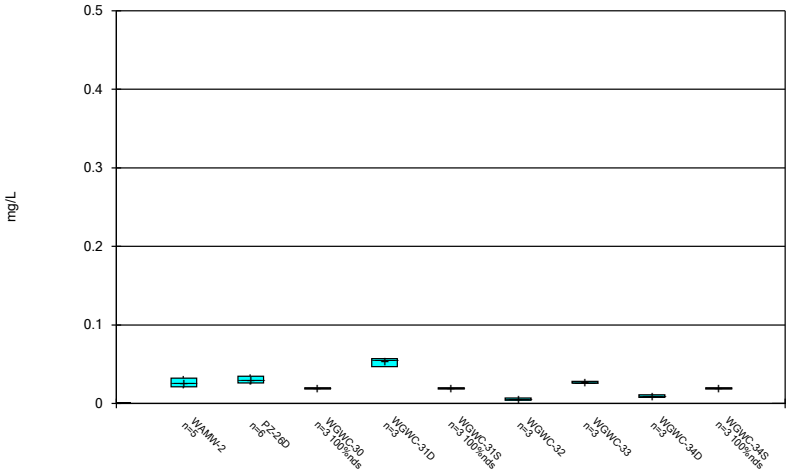

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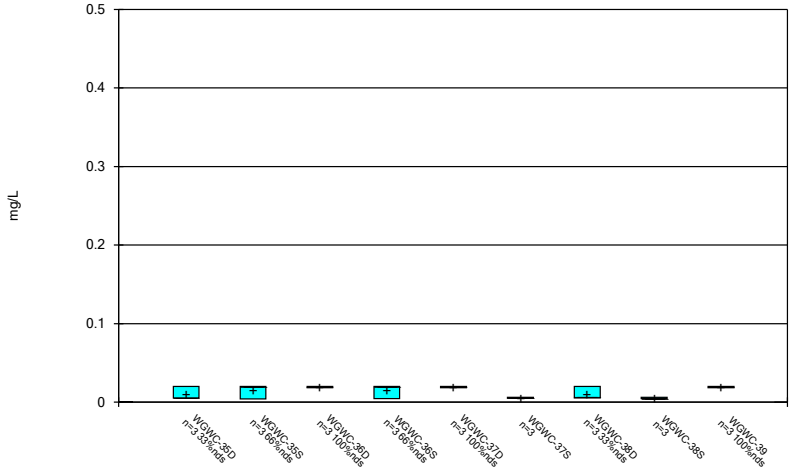

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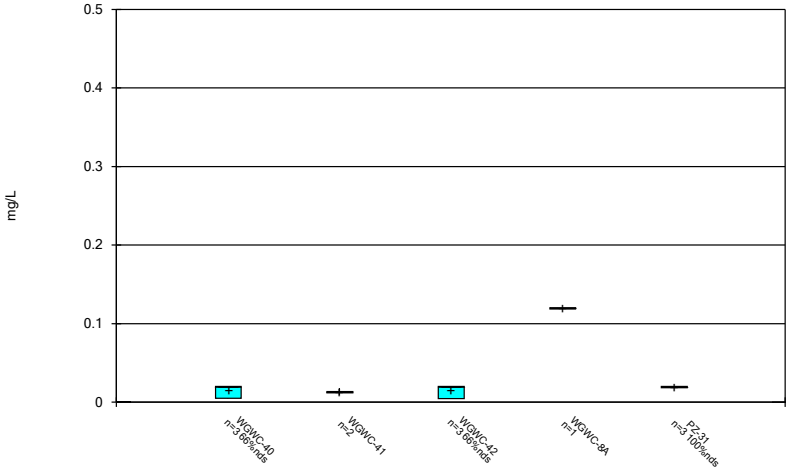

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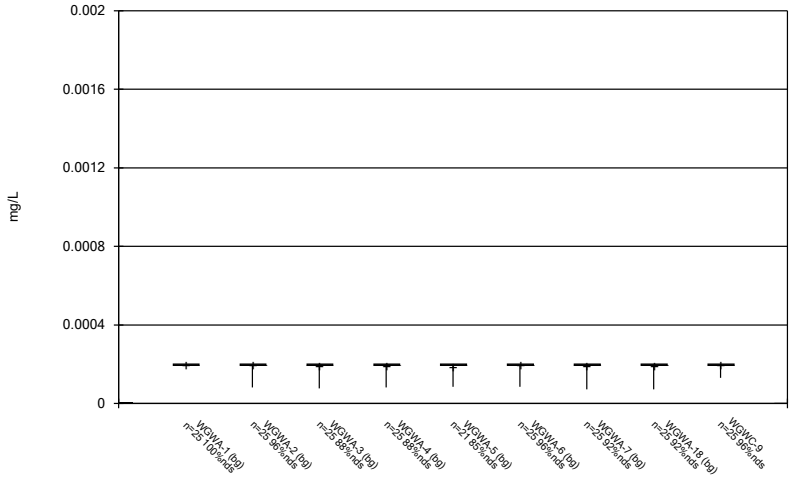

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Plant Wansley Client: Southern Company Data: Wansley AP 1

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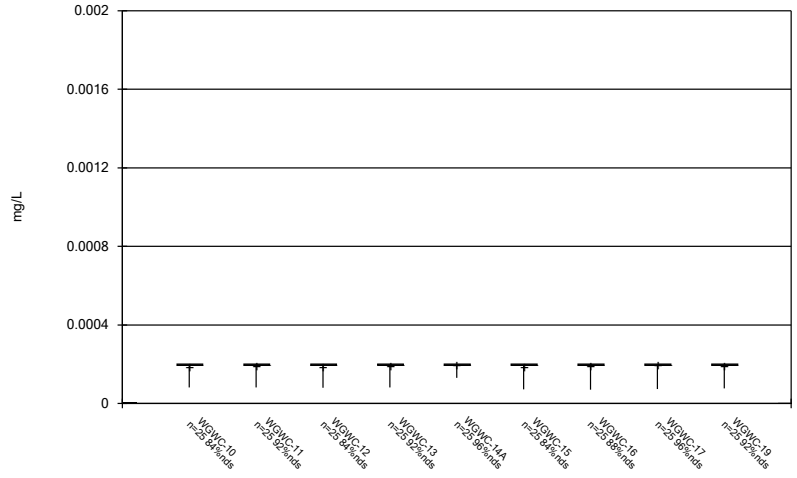
Box & Whiskers Plot



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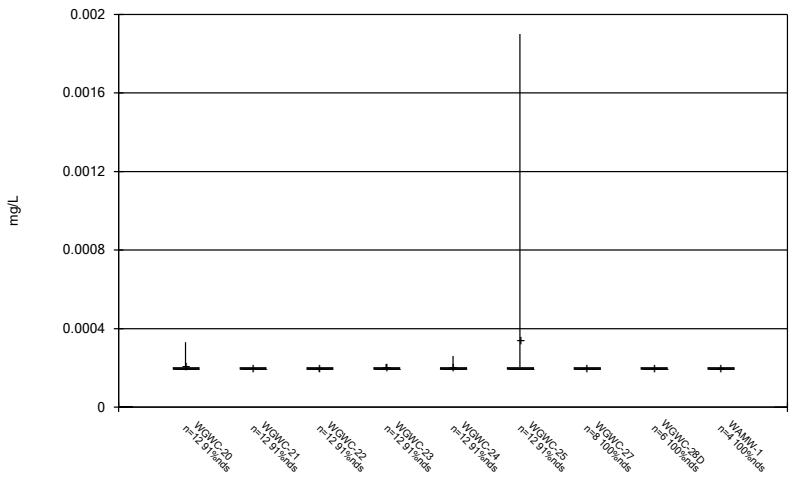

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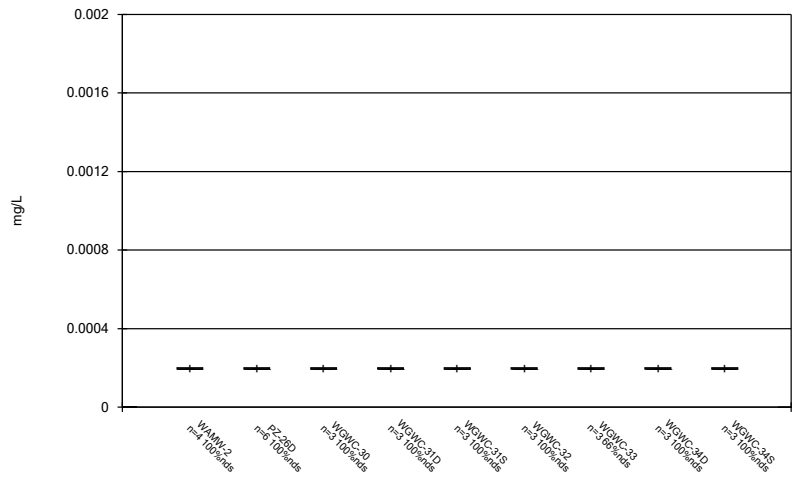

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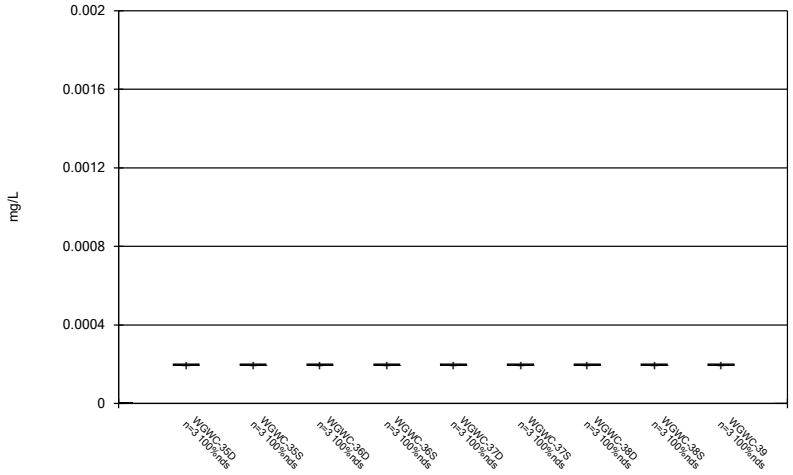

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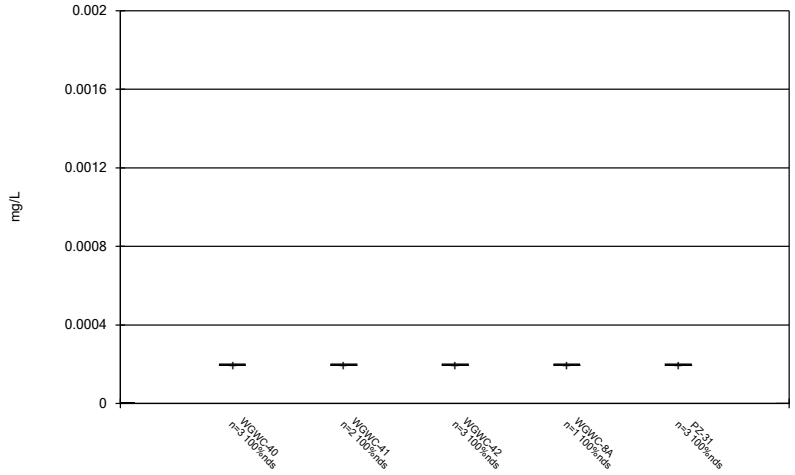

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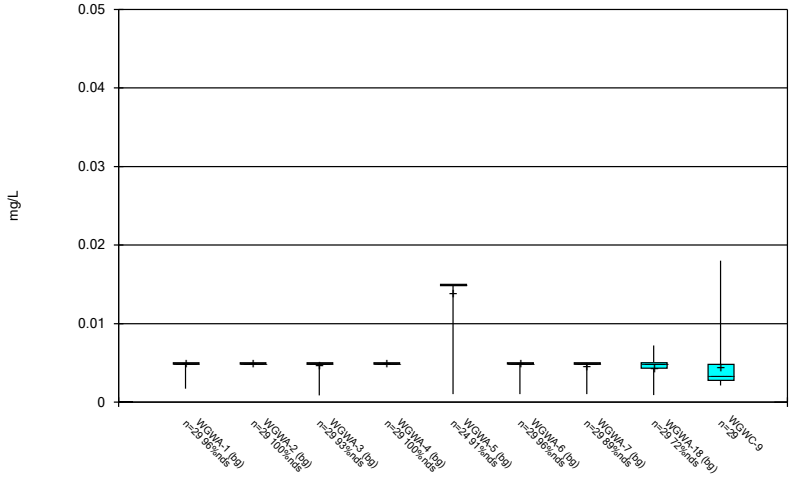

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Plant Wansley Client: Southern Company Data: Wansley AP 1

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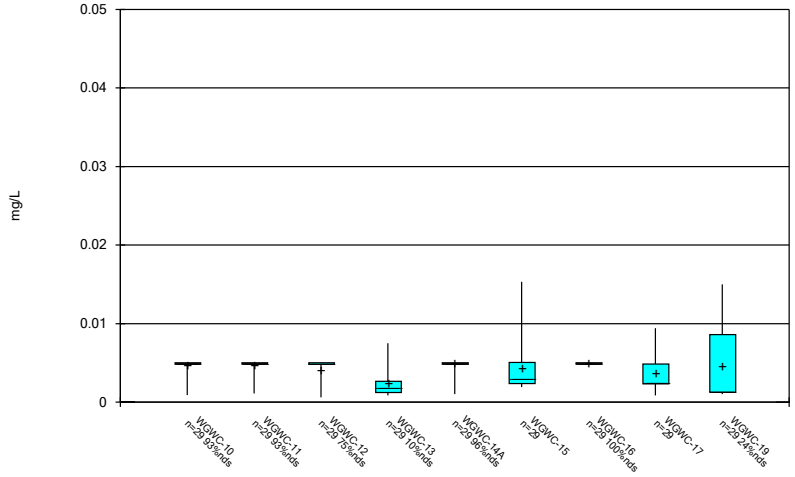

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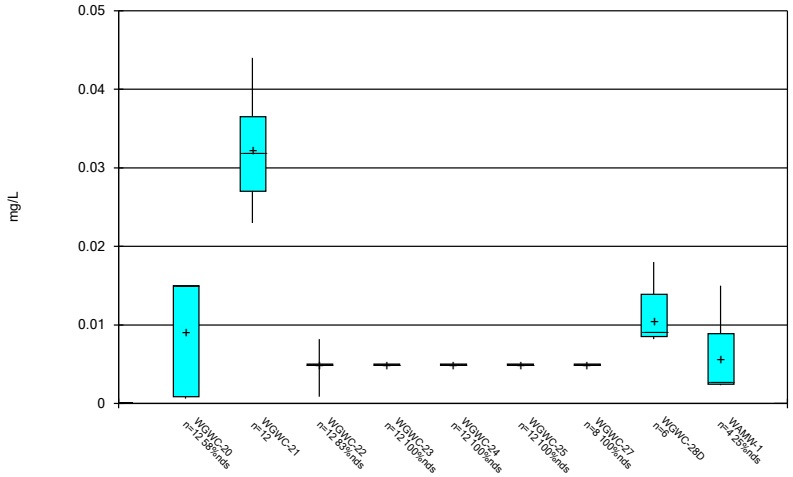
Box & Whiskers Plot



Constituent: Molybdenum Analysis Run 8/17/2026 12:59 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

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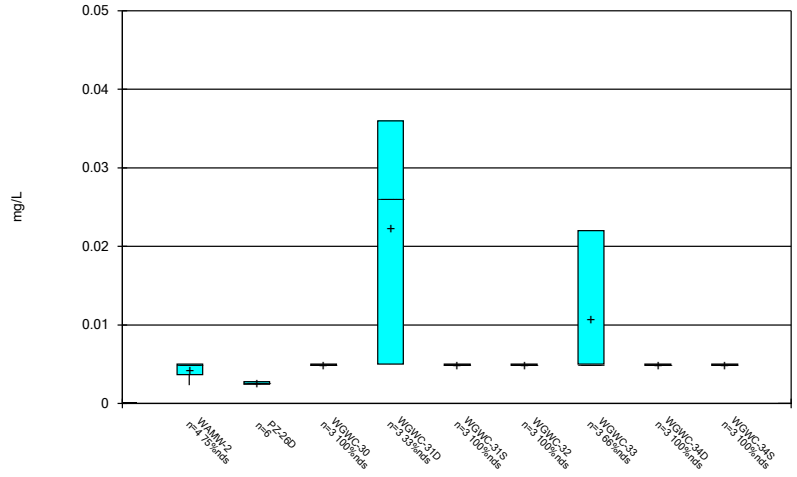
Box & Whiskers Plot



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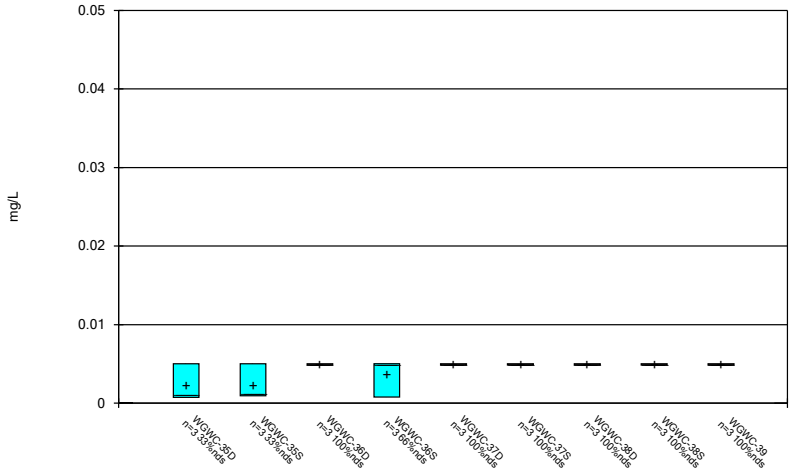
Box & Whiskers Plot



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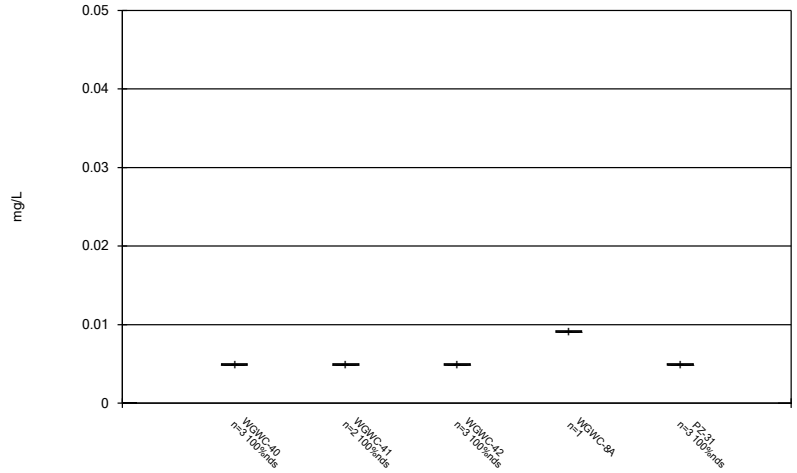
Box & Whiskers Plot



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Plant Wansley Client: Southern Company Data: Wansley AP 1

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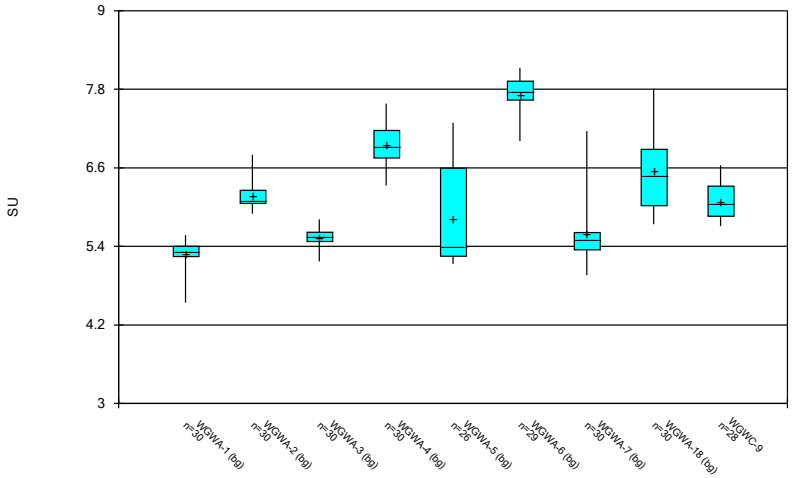
Box & Whiskers Plot



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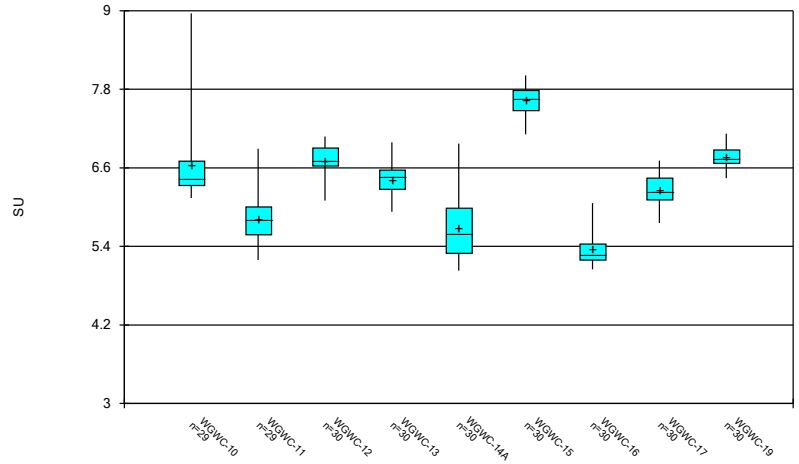

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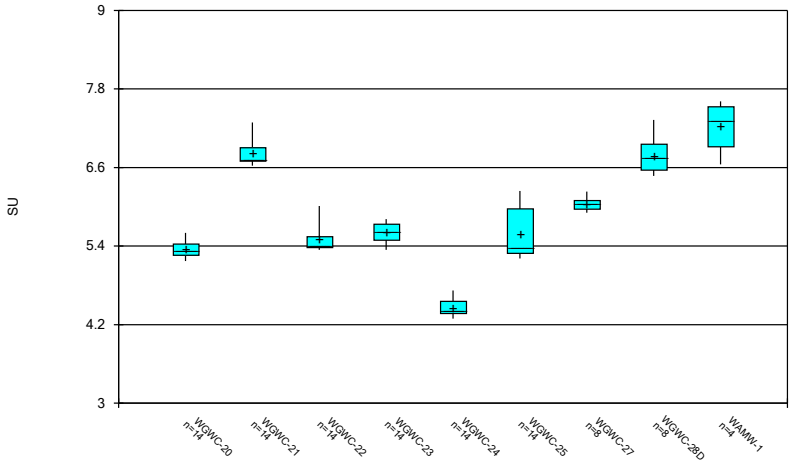

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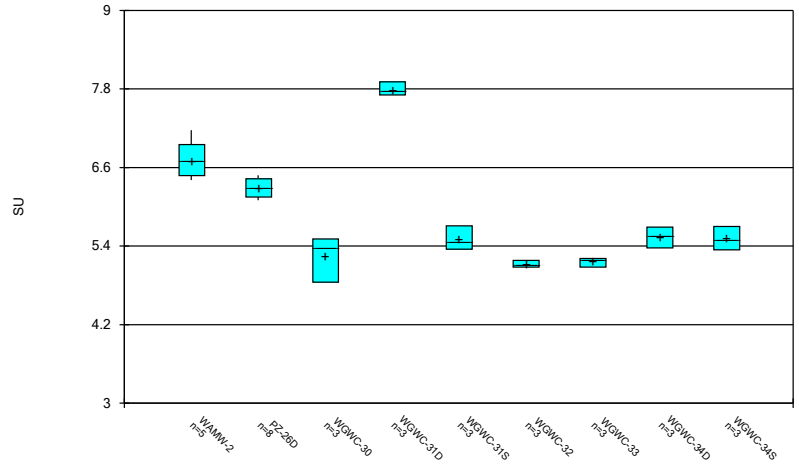

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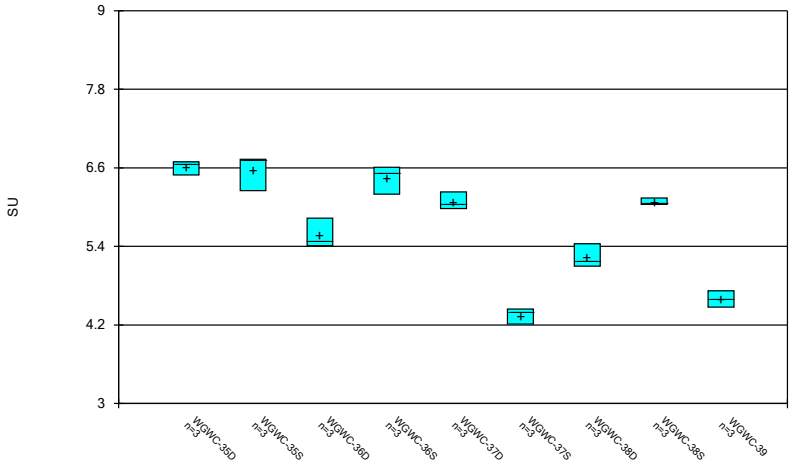

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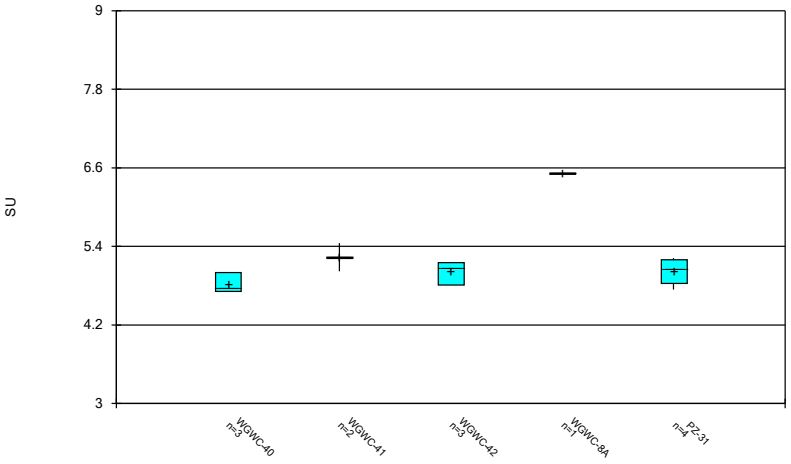

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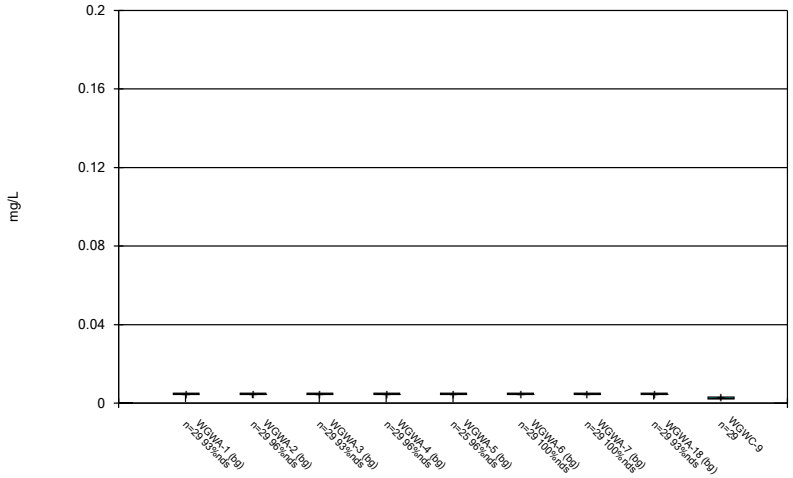

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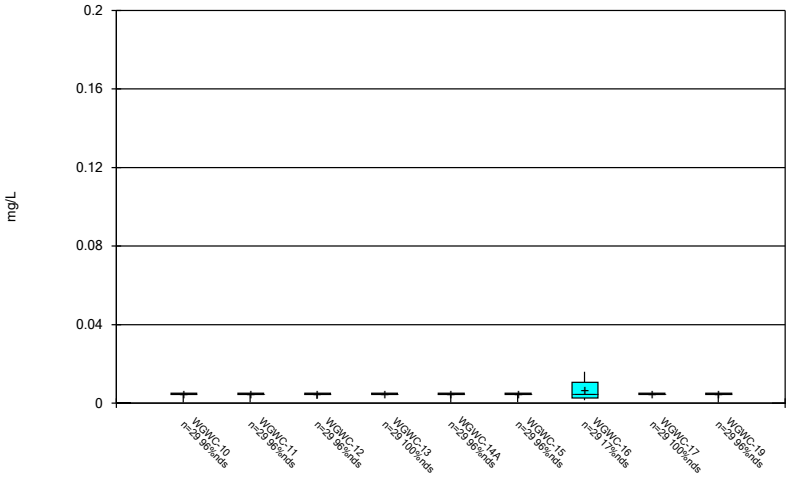
Box & Whiskers Plot



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Plant Wansley Client: Southern Company Data: Wansley AP 1

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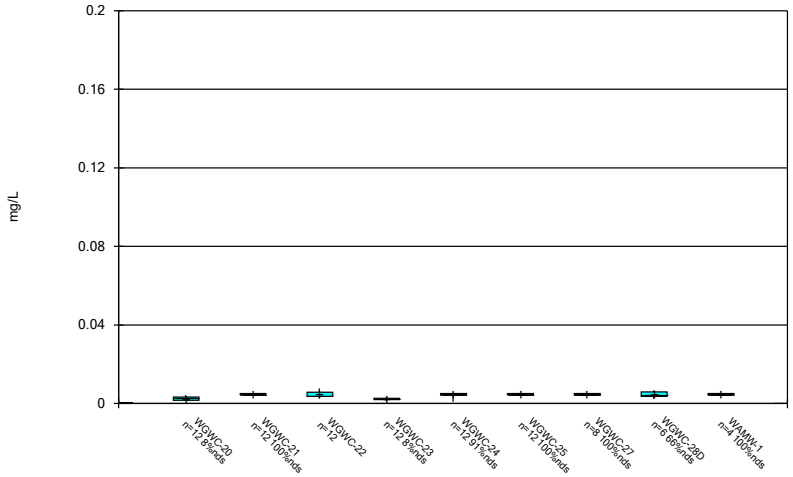
Box & Whiskers Plot



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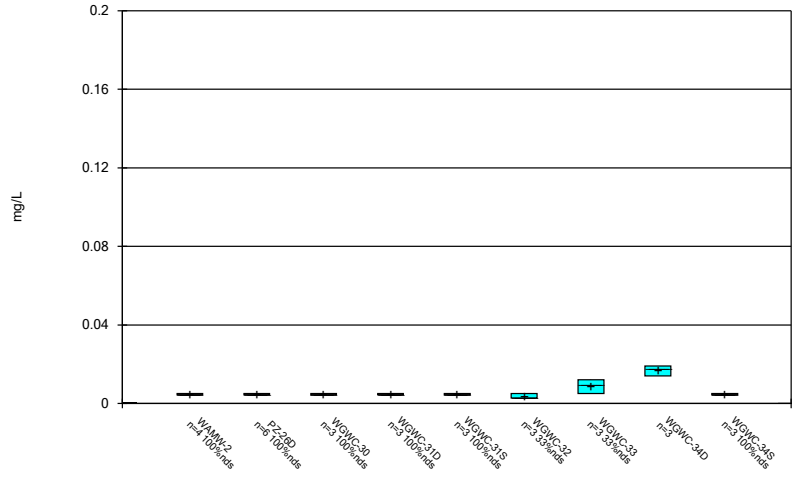
Box & Whiskers Plot



Constituent: Selenium Analysis Run 8/17/2026 12:59 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

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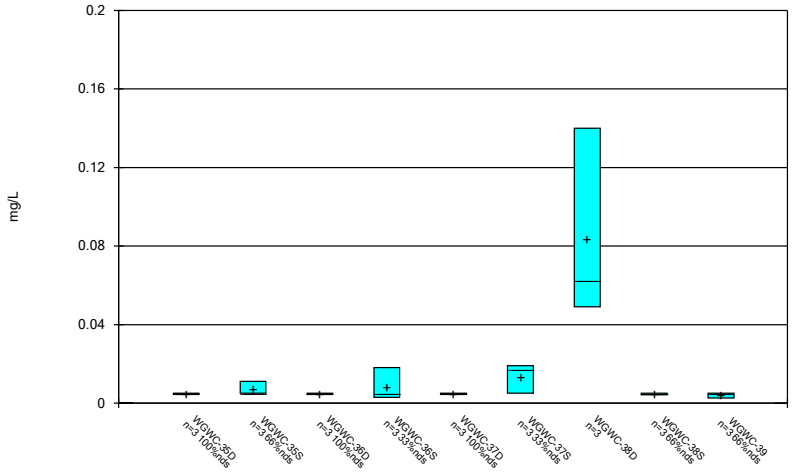
Box & Whiskers Plot



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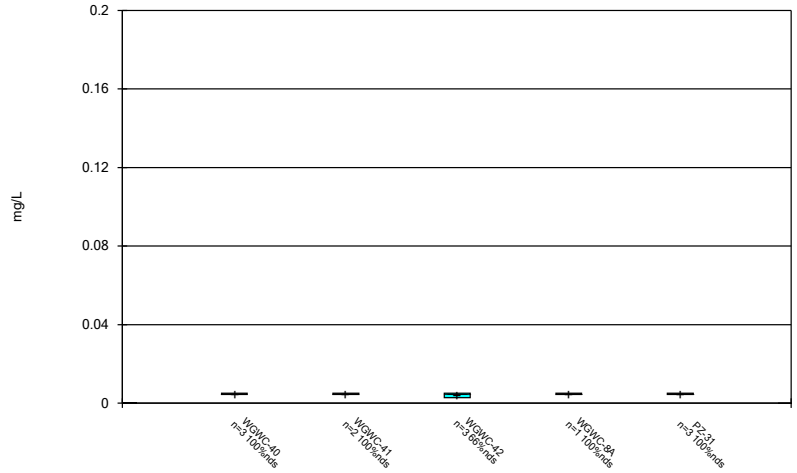
Box & Whiskers Plot



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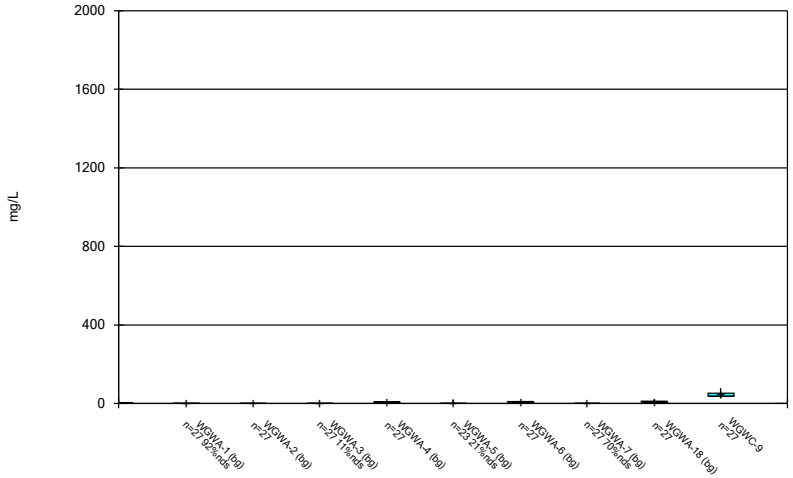

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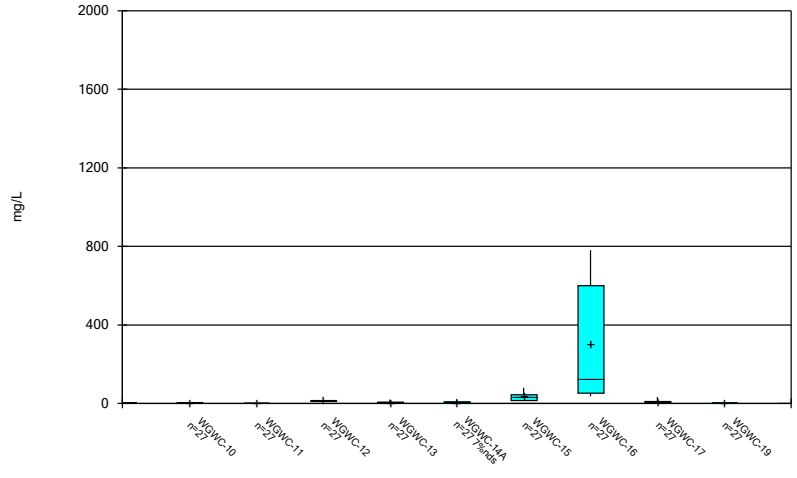

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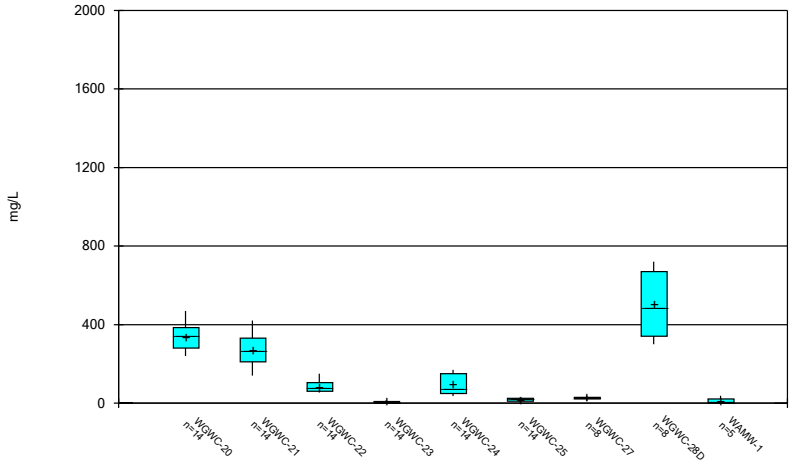

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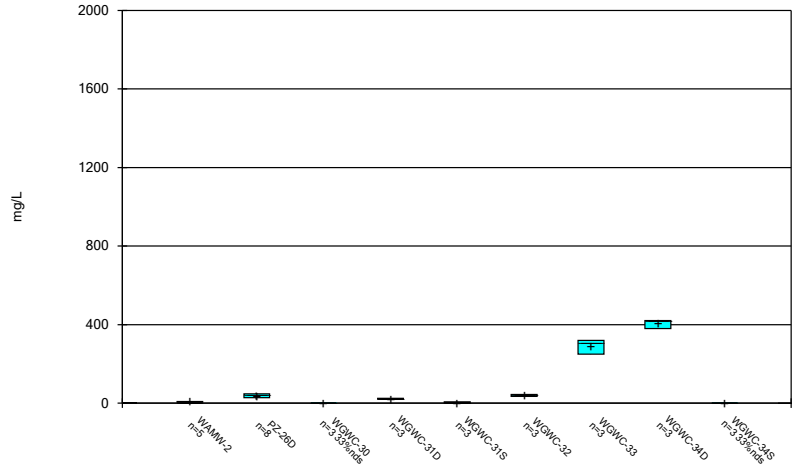

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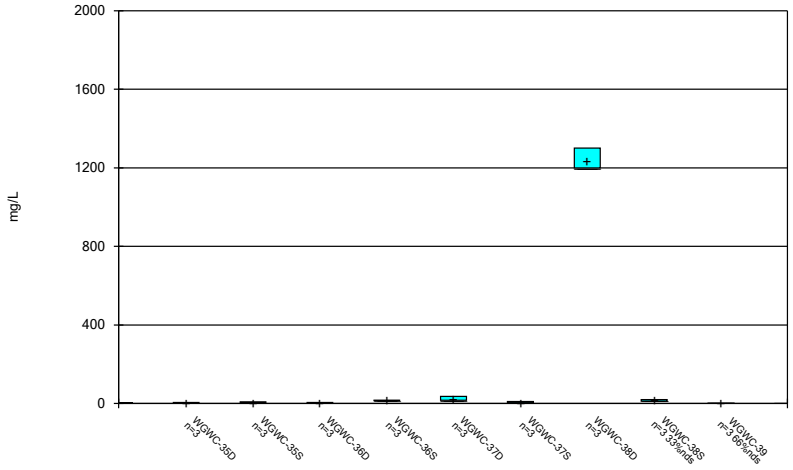

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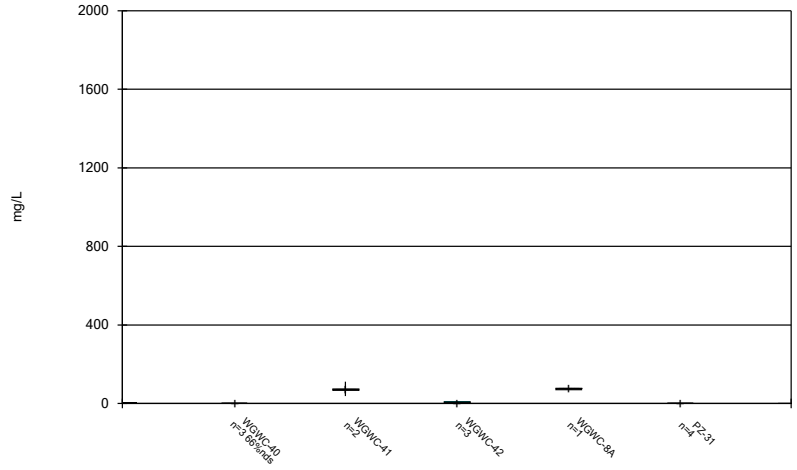

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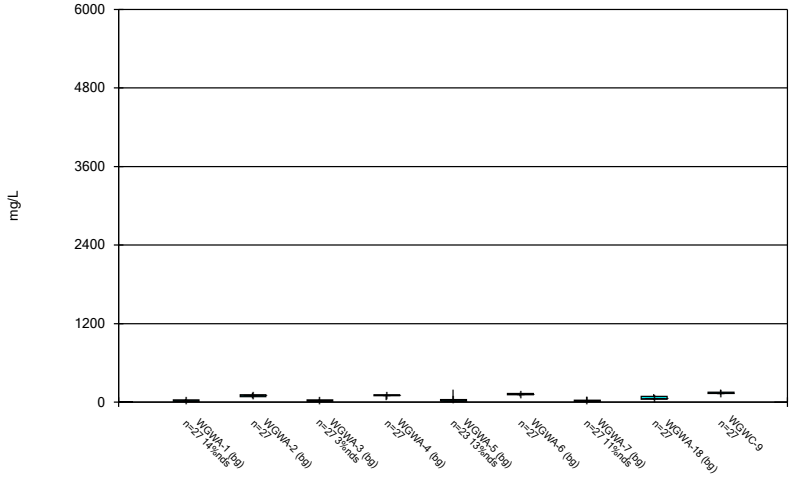

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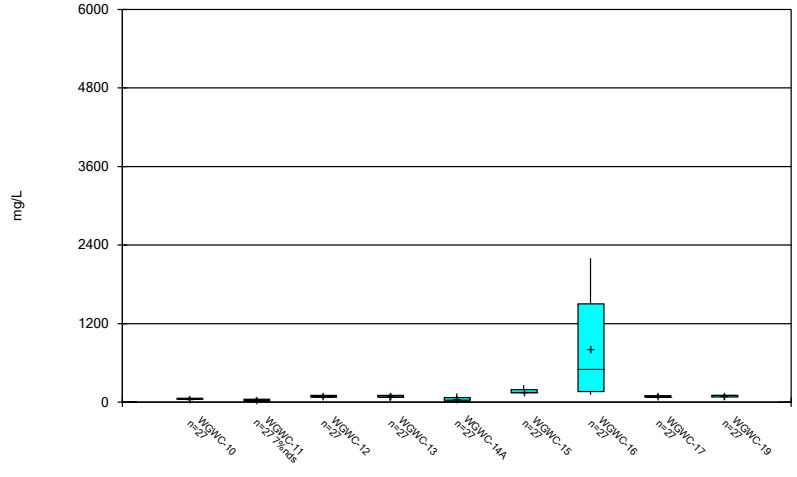
Box & Whiskers Plot



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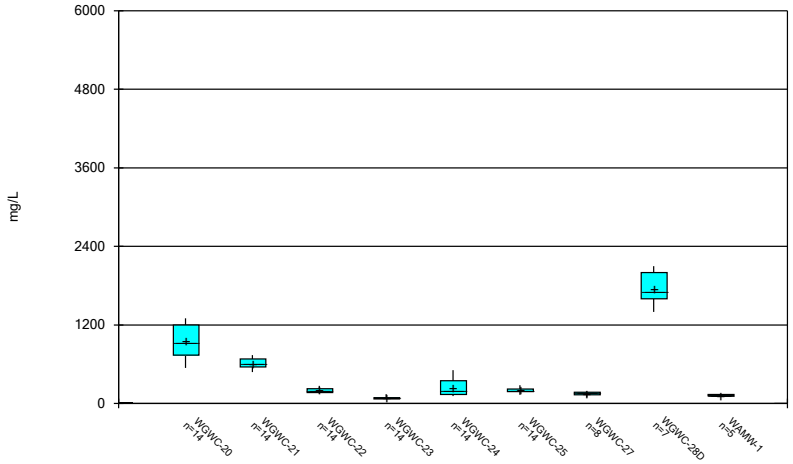

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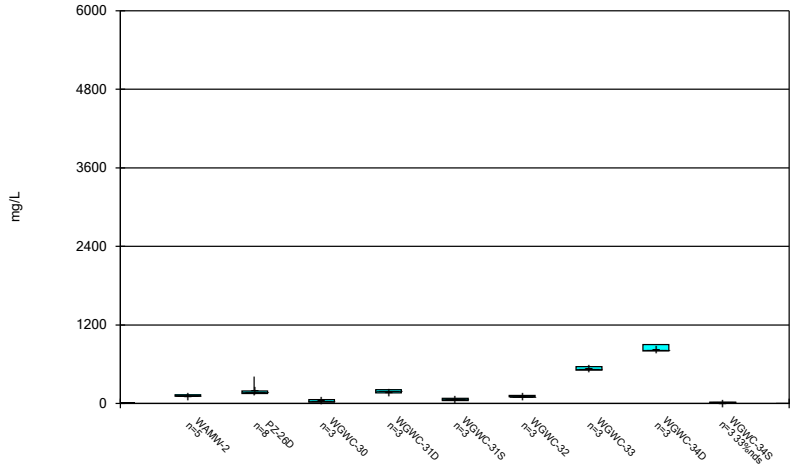

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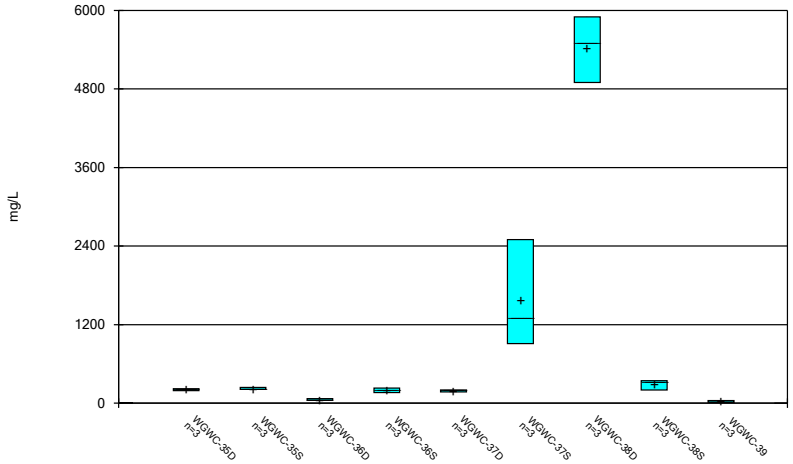

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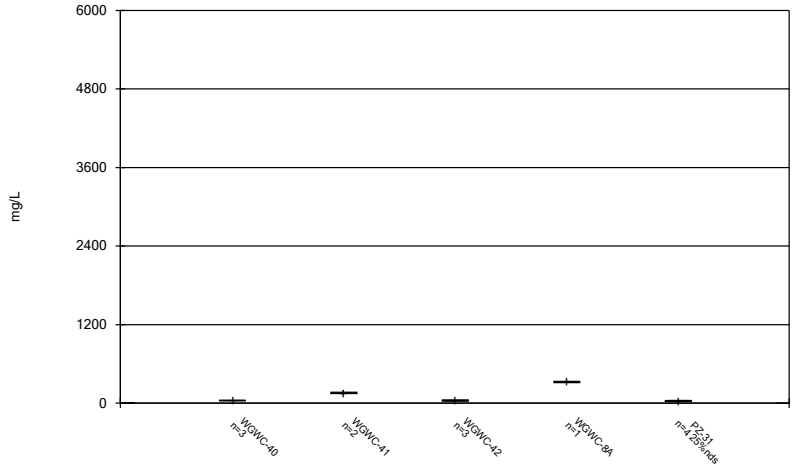

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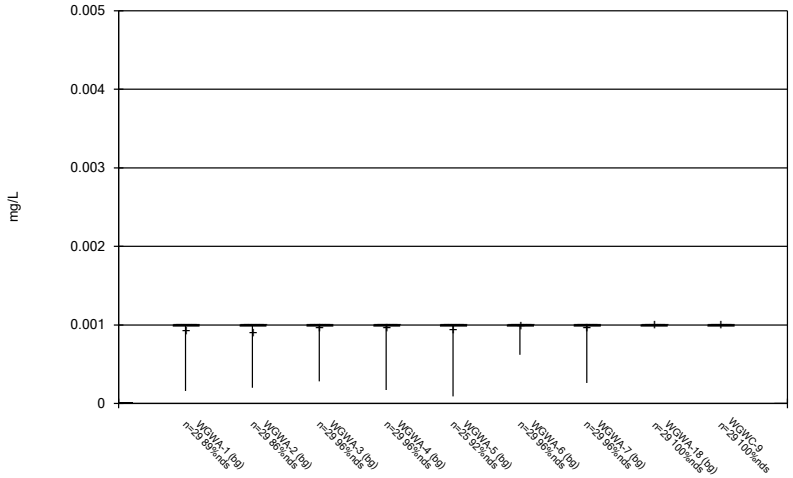

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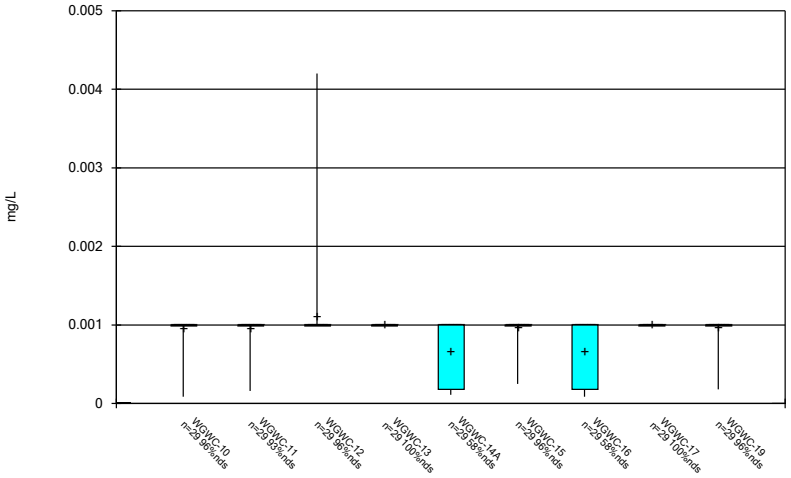

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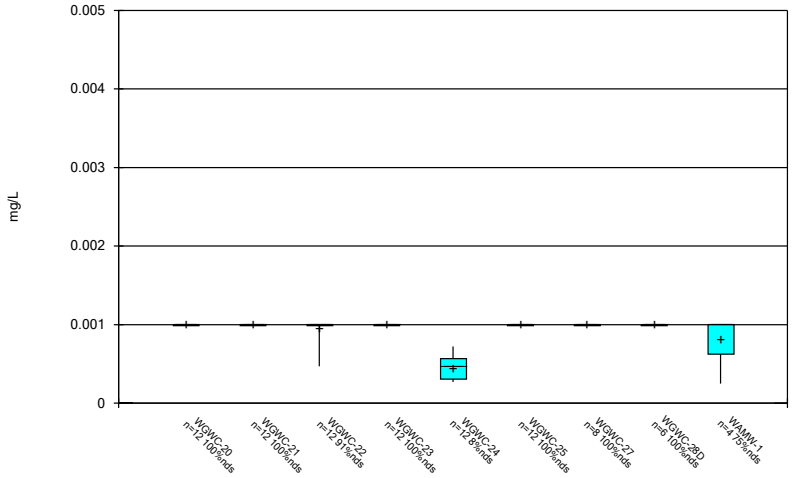

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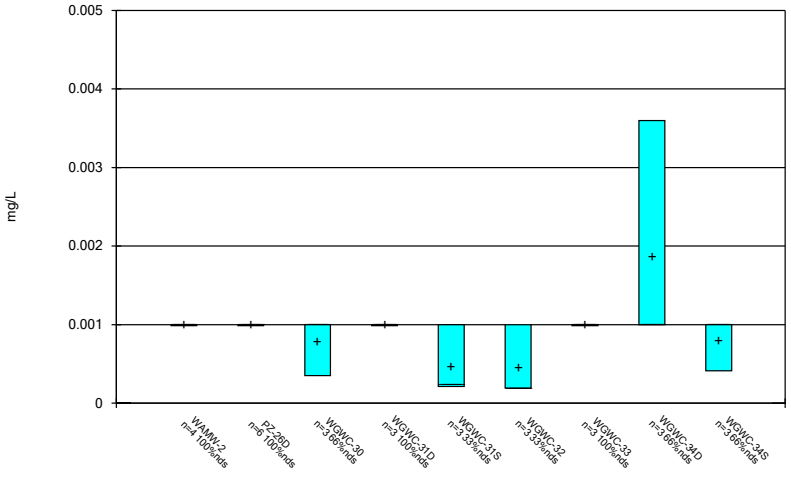

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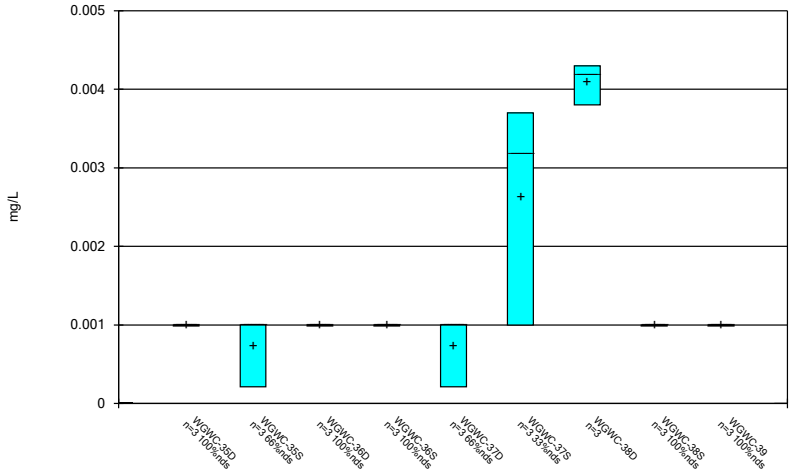

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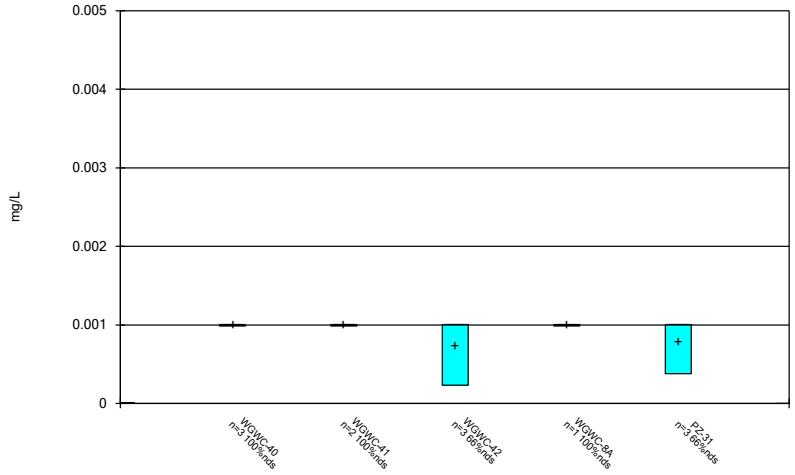

Constituent: Thallium Analysis Run 8/17/2026 12:59 PM

Plant Wansley Client: Southern Company Data: Wansley AP 1

FIGURE C.

Outlier Summary

Plant Wansley Client: Southern Company Data: Wansley AP 1 Printed 3/23/2026, 5:52 PM

	WGWA-7 Chromium (mg/L)	WGWA-5 Cobalt (mg/L)	WGWA-1 Combined Radium 226 + 228 (pCi/L)	WGWA-6 Combined Radium 226 + 228 (pCi/L)	WGWA-1 Lithium (mg/L)	WGWA-2 Lithium (mg/L)	WGWA-3 Lithium (mg/L)	WGWA-4 Lithium (mg/L)	WGWA-5 Lithium (mg/L)	WGWA-6 Lithium (mg/L)
5/17/2016					<0.05 (O)	<0.05 (O)				
5/18/2016							<0.05 (O)	<0.05 (O)	<0.05 (O)	<0.05 (O)
7/19/2016			7.25 (O)							
9/14/2016		0.013 (o)								
1/19/2017		0.064 (O)								
3/14/2017				0.589 (O)						
9/16/2019									0.028 (O)	0.032 (O)
2/13/2024	0.049 (O)									
8/14/2025										

	WGWA-7 Lithium (mg/L)	WGWA-18 Lithium (mg/L)	WGWA-5 Molybdenum (mg/L)	WGWC-28D TDS (mg/L)
5/17/2016		<0.05 (O)		
5/18/2016	<0.05 (O)			
7/19/2016				
9/14/2016			0.016 (O)	
1/19/2017				
3/14/2017				
9/16/2019				
2/13/2024				
8/14/2025				3600 (o)

Outlier Test - Pooled Upgradient Wells - Significant Results

Plant Wansley Client: Southern Company Data: Wansley AP 1 Printed 4/20/2026, 3:26 PM

Constituent	Well	Outlier	Value(s)	Method	N	Mean	Std. Dev.	Distribution	Normality Test
Barium (mg/L)	**WGWA-1,WGWA-2,WGW.**	**Yes**	**0.062**	**NP**	**228**	**0.01825**	**0.01268**	**normal**	**ShapiroWilk**
Chloride (mg/L)	**WGWA-1,WGWA-2,WGW.**	**Yes**	**5.1,6.05**	**NP**	**212**	**2.14**	**0.8726**	**normal**	**ShapiroWilk**
Cobalt (mg/L)	**WGWA-1,WGWA-2,WGW.**	**Yes**	**0.064**	**NP**	**228**	**0.003362**	**0.004576**	**normal**	**ShapiroWilk**
Combined Radium 226 + 228 (pCi/L)	**WGWA-1,WGWA-2,WGW.**	**Yes**	**7.25,8,7.69,6.98,8.78,10.4,8.22,7.21,7.52,8.77,8.**	**NP**	**228**	**1.578**	**2.945**	**normal**	**ShapiroWilk**

Outlier Test - Pooled Upgradient Wells - All Results

Plant Wansley Client: Southern Company Data: Wansley AP 1 Printed 4/20/2026, 3:27 PM

Constituent	Well	Outlier	Value(s)	Method	N	Mean	Std. Dev.	Distribution	Normality Test
Antimony (mg/L)	WGWA-1,WGWA-2,WGW	n/a	n/a	NP	180	0.004935	0.0005093	unknown	ShapiroWilk
Arsenic (mg/L)	WGWA-1,WGWA-2,WGW	n/a	n/a	NP	228	0.00432	0.001577	unknown	ShapiroWilk
Barium (mg/L)	**WGWA-1,WGWA-2,WGW**	**Yes**	**0.062**	**NP**	**228**	**0.01825**	**0.01268**	**normal**	**ShapiroWilk**
Beryllium (mg/L)	WGWA-1,WGWA-2,WGW	n/a	n/a	NP	228	0.0009745	0.0001292	unknown	ShapiroWilk
Boron (mg/L)	WGWA-1,WGWA-2,WGW	n/a	n/a	NP	204	0.07875	0.00838	unknown	ShapiroWilk
Cadmium (mg/L)	WGWA-1,WGWA-2,WGW	No	n/a	NP	212	0.0007	0	normal	ShapiroWilk
Calcium (mg/L)	WGWA-1,WGWA-2,WGW	No	n/a	NP	212	10.99	10.9	normal	ShapiroWilk
Chloride (mg/L)	**WGWA-1,WGWA-2,WGW**	**Yes**	**5.1,6.05**	**NP**	**212**	**2.14**	**0.8726**	**normal**	**ShapiroWilk**
Chromium (mg/L)	WGWA-1,WGWA-2,WGW	n/a	n/a	NP	228	0.005057	0.003	unknown	ShapiroWilk
Cobalt (mg/L)	**WGWA-1,WGWA-2,WGW**	**Yes**	**0.064**	**NP**	**228**	**0.003362**	**0.004576**	**normal**	**ShapiroWilk**
Combined Radium 226 + 228 (pCi/L)	**WGWA-1,WGWA-2,WGW**	**Yes**	**7.25,8,7.69,6.98,8.78,10.4,8.22,7.21,7.52,8.77,8.**	**NP**	**228**	**1.578**	**2.945**	**normal**	**ShapiroWilk**
Fluoride (mg/L)	WGWA-1,WGWA-2,WGW	No	n/a	NP	236	0.1446	0.06394	normal	ShapiroWilk
Lead (mg/L)	WGWA-1,WGWA-2,WGW	n/a	n/a	NP	212	0.0009316	0.0002306	unknown	ShapiroWilk
Lithium (mg/L)	WGWA-1,WGWA-2,WGW	No	n/a	NP	228	0.01318	0.007759	normal	ShapiroWilk
Mercury (mg/L)	WGWA-1,WGWA-2,WGW	n/a	n/a	NP	196	0.0001923	0.00002822	unknown	ShapiroWilk
Molybdenum (mg/L)	WGWA-1,WGWA-2,WGW	n/a	n/a	NP	228	0.004821	0.001174	unknown	ShapiroWilk
pH, Field (SU)	WGWA-1,WGWA-2,WGW	No	n/a	NP	235	6.201	0.8671	normal	ShapiroWilk
Selenium (mg/L)	WGWA-1,WGWA-2,WGW	n/a	n/a	NP	228	0.004847	0.0007785	unknown	ShapiroWilk
Sulfate (mg/L)	WGWA-1,WGWA-2,WGW	No	n/a	NP	212	3.85	3.937	normal	ShapiroWilk
TDS (mg/L)	WGWA-1,WGWA-2,WGW	No	n/a	NP	212	63.69	42.74	normal	ShapiroWilk
Thallium (mg/L)	WGWA-1,WGWA-2,WGW	n/a	n/a	NP	228	0.0009625	0.0001588	unknown	ShapiroWilk

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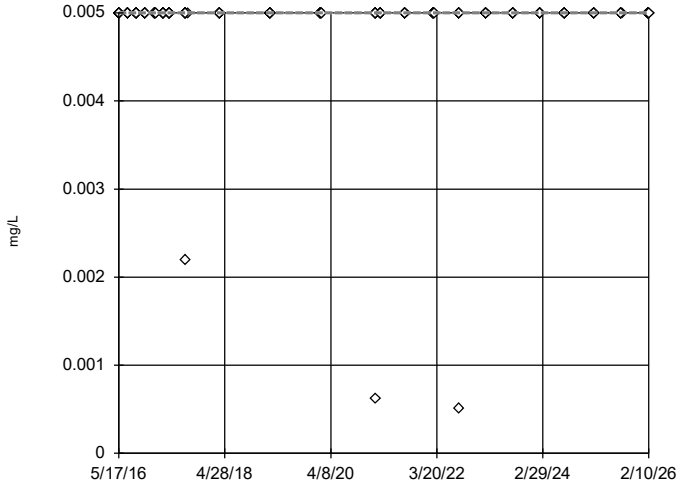
Tukey's Outlier Screening, Pooled Background

WGWA-1,WGWA-2,WGWA-3,WGWA-4,WGWA-5,WG...



n = 180

No outliers found. Tukey's method selected by user.

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Antimony Analysis Run 4/20/2026 3:25 PM View: Tukey's Outlier - Upgradient

Plant Wansley Client: Southern Company Data: Wansley AP 1

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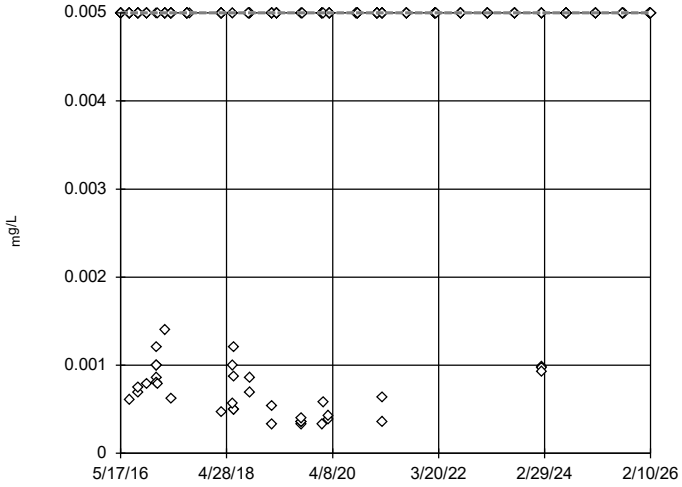
Tukey's Outlier Screening, Pooled Background

WGWA-1,WGWA-2,WGWA-3,WGWA-4,WGWA-5,WG...



n = 228

No outliers found. Tukey's method selected by user.

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Arsenic Analysis Run 4/20/2026 3:25 PM View: Tukey's Outlier - Upgradient

Plant Wansley Client: Southern Company Data: Wansley AP 1

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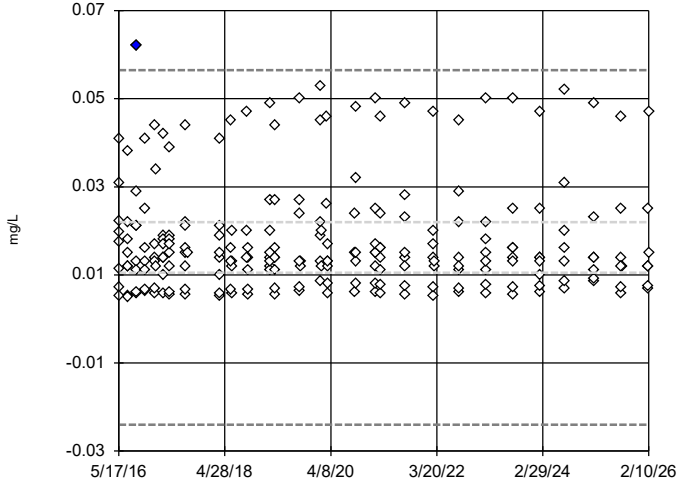
Tukey's Outlier Screening, Pooled Background

WGWA-1,WGWA-2,WGWA-3,WGWA-4,WGWA-5,WG...



n = 228

Outlier is drawn as solid. Tukey's method selected by user.

High cutoff = 0.0565, low cutoff = -0.024, based on IQR multiplier of 3.

Constituent: Barium Analysis Run 4/20/2026 3:25 PM View: Tukey's Outlier - Upgradient

Plant Wansley Client: Southern Company Data: Wansley AP 1

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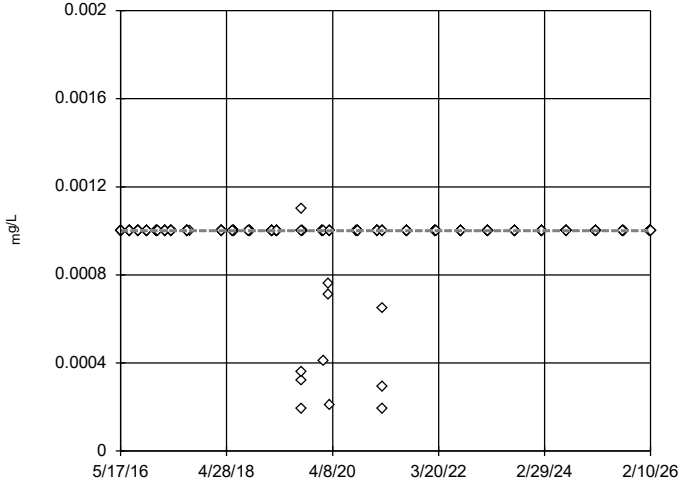
Tukey's Outlier Screening, Pooled Background

WGWA-1,WGWA-2,WGWA-3,WGWA-4,WGWA-5,WG...



n = 228

No outliers found. Tukey's method selected by user.

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Beryllium Analysis Run 4/20/2026 3:25 PM View: Tukey's Outlier - Upgradient

Plant Wansley Client: Southern Company Data: Wansley AP 1

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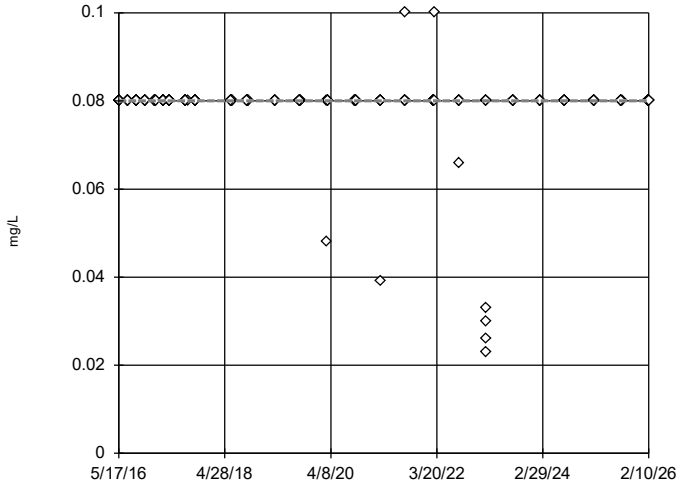
Tukey's Outlier Screening, Pooled Background

WGWA-1,WGWA-2,WGWA-3,WGWA-4,WGWA-5,WG...



n = 204

No outliers found.
Tukey's method selected by user.

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Boron Analysis Run 4/20/2026 3:25 PM View: Tukey's Outlier - Upgradient

Plant Wansley Client: Southern Company Data: Wansley AP 1

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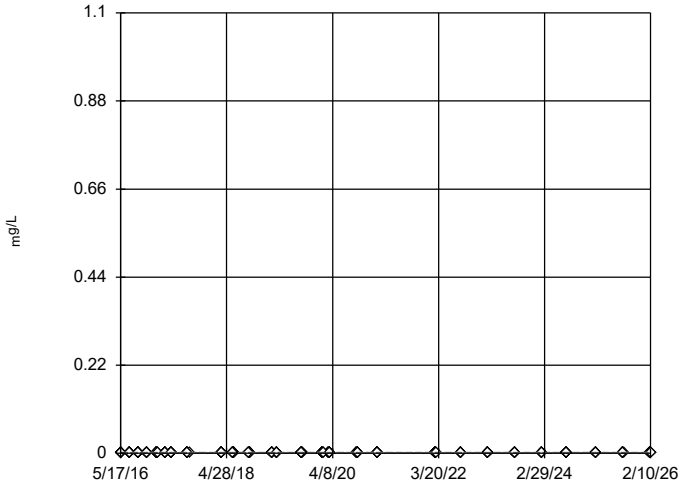
Tukey's Outlier Screening, Pooled Background

WGWA-1,WGWA-2,WGWA-3,WGWA-4,WGWA-5,WG...



n = 212

No outliers found.
Tukey's method selected by user.

All values are the same.

Constituent: Cadmium Analysis Run 4/20/2026 3:25 PM View: Tukey's Outlier - Upgradient

Plant Wansley Client: Southern Company Data: Wansley AP 1

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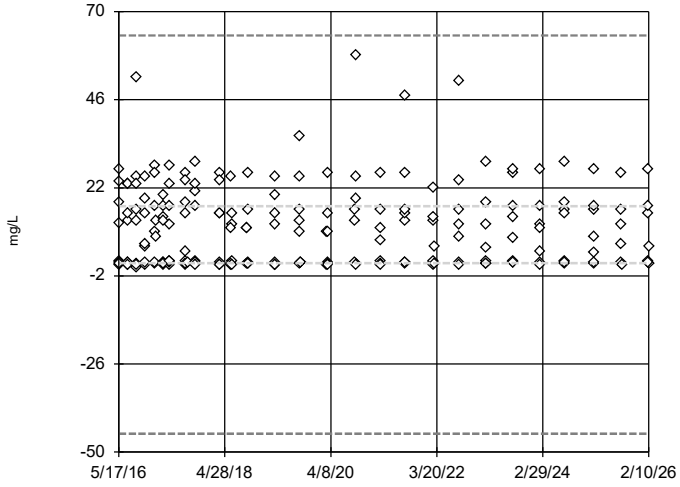
Tukey's Outlier Screening, Pooled Background

WGWA-1,WGWA-2,WGWA-3,WGWA-4,WGWA-5,WG...



n = 212

No outliers found.
Tukey's method selected by user.

High cutoff = 63.5, low cutoff = -45, based on IQR multiplier of 3.

Constituent: Calcium Analysis Run 4/20/2026 3:25 PM View: Tukey's Outlier - Upgradient

Plant Wansley Client: Southern Company Data: Wansley AP 1

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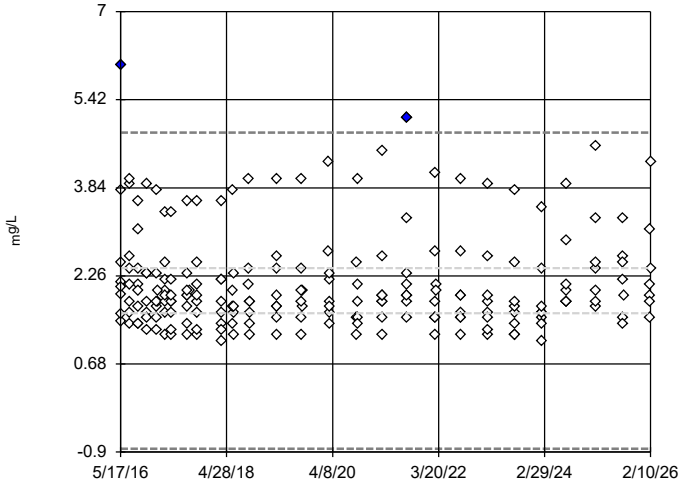
Tukey's Outlier Screening, Pooled Background

WGWA-1,WGWA-2,WGWA-3,WGWA-4,WGWA-5,WG...



n = 212

Outliers are drawn as solid.
Tukey's method selected by user.

High cutoff = 4.83, low cutoff = -0.84, based on IQR multiplier of 3.

Constituent: Chloride Analysis Run 4/20/2026 3:25 PM View: Tukey's Outlier - Upgradient

Plant Wansley Client: Southern Company Data: Wansley AP 1

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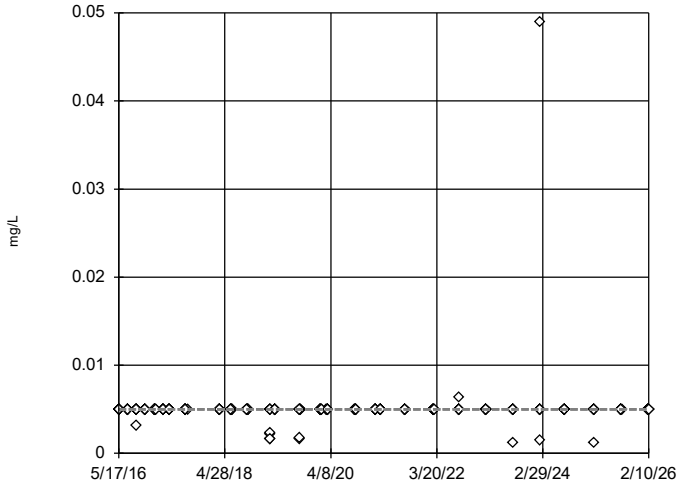
Tukey's Outlier Screening, Pooled Background

WGWA-1,WGWA-2,WGWA-3,WGWA-4,WGWA-5,WG...



n = 228

No outliers found.
Tukey's method select-
ed by user.

The results were invalid-
ated, because the lower
and upper quartiles are
equal.

Constituent: Chromium Analysis Run 4/20/2026 3:25 PM View: Tukey's Outlier - Upgradient

Plant Wansley Client: Southern Company Data: Wansley AP 1

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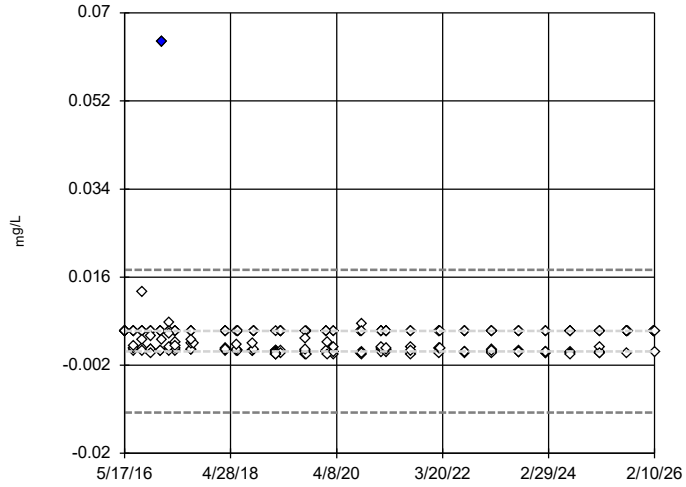
Tukey's Outlier Screening, Pooled Background

WGWA-1,WGWA-2,WGWA-3,WGWA-4,WGWA-5,WG...



n = 228

Outlier is drawn as solid.
Tukey's method select-
ed by user.

High cutoff = 0.01749,
low cutoff = -0.01166,
based on IQR multiplier
of 3.

Constituent: Cobalt Analysis Run 4/20/2026 3:25 PM View: Tukey's Outlier - Upgradient

Plant Wansley Client: Southern Company Data: Wansley AP 1

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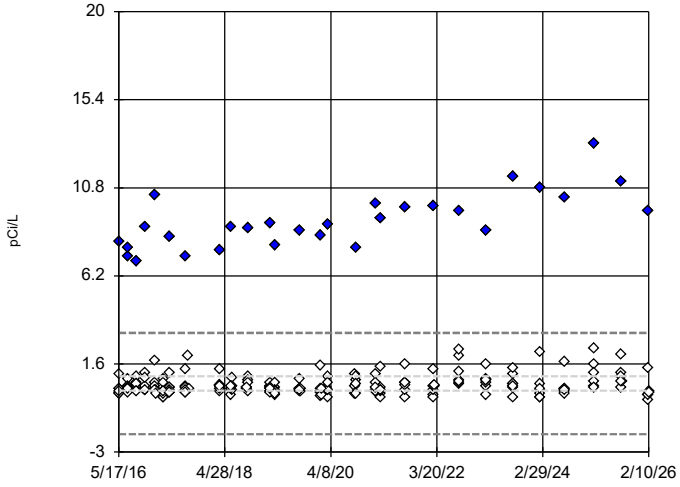
Tukey's Outlier Screening, Pooled Background

WGWA-1,WGWA-2,WGWA-3,WGWA-4,WGWA-5,WG...



n = 228

Outliers are drawn as
solid.
Tukey's method select-
ed by user.

High cutoff = 3.229, low
cutoff = -2.063, based
on IQR multiplier of 3.

Constituent: Combined Radium 226 + 228 Analysis Run 4/20/2026 3:25 PM View: Tukey's Outlier - Upgra

Plant Wansley Client: Southern Company Data: Wansley AP 1

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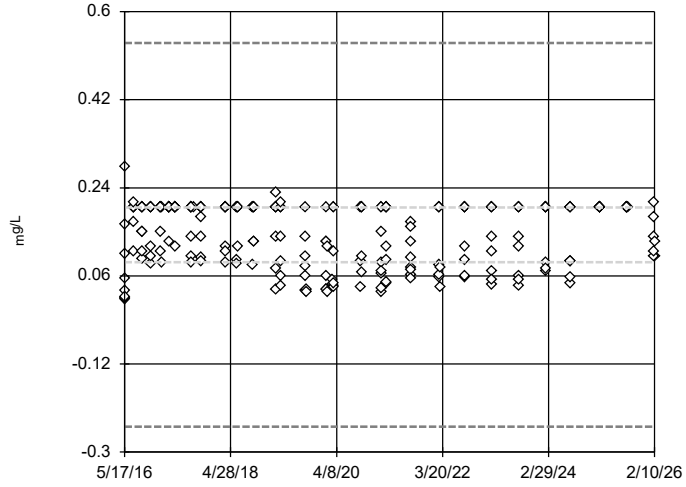
Tukey's Outlier Screening, Pooled Background

WGWA-1,WGWA-2,WGWA-3,WGWA-4,WGWA-5,WG...



n = 236

No outliers found.
Tukey's method select-
ed by user.

High cutoff = 0.536, low
cutoff = -0.248, based
on IQR multiplier of 3.

Constituent: Fluoride Analysis Run 4/20/2026 3:25 PM View: Tukey's Outlier - Upgradient

Plant Wansley Client: Southern Company Data: Wansley AP 1

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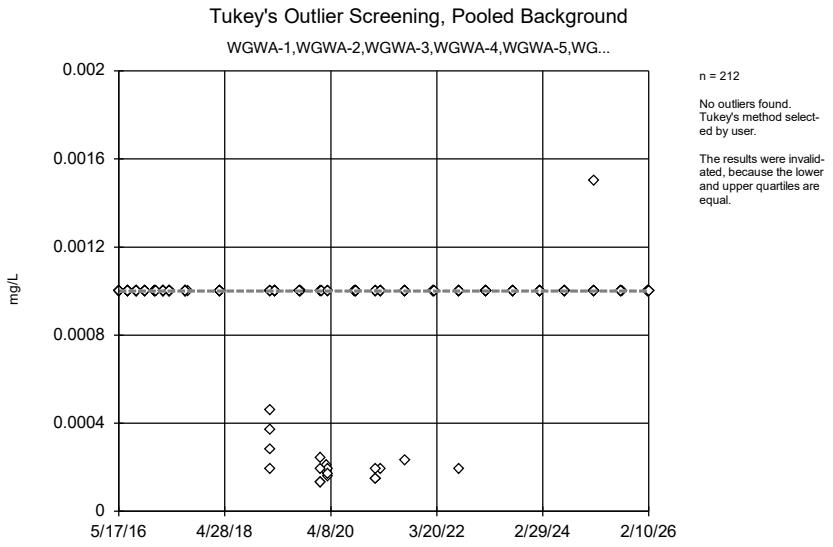

Constituent: Lead Analysis Run 4/20/2026 3:25 PM View: Tukey's Outlier - Upgradient
Plant Wansley Client: Southern Company Data: Wansley AP 1

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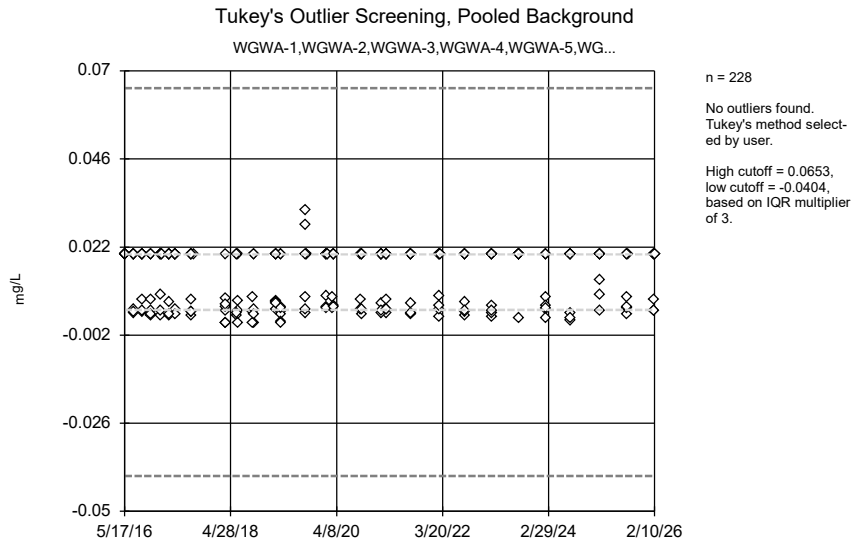

Constituent: Lithium Analysis Run 4/20/2026 3:25 PM View: Tukey's Outlier - Upgradient
Plant Wansley Client: Southern Company Data: Wansley AP 1

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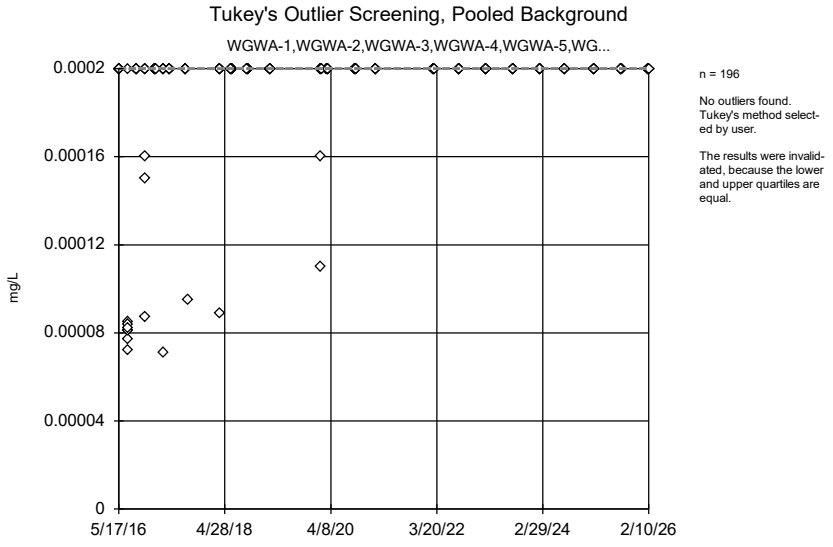

Constituent: Mercury Analysis Run 4/20/2026 3:25 PM View: Tukey's Outlier - Upgradient
Plant Wansley Client: Southern Company Data: Wansley AP 1

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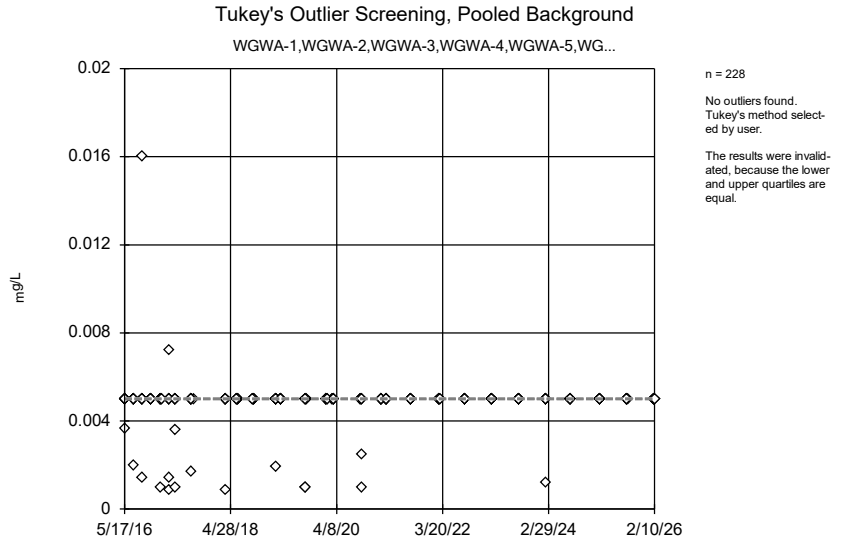

Constituent: Molybdenum Analysis Run 4/20/2026 3:25 PM View: Tukey's Outlier - Upgradient
Plant Wansley Client: Southern Company Data: Wansley AP 1

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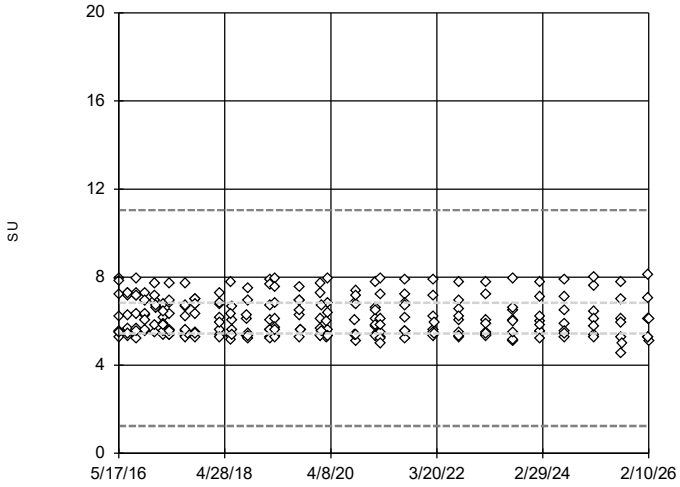
Tukey's Outlier Screening, Pooled Background

WGWA-1,WGWA-2,WGWA-3,WGWA-4,WGWA-5,WG...



n = 235

No outliers found. Tukey's method selected by user.

High cutoff = 11.04, low cutoff = 1.24, based on IQR multiplier of 3.

Constituent: pH, Field Analysis Run 4/20/2026 3:25 PM View: Tukey's Outlier - Upgradient

Plant Wansley Client: Southern Company Data: Wansley AP 1

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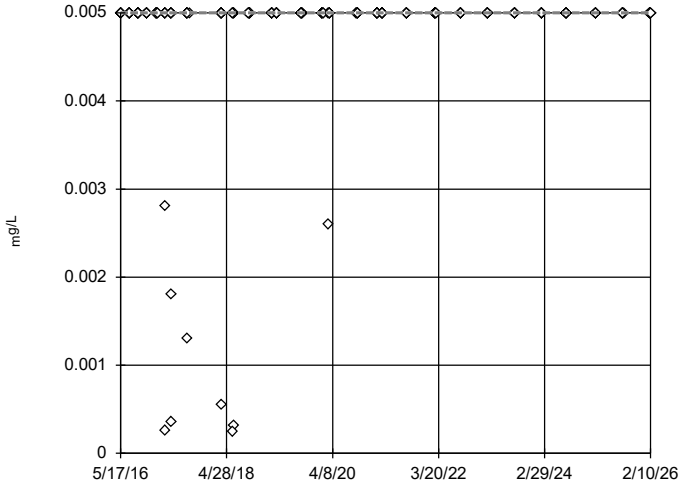
Tukey's Outlier Screening, Pooled Background

WGWA-1,WGWA-2,WGWA-3,WGWA-4,WGWA-5,WG...



n = 228

No outliers found. Tukey's method selected by user.

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Selenium Analysis Run 4/20/2026 3:25 PM View: Tukey's Outlier - Upgradient

Plant Wansley Client: Southern Company Data: Wansley AP 1

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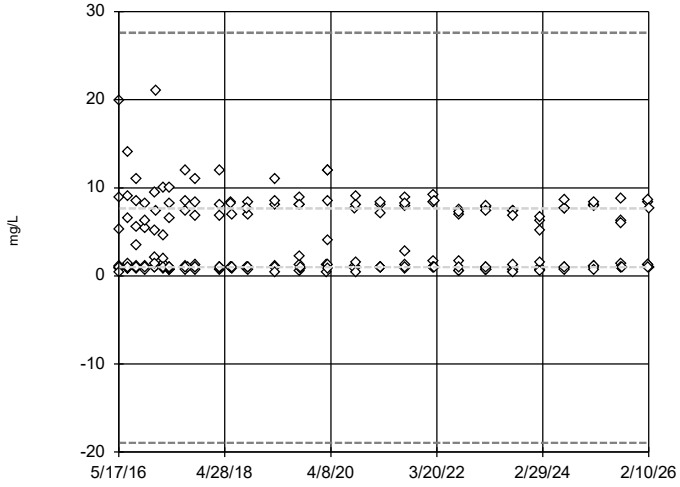
Tukey's Outlier Screening, Pooled Background

WGWA-1,WGWA-2,WGWA-3,WGWA-4,WGWA-5,WG...



n = 212

No outliers found. Tukey's method selected by user.

High cutoff = 27.6, low cutoff = -18.95, based on IQR multiplier of 3.

Constituent: Sulfate Analysis Run 4/20/2026 3:25 PM View: Tukey's Outlier - Upgradient

Plant Wansley Client: Southern Company Data: Wansley AP 1

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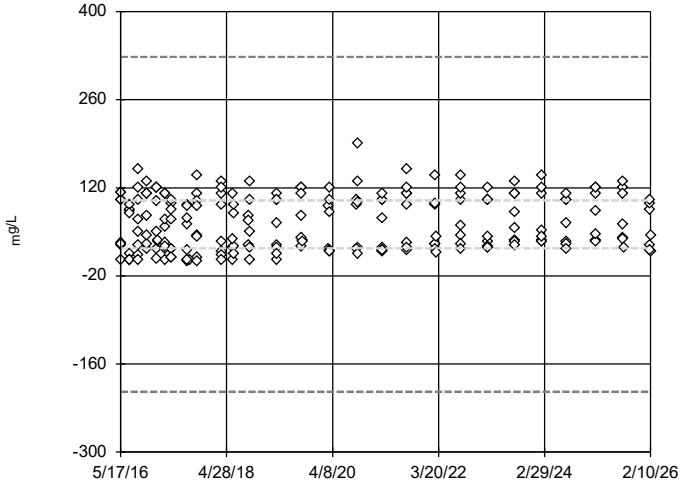
Tukey's Outlier Screening, Pooled Background

WGWA-1,WGWA-2,WGWA-3,WGWA-4,WGWA-5,WG...



n = 212

No outliers found. Tukey's method selected by user.

High cutoff = 328, low cutoff = -204, based on IQR multiplier of 3.

Constituent: TDS Analysis Run 4/20/2026 3:25 PM View: Tukey's Outlier - Upgradient

Plant Wansley Client: Southern Company Data: Wansley AP 1

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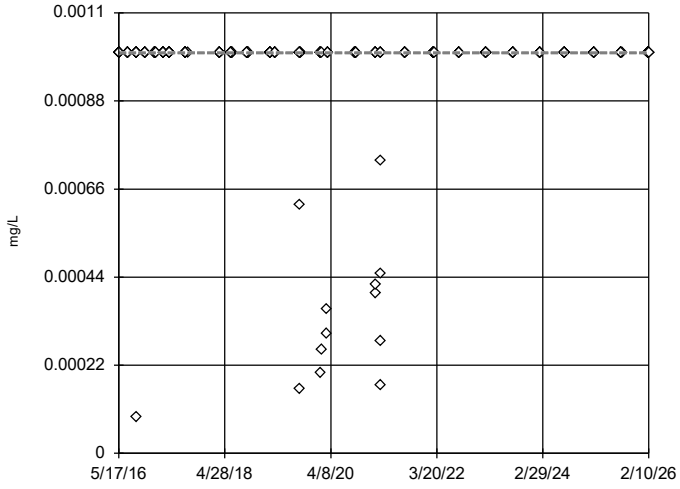
Tukey's Outlier Screening, Pooled Background

WGWA-1,WGWA-2,WGWA-3,WGWA-4,WGWA-5,WG...



n = 228

No outliers found.
Tukey's method selected by user.

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Thallium Analysis Run 4/20/2026 3:25 PM View: Tukey's Outlier - Upgradient
Plant Wansley Client: Southern Company Data: Wansley AP 1

FIGURE D.

Appendix III Trend Tests - Upgradient Wells - Significant Results

Plant Wansley Client: Southern Company Data: Wansley AP 1 Printed 4/20/2026, 3:52 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Calcium (mg/L)	**WGWA-1 (bg)**	**0.03788**	**190**	**124**	**Yes**	**27**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**WGWA-18 (bg)**	**-1.224**	**-180**	**-124**	**Yes**	**27**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**WGWA-2 (bg)**	**0.05226**	**160**	**124**	**Yes**	**27**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**WGWA-5 (bg)**	**-0.09982**	**-140**	**-98**	**Yes**	**23**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Fluoride (mg/L)	**WGWA-18 (bg)**	**-0.007449**	**-153**	**-146**	**Yes**	**30**	**20**	**n/a**	**n/a**	**0.01**	**NP**
pH, Field (SU)	**WGWA-2 (bg)**	**-0.0258**	**-162**	**-146**	**Yes**	**30**	**0**	**n/a**	**n/a**	**0.01**	**NP**
pH, Field (SU)	**WGWA-3 (bg)**	**-0.02854**	**-179**	**-146**	**Yes**	**30**	**0**	**n/a**	**n/a**	**0.01**	**NP**
pH, Field (SU)	**WGWA-18 (bg)**	**-0.1192**	**-199**	**-146**	**Yes**	**30**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**WGWA-4 (bg)**	**0.2664**	**187**	**124**	**Yes**	**27**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**WGWA-18 (bg)**	**-0.487**	**-150**	**-124**	**Yes**	**27**	**0**	**n/a**	**n/a**	**0.01**	**NP**
TDS (mg/L)	**WGWA-1 (bg)**	**2.578**	**151**	**124**	**Yes**	**27**	**14.81**	**n/a**	**n/a**	**0.01**	**NP**

Appendix III Trend Tests - Upgradient Wells - All Results

Plant Wansley Client: Southern Company Data: Wansley AP 1 Printed 4/20/2026, 3:52 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Boron (mg/L)	WGWA-1 (bg)	0	-13	-118	No	26	96.15	n/a	n/a	0.01	NP
Boron (mg/L)	WGWA-2 (bg)	0	-32	-118	No	26	84.62	n/a	n/a	0.01	NP
Boron (mg/L)	WGWA-3 (bg)	0	0	118	No	26	100	n/a	n/a	0.01	NP
Boron (mg/L)	WGWA-4 (bg)	0	0	118	No	26	100	n/a	n/a	0.01	NP
Boron (mg/L)	WGWA-5 (bg)	0	-17	-92	No	22	95.45	n/a	n/a	0.01	NP
Boron (mg/L)	WGWA-6 (bg)	0	0	118	No	26	100	n/a	n/a	0.01	NP
Boron (mg/L)	WGWA-7 (bg)	0	-13	-118	No	26	96.15	n/a	n/a	0.01	NP
Boron (mg/L)	WGWA-18 (bg)	0	16	118	No	26	92.31	n/a	n/a	0.01	NP
Calcium (mg/L)	**WGWA-1 (bg)**	**0.03788**	**190**	**124**	**Yes**	**27**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	WGWA-2 (bg)	0	-31	-124	No	27	0	n/a	n/a	0.01	NP
Calcium (mg/L)	WGWA-3 (bg)	0	19	124	No	27	0	n/a	n/a	0.01	NP
Calcium (mg/L)	WGWA-4 (bg)	0	47	124	No	27	0	n/a	n/a	0.01	NP
Calcium (mg/L)	WGWA-5 (bg)	-0.03453	-24	-98	No	23	0	n/a	n/a	0.01	NP
Calcium (mg/L)	WGWA-6 (bg)	0.1414	77	124	No	27	0	n/a	n/a	0.01	NP
Calcium (mg/L)	WGWA-7 (bg)	0.02465	43	124	No	27	0	n/a	n/a	0.01	NP
Calcium (mg/L)	**WGWA-18 (bg)**	**-1.224**	**-180**	**-124**	**Yes**	**27**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	WGWA-1 (bg)	0.04181	91	124	No	27	0	n/a	n/a	0.01	NP
Chloride (mg/L)	**WGWA-2 (bg)**	**0.05226**	**160**	**124**	**Yes**	**27**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	WGWA-3 (bg)	0	-4	-124	No	27	0	n/a	n/a	0.01	NP
Chloride (mg/L)	WGWA-4 (bg)	0	8	124	No	27	3.704	n/a	n/a	0.01	NP
Chloride (mg/L)	**WGWA-5 (bg)**	**-0.09982**	**-140**	**-98**	**Yes**	**23**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	WGWA-6 (bg)	0	46	124	No	27	0	n/a	n/a	0.01	NP
Chloride (mg/L)	WGWA-7 (bg)	0	23	124	No	27	0	n/a	n/a	0.01	NP
Chloride (mg/L)	WGWA-18 (bg)	-0.02521	-61	-124	No	27	0	n/a	n/a	0.01	NP
Fluoride (mg/L)	WGWA-1 (bg)	0	-6	-146	No	30	76.67	n/a	n/a	0.01	NP
Fluoride (mg/L)	WGWA-2 (bg)	-0.0002948	-73	-146	No	30	40	n/a	n/a	0.01	NP
Fluoride (mg/L)	WGWA-3 (bg)	0	-26	-146	No	30	66.67	n/a	n/a	0.01	NP
Fluoride (mg/L)	WGWA-4 (bg)	-0.004124	-117	-146	No	30	6.667	n/a	n/a	0.01	NP
Fluoride (mg/L)	WGWA-5 (bg)	0	32	118	No	26	88.46	n/a	n/a	0.01	NP
Fluoride (mg/L)	WGWA-6 (bg)	-0.001167	-46	-146	No	30	13.33	n/a	n/a	0.01	NP
Fluoride (mg/L)	WGWA-7 (bg)	0	-12	-146	No	30	76.67	n/a	n/a	0.01	NP
Fluoride (mg/L)	**WGWA-18 (bg)**	**-0.007449**	**-153**	**-146**	**Yes**	**30**	**20**	**n/a**	**n/a**	**0.01**	**NP**
pH, Field (SU)	WGWA-1 (bg)	-0.01991	-117	-146	No	30	0	n/a	n/a	0.01	NP
pH, Field (SU)	**WGWA-2 (bg)**	**-0.0258**	**-162**	**-146**	**Yes**	**30**	**0**	**n/a**	**n/a**	**0.01**	**NP**
pH, Field (SU)	**WGWA-3 (bg)**	**-0.02854**	**-179**	**-146**	**Yes**	**30**	**0**	**n/a**	**n/a**	**0.01**	**NP**
pH, Field (SU)	WGWA-4 (bg)	0.02969	65	146	No	30	0	n/a	n/a	0.01	NP
pH, Field (SU)	WGWA-5 (bg)	-0.01322	-27	-118	No	26	0	n/a	n/a	0.01	NP
pH, Field (SU)	WGWA-6 (bg)	0.0346	138	139	No	29	0	n/a	n/a	0.01	NP
pH, Field (SU)	WGWA-7 (bg)	-0.02376	-93	-146	No	30	0	n/a	n/a	0.01	NP
pH, Field (SU)	**WGWA-18 (bg)**	**-0.1192**	**-199**	**-146**	**Yes**	**30**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	WGWA-1 (bg)	0	-3	-124	No	27	92.59	n/a	n/a	0.01	NP
Sulfate (mg/L)	WGWA-2 (bg)	-0.01934	-44	-124	No	27	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	WGWA-3 (bg)	-0.005794	-24	-124	No	27	11.11	n/a	n/a	0.01	NP
Sulfate (mg/L)	**WGWA-4 (bg)**	**0.2664**	**187**	**124**	**Yes**	**27**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	WGWA-5 (bg)	0.028	28	98	No	23	21.74	n/a	n/a	0.01	NP
Sulfate (mg/L)	WGWA-6 (bg)	-0.1017	-92	-124	No	27	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	WGWA-7 (bg)	0	-36	-124	No	27	70.37	n/a	n/a	0.01	NP
Sulfate (mg/L)	**WGWA-18 (bg)**	**-0.487**	**-150**	**-124**	**Yes**	**27**	**0**	**n/a**	**n/a**	**0.01**	**NP**
TDS (mg/L)	**WGWA-1 (bg)**	**2.578**	**151**	**124**	**Yes**	**27**	**14.81**	**n/a**	**n/a**	**0.01**	**NP**
TDS (mg/L)	WGWA-2 (bg)	2.826	89	124	No	27	0	n/a	n/a	0.01	NP
TDS (mg/L)	WGWA-3 (bg)	1.568	123	124	No	27	3.704	n/a	n/a	0.01	NP
TDS (mg/L)	WGWA-4 (bg)	0.4828	74	124	No	27	0	n/a	n/a	0.01	NP
TDS (mg/L)	WGWA-5 (bg)	2.455	47	98	No	23	13.04	n/a	n/a	0.01	NP
TDS (mg/L)	WGWA-6 (bg)	1.444	79	124	No	27	0	n/a	n/a	0.01	NP
TDS (mg/L)	WGWA-7 (bg)	1.934	91	124	No	27	11.11	n/a	n/a	0.01	NP
TDS (mg/L)	WGWA-18 (bg)	-3.79	-116	-124	No	27	0	n/a	n/a	0.01	NP

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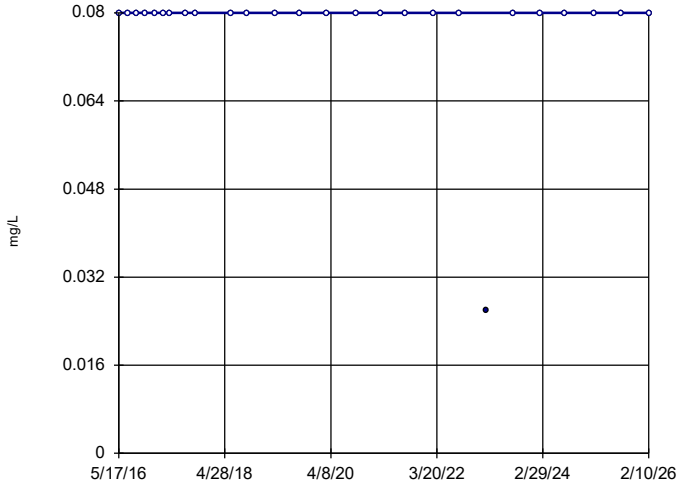
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-1 (bg)



n = 26

Slope = 0
units per year.

Mann-Kendall
statistic = -13
critical = -118

Trend not sig-
nificant at 99%
confidence level
(α = 0.005 per
tail).

Constituent: Boron Analysis Run 4/20/2026 3:50 PM View: Appendix III - Upgradient Wells

Plant Wansley Client: Southern Company Data: Wansley AP 1

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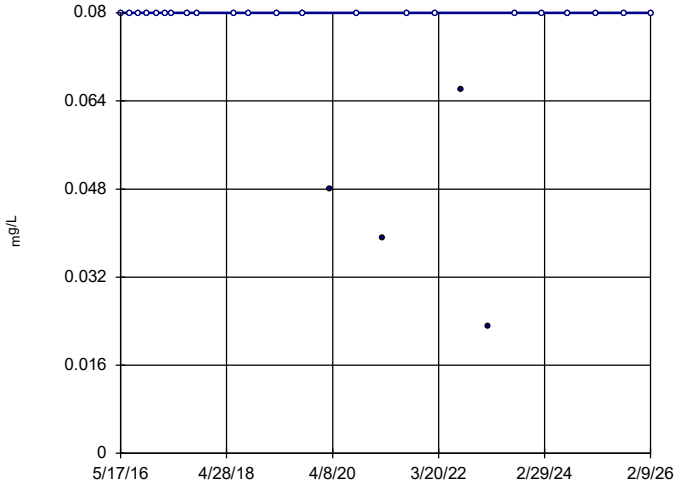
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-2 (bg)



n = 26

Slope = 0
units per year.

Mann-Kendall
statistic = -32
critical = -118

Trend not sig-
nificant at 99%
confidence level
(α = 0.005 per
tail).

Constituent: Boron Analysis Run 4/20/2026 3:50 PM View: Appendix III - Upgradient Wells

Plant Wansley Client: Southern Company Data: Wansley AP 1

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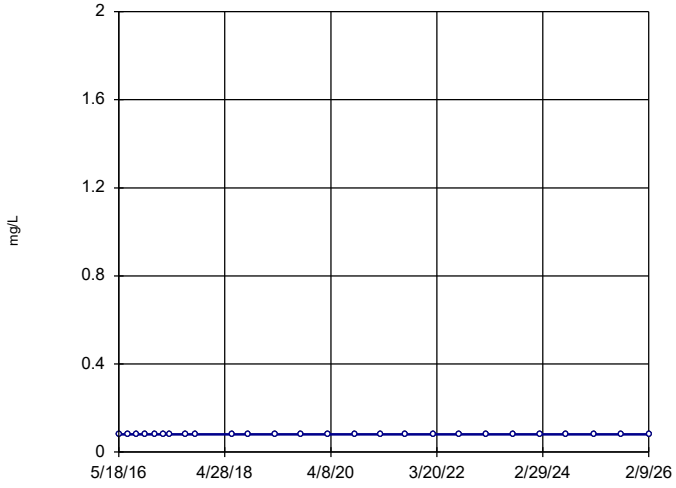
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-3 (bg)



n = 26

Slope = 0
units per year.

Mann-Kendall
statistic = 0
critical = 118

Trend not sig-
nificant at 99%
confidence level
(α = 0.005 per
tail).

Constituent: Boron Analysis Run 4/20/2026 3:50 PM View: Appendix III - Upgradient Wells

Plant Wansley Client: Southern Company Data: Wansley AP 1

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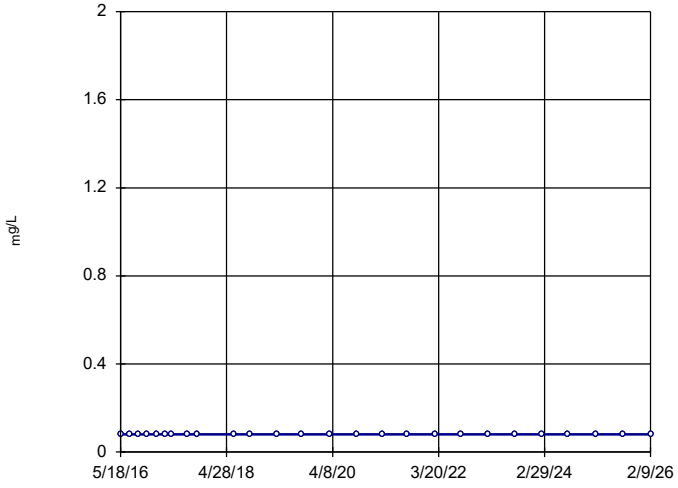
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-4 (bg)



n = 26

Slope = 0
units per year.

Mann-Kendall
statistic = 0
critical = 118

Trend not sig-
nificant at 99%
confidence level
(α = 0.005 per
tail).

Constituent: Boron Analysis Run 4/20/2026 3:50 PM View: Appendix III - Upgradient Wells

Plant Wansley Client: Southern Company Data: Wansley AP 1

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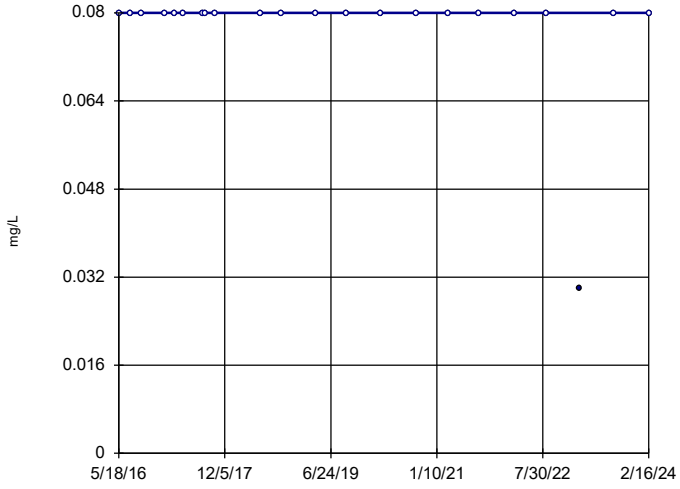
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-5 (bg)



n = 22

Slope = 0
units per year.

Mann-Kendall
statistic = -17
critical = -92

Trend not sig-
nificant at 99%
confidence level
(α = 0.005 per
tail).

Constituent: Boron Analysis Run 4/20/2026 3:50 PM View: Appendix III - Upgradient Wells

Plant Wansley Client: Southern Company Data: Wansley AP 1

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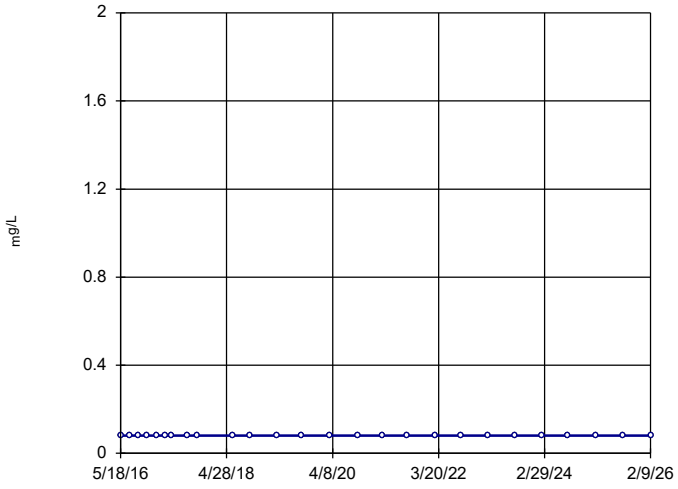
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-6 (bg)



n = 26

Slope = 0
units per year.

Mann-Kendall
statistic = 0
critical = 118

Trend not sig-
nificant at 99%
confidence level
(α = 0.005 per
tail).

Constituent: Boron Analysis Run 4/20/2026 3:50 PM View: Appendix III - Upgradient Wells

Plant Wansley Client: Southern Company Data: Wansley AP 1

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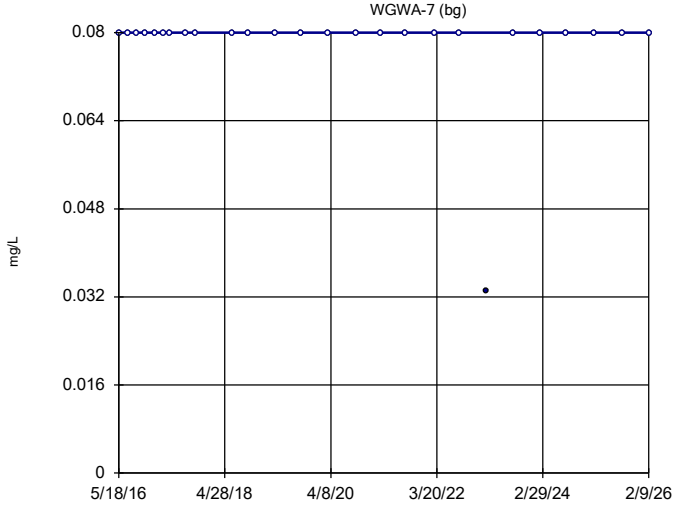
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-7 (bg)



n = 26

Slope = 0
units per year.

Mann-Kendall
statistic = -13
critical = -118

Trend not sig-
nificant at 99%
confidence level
(α = 0.005 per
tail).

Constituent: Boron Analysis Run 4/20/2026 3:50 PM View: Appendix III - Upgradient Wells

Plant Wansley Client: Southern Company Data: Wansley AP 1

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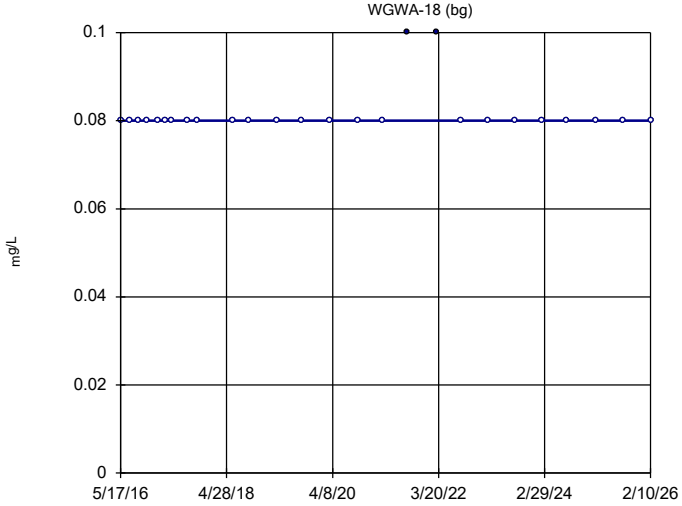
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-18 (bg)



n = 26

Slope = 0
units per year.

Mann-Kendall
statistic = 16
critical = 118

Trend not sig-
nificant at 99%
confidence level
(α = 0.005 per
tail).

Constituent: Boron Analysis Run 4/20/2026 3:50 PM View: Appendix III - Upgradient Wells

Plant Wansley Client: Southern Company Data: Wansley AP 1

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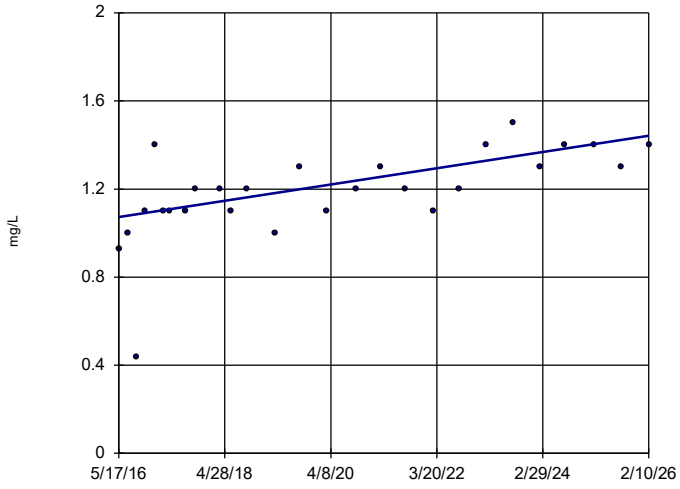
Sen's Slope Estimator

WGWA-1 (bg)



n = 27

Slope = 0.03788 units per year.

Mann-Kendall statistic = 190 critical = 124

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 4/20/2026 3:50 PM View: Appendix III - Upgradient Wells

Plant Wansley Client: Southern Company Data: Wansley AP 1

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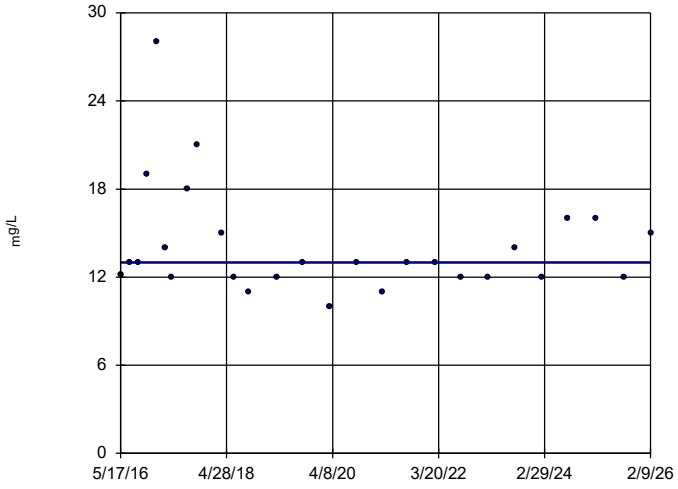
Sen's Slope Estimator

WGWA-2 (bg)



n = 27

Slope = 0 units per year.

Mann-Kendall statistic = -31 critical = -124

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 4/20/2026 3:50 PM View: Appendix III - Upgradient Wells

Plant Wansley Client: Southern Company Data: Wansley AP 1

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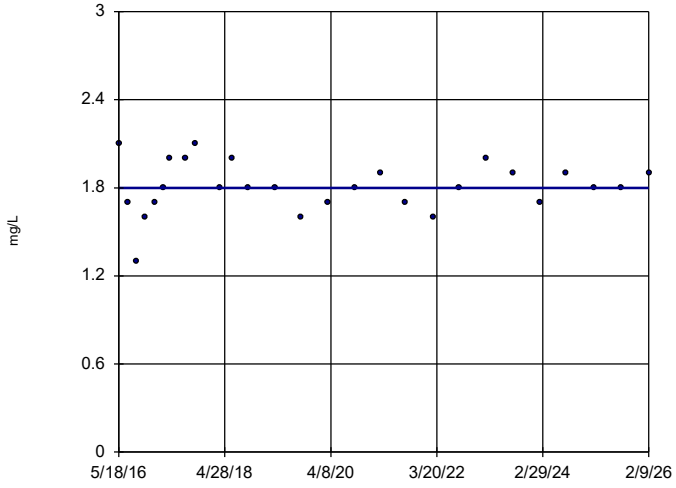
Sen's Slope Estimator

WGWA-3 (bg)



n = 27

Slope = 0 units per year.

Mann-Kendall statistic = 19 critical = 124

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 4/20/2026 3:50 PM View: Appendix III - Upgradient Wells

Plant Wansley Client: Southern Company Data: Wansley AP 1

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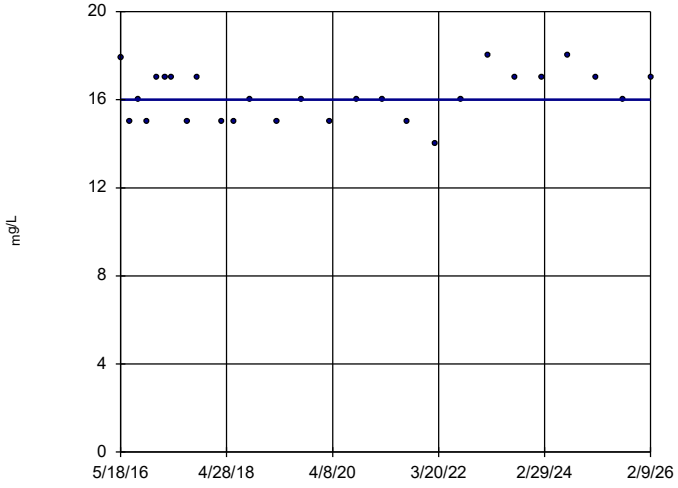
Sen's Slope Estimator

WGWA-4 (bg)



n = 27

Slope = 0 units per year.

Mann-Kendall statistic = 47 critical = 124

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 4/20/2026 3:50 PM View: Appendix III - Upgradient Wells

Plant Wansley Client: Southern Company Data: Wansley AP 1

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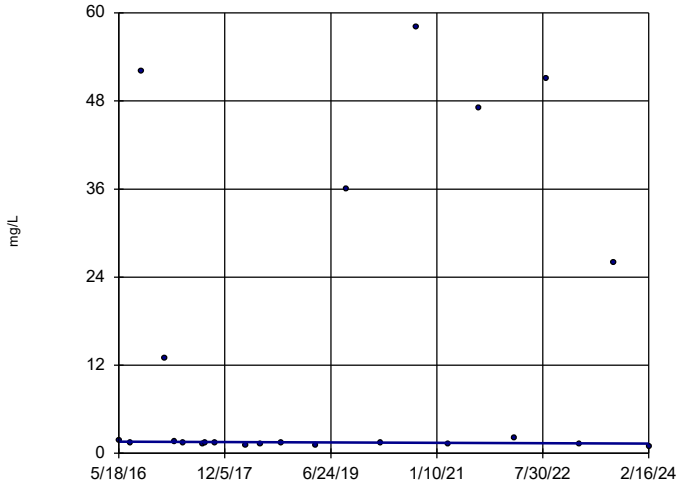
Sen's Slope Estimator

WGWA-5 (bg)



n = 23

Slope = -0.03453 units per year.

Mann-Kendall statistic = -24 critical = -98

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 4/20/2026 3:50 PM View: Appendix III - Upgradient Wells

Plant Wansley Client: Southern Company Data: Wansley AP 1

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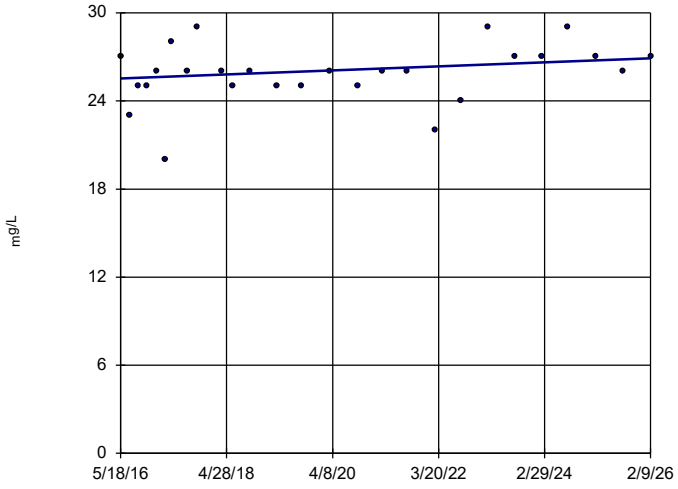
Sen's Slope Estimator

WGWA-6 (bg)



n = 27

Slope = 0.1414 units per year.

Mann-Kendall statistic = 77 critical = 124

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 4/20/2026 3:50 PM View: Appendix III - Upgradient Wells

Plant Wansley Client: Southern Company Data: Wansley AP 1

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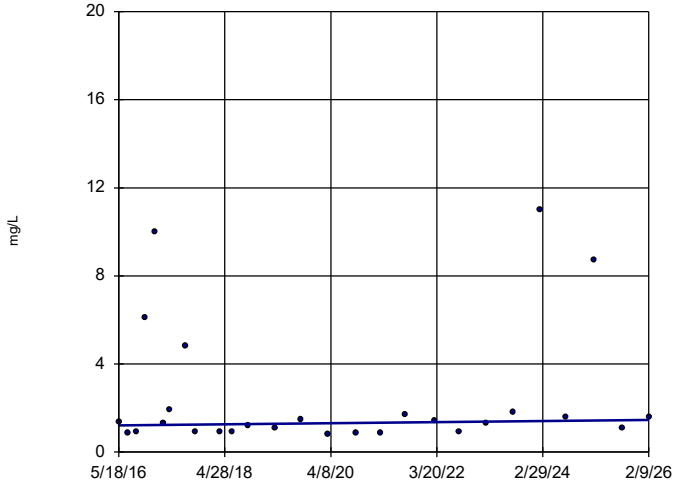
Sen's Slope Estimator

WGWA-7 (bg)



n = 27

Slope = 0.02465 units per year.

Mann-Kendall statistic = 43 critical = 124

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 4/20/2026 3:50 PM View: Appendix III - Upgradient Wells

Plant Wansley Client: Southern Company Data: Wansley AP 1

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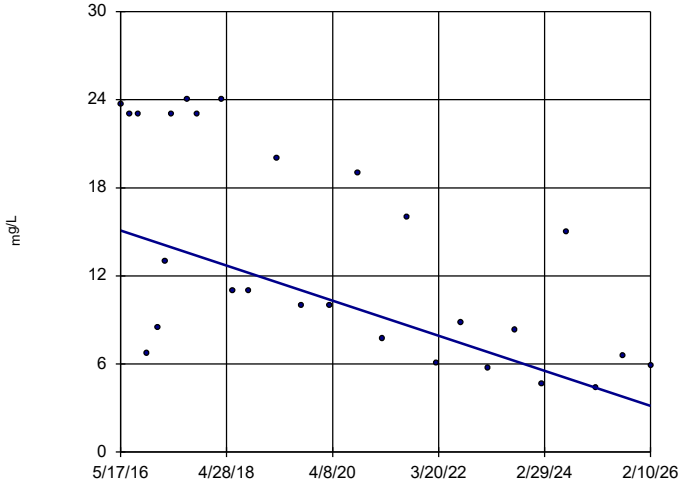
Sen's Slope Estimator

WGWA-18 (bg)



n = 27

Slope = -1.224 units per year.

Mann-Kendall statistic = -180 critical = -124

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 4/20/2026 3:50 PM View: Appendix III - Upgradient Wells

Plant Wansley Client: Southern Company Data: Wansley AP 1

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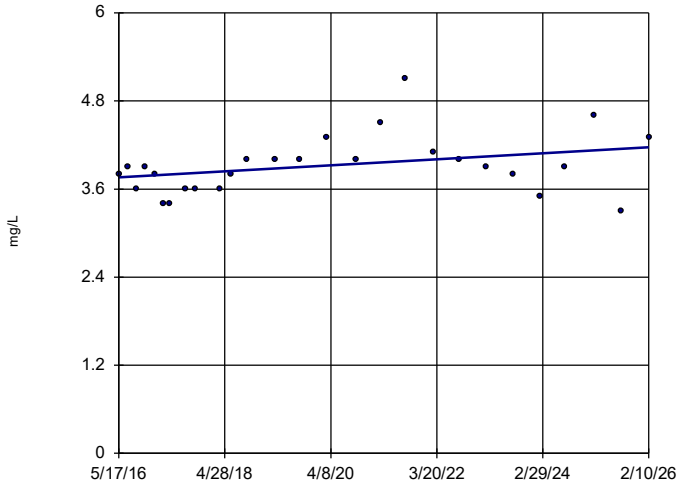
Sen's Slope Estimator

WGWA-1 (bg)



n = 27

Slope = 0.04181 units per year.

Mann-Kendall statistic = 91 critical = 124

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 4/20/2026 3:50 PM View: Appendix III - Upgradient Wells

Plant Wansley Client: Southern Company Data: Wansley AP 1

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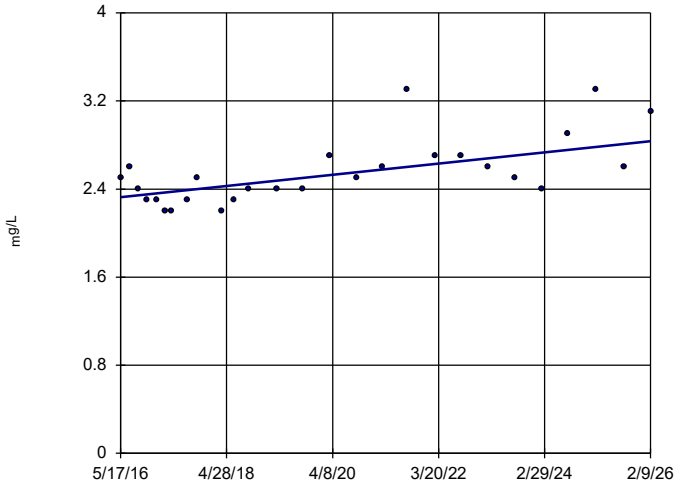
Sen's Slope Estimator

WGWA-2 (bg)



n = 27

Slope = 0.05226 units per year.

Mann-Kendall statistic = 160 critical = 124

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 4/20/2026 3:50 PM View: Appendix III - Upgradient Wells

Plant Wansley Client: Southern Company Data: Wansley AP 1

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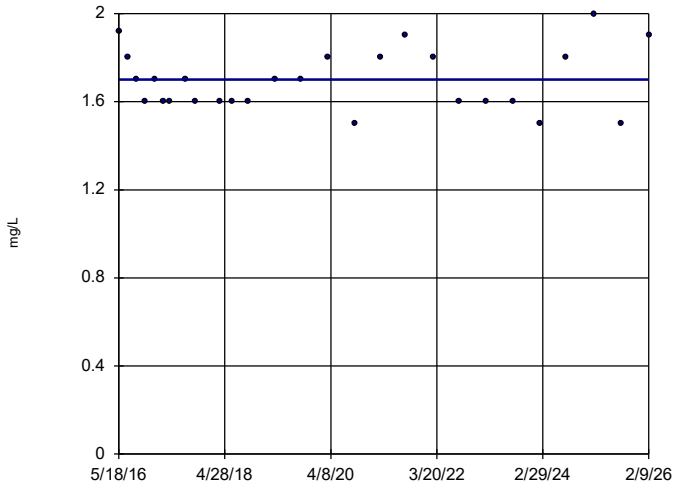
Sen's Slope Estimator

WGWA-3 (bg)



n = 27

Slope = 0 units per year.

Mann-Kendall statistic = -4 critical = -124

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 4/20/2026 3:50 PM View: Appendix III - Upgradient Wells

Plant Wansley Client: Southern Company Data: Wansley AP 1

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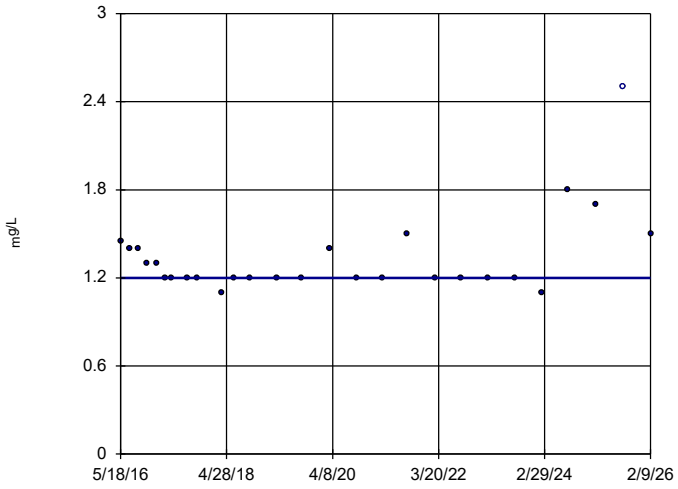
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-4 (bg)



n = 27

Slope = 0 units per year.

Mann-Kendall statistic = 8 critical = 124

Trend not significant at 99% confidence level (α = 0.005 per tail).

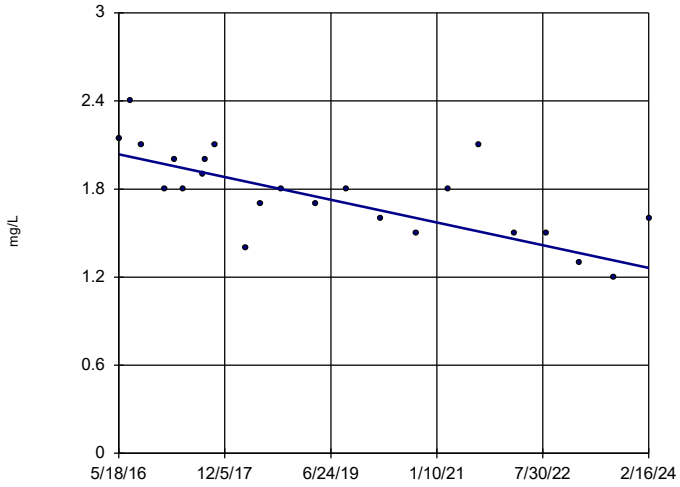
Constituent: Chloride Analysis Run 4/20/2026 3:50 PM View: Appendix III - Upgradient Wells

Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG

Sen's Slope Estimator

WGWA-5 (bg)



n = 23

Slope = -0.09982 units per year.

Mann-Kendall statistic = -140 critical = -98

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

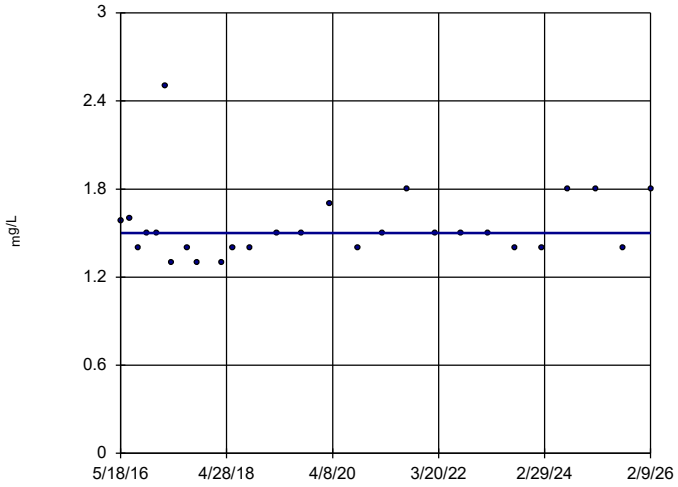
Constituent: Chloride Analysis Run 4/20/2026 3:50 PM View: Appendix III - Upgradient Wells

Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG

Sen's Slope Estimator

WGWA-6 (bg)



n = 27

Slope = 0 units per year.

Mann-Kendall statistic = 46 critical = 124

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 4/20/2026 3:50 PM View: Appendix III - Upgradient Wells

Plant Wansley Client: Southern Company Data: Wansley AP 1

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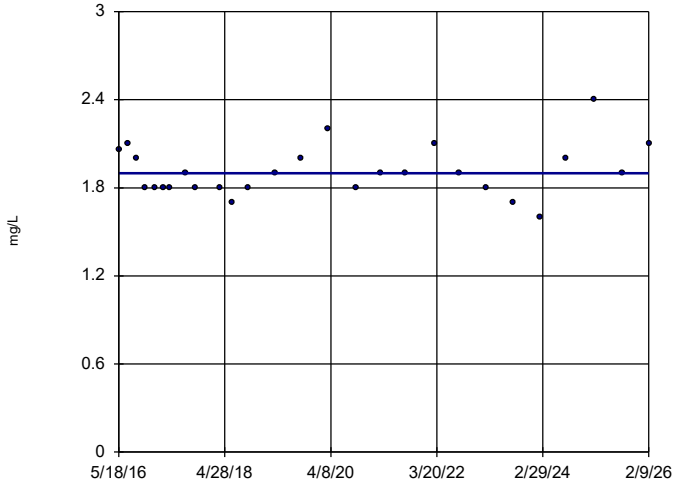
Sen's Slope Estimator

WGWA-7 (bg)



n = 27

Slope = 0 units per year.

Mann-Kendall statistic = 23 critical = 124

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 4/20/2026 3:50 PM View: Appendix III - Upgradient Wells

Plant Wansley Client: Southern Company Data: Wansley AP 1

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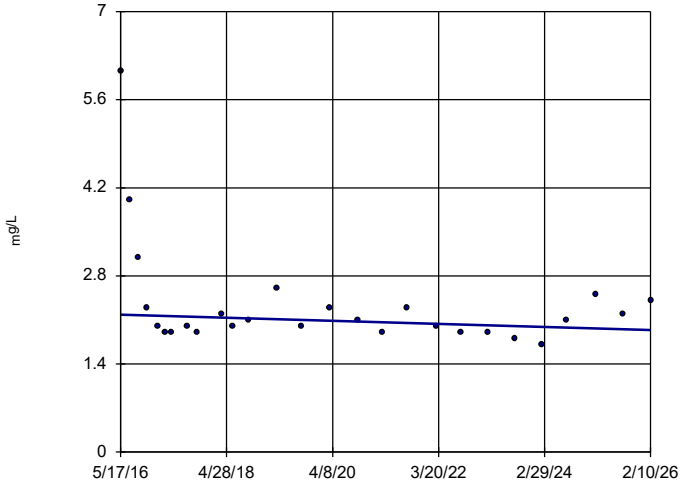
Sen's Slope Estimator

WGWA-18 (bg)



n = 27

Slope = -0.02521 units per year.

Mann-Kendall statistic = -61 critical = -124

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 4/20/2026 3:50 PM View: Appendix III - Upgradient Wells

Plant Wansley Client: Southern Company Data: Wansley AP 1

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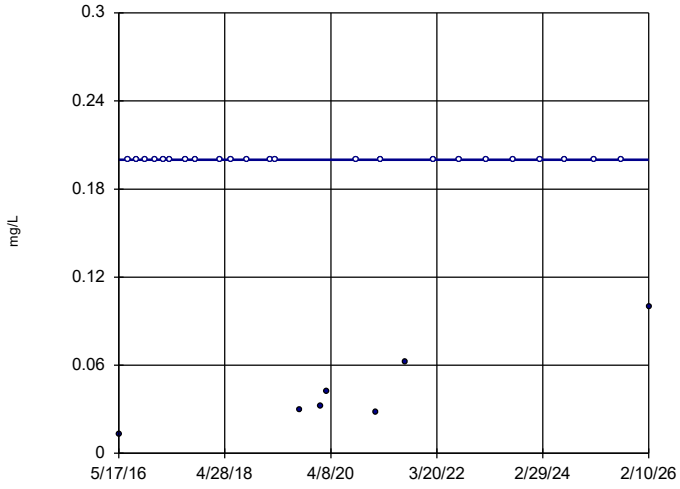
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-1 (bg)



n = 30

Slope = 0
units per year.

Mann-Kendall
statistic = -6
critical = -146

Trend not sig-
nificant at 99%
confidence level
(α = 0.005 per
tail).

Constituent: Fluoride Analysis Run 4/20/2026 3:50 PM View: Appendix III - Upgradient Wells
Plant Wansley Client: Southern Company Data: Wansley AP 1

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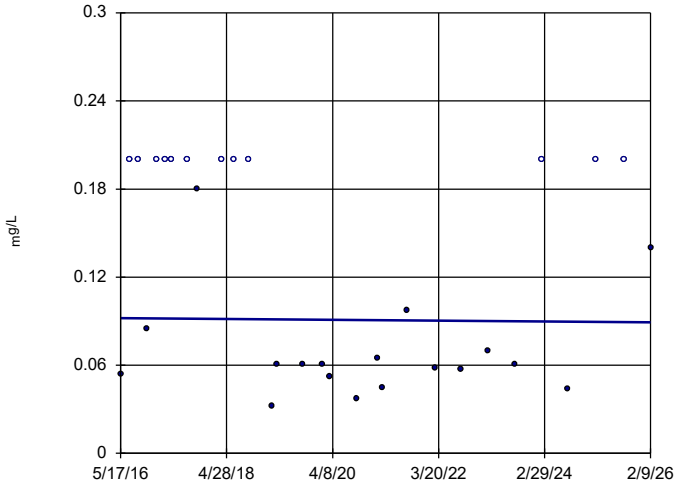
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-2 (bg)



n = 30

Slope = -0.0002948
units per year.

Mann-Kendall
statistic = -73
critical = -146

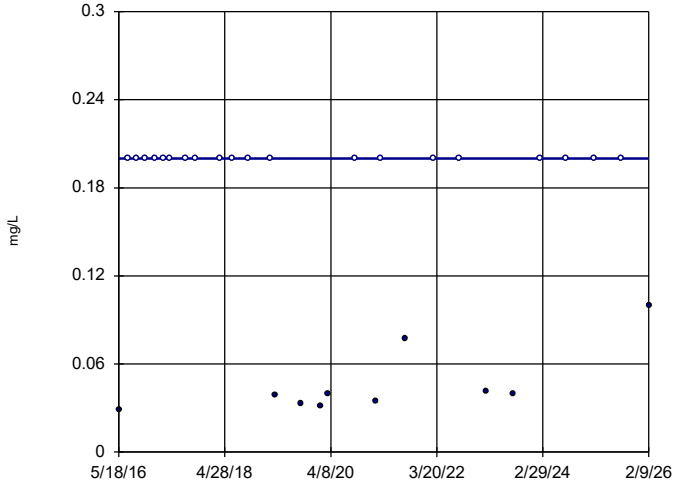
Trend not sig-
nificant at 99%
confidence level
(α = 0.005 per
tail).

Constituent: Fluoride Analysis Run 4/20/2026 3:50 PM View: Appendix III - Upgradient Wells
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-3 (bg)



n = 30

Slope = 0
units per year.

Mann-Kendall
statistic = -26
critical = -146

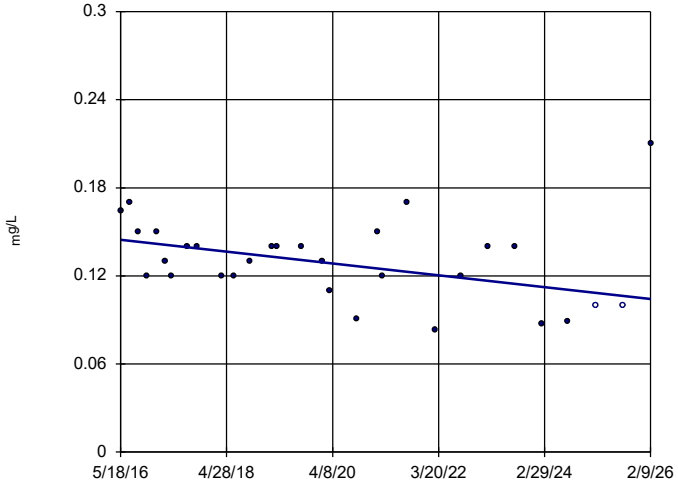
Trend not sig-
nificant at 99%
confidence level
(α = 0.005 per
tail).

Constituent: Fluoride Analysis Run 4/20/2026 3:50 PM View: Appendix III - Upgradient Wells
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-4 (bg)



n = 30

Slope = -0.004124
units per year.

Mann-Kendall
statistic = -117
critical = -146

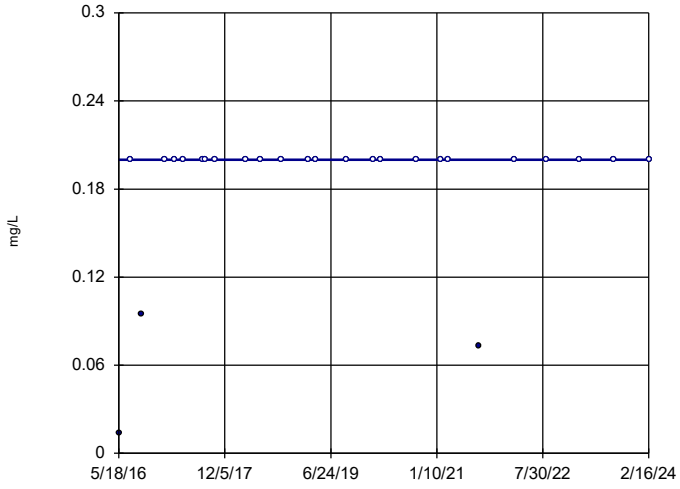
Trend not sig-
nificant at 99%
confidence level
(α = 0.005 per
tail).

Constituent: Fluoride Analysis Run 4/20/2026 3:50 PM View: Appendix III - Upgradient Wells
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-5 (bg)



n = 26

Slope = 0
units per year.

Mann-Kendall
statistic = 32
critical = 118

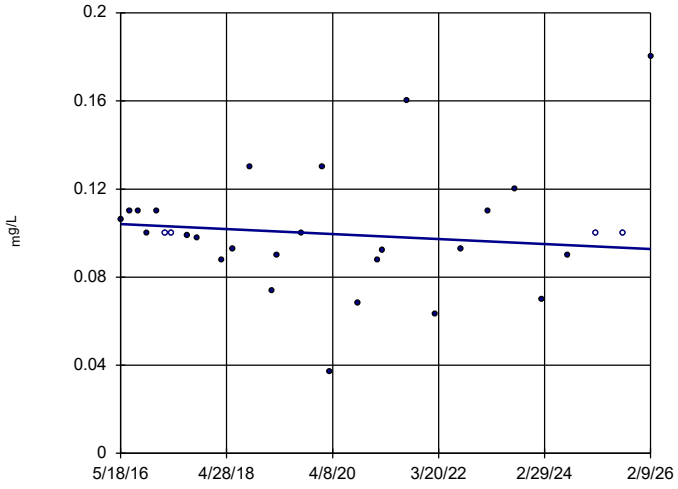
Trend not sig-
nificant at 99%
confidence level
(α = 0.005 per
tail).

Constituent: Fluoride Analysis Run 4/20/2026 3:50 PM View: Appendix III - Upgradient Wells
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-6 (bg)



n = 30

Slope = -0.001167
units per year.

Mann-Kendall
statistic = -46
critical = -146

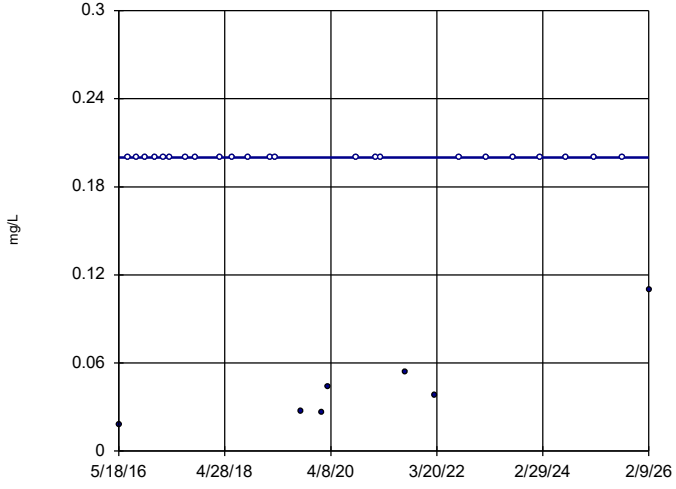
Trend not sig-
nificant at 99%
confidence level
(α = 0.005 per
tail).

Constituent: Fluoride Analysis Run 4/20/2026 3:50 PM View: Appendix III - Upgradient Wells
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-7 (bg)



n = 30

Slope = 0
units per year.

Mann-Kendall
statistic = -12
critical = -146

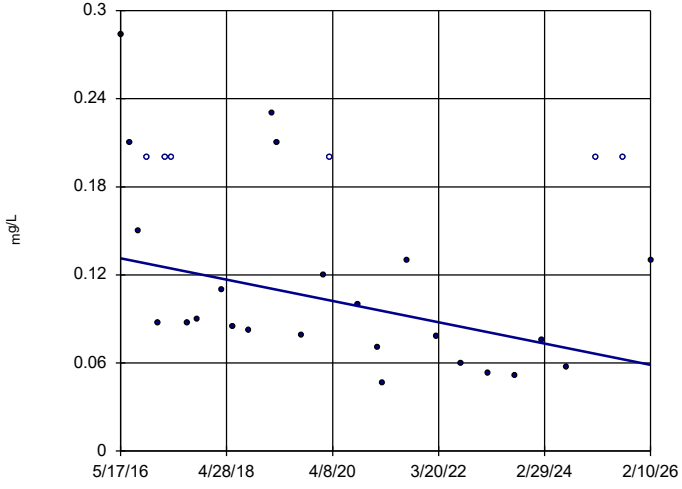
Trend not sig-
nificant at 99%
confidence level
(α = 0.005 per
tail).

Constituent: Fluoride Analysis Run 4/20/2026 3:50 PM View: Appendix III - Upgradient Wells
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-18 (bg)



n = 30

Slope = -0.007449
units per year.

Mann-Kendall
statistic = -153
critical = -146

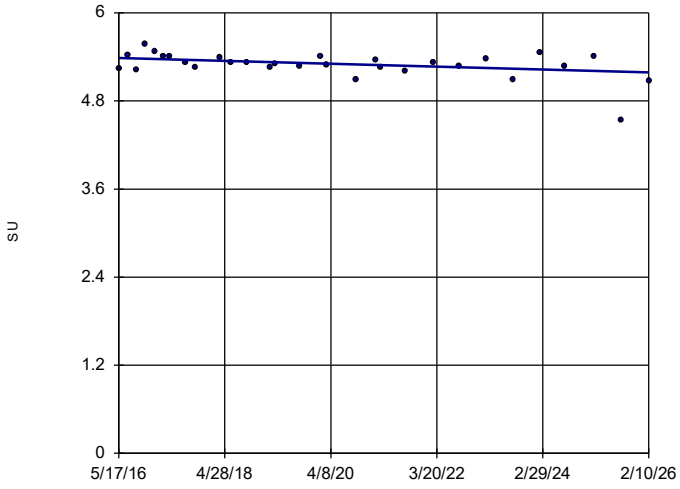
Decreasing trend
significant at 99%
confidence level
(α = 0.005 per
tail).

Constituent: Fluoride Analysis Run 4/20/2026 3:50 PM View: Appendix III - Upgradient Wells
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG

Sen's Slope Estimator

WGWA-1 (bg)



n = 30

Slope = -0.01991 units per year.

Mann-Kendall statistic = -117 critical = -146

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: pH, Field Analysis Run 4/20/2026 3:50 PM View: Appendix III - Upgradient Wells

Plant Wansley Client: Southern Company Data: Wansley AP 1

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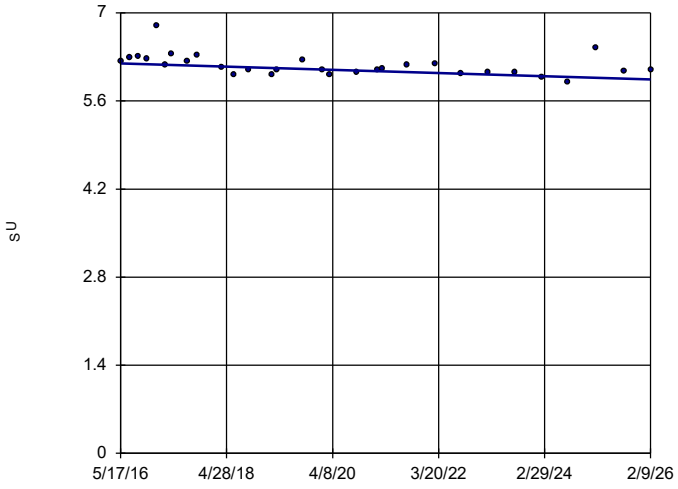
Sen's Slope Estimator

WGWA-2 (bg)



n = 30

Slope = -0.0258 units per year.

Mann-Kendall statistic = -162 critical = -146

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: pH, Field Analysis Run 4/20/2026 3:50 PM View: Appendix III - Upgradient Wells

Plant Wansley Client: Southern Company Data: Wansley AP 1

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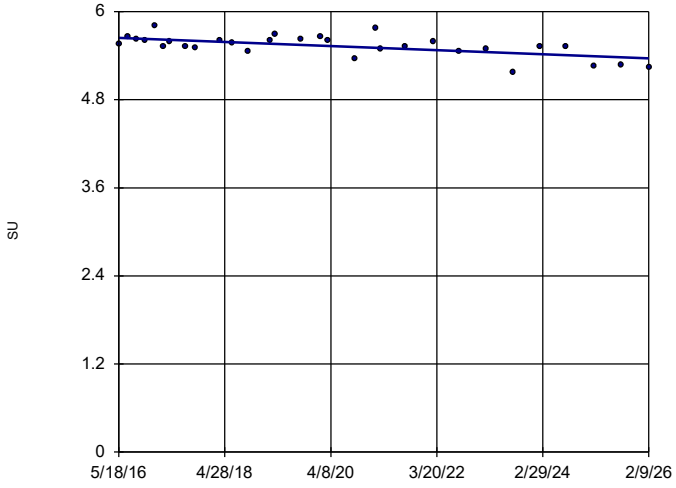
Sen's Slope Estimator

WGWA-3 (bg)



n = 30

Slope = -0.02854 units per year.

Mann-Kendall statistic = -179 critical = -146

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

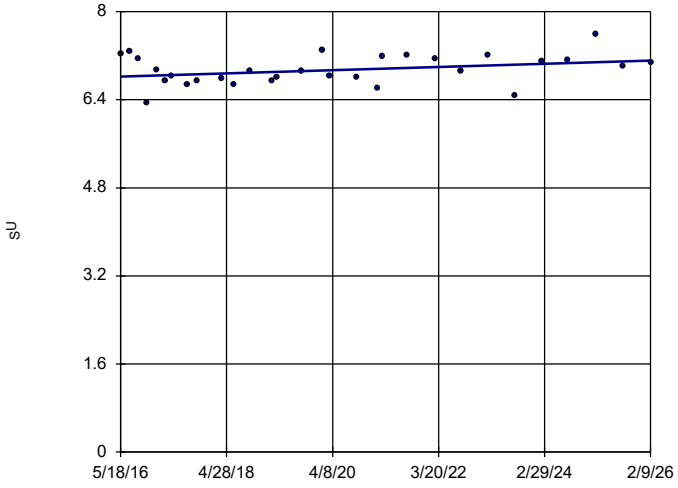
Constituent: pH, Field Analysis Run 4/20/2026 3:50 PM View: Appendix III - Upgradient Wells

Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG

Sen's Slope Estimator

WGWA-4 (bg)



n = 30

Slope = 0.02969 units per year.

Mann-Kendall statistic = 65 critical = 146

Trend not significant at 99% confidence level (α = 0.005 per tail).

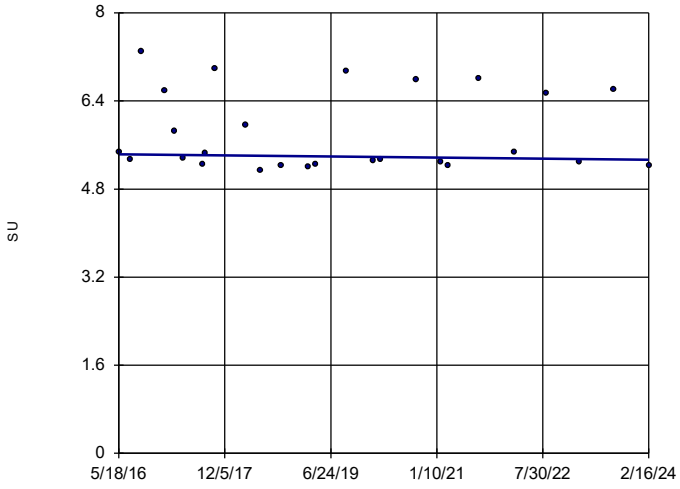
Constituent: pH, Field Analysis Run 4/20/2026 3:50 PM View: Appendix III - Upgradient Wells

Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG

Sen's Slope Estimator

WGWA-5 (bg)



n = 26

Slope = -0.01322 units per year.

Mann-Kendall statistic = -27 critical = -118

Trend not significant at 99% confidence level (α = 0.005 per tail).

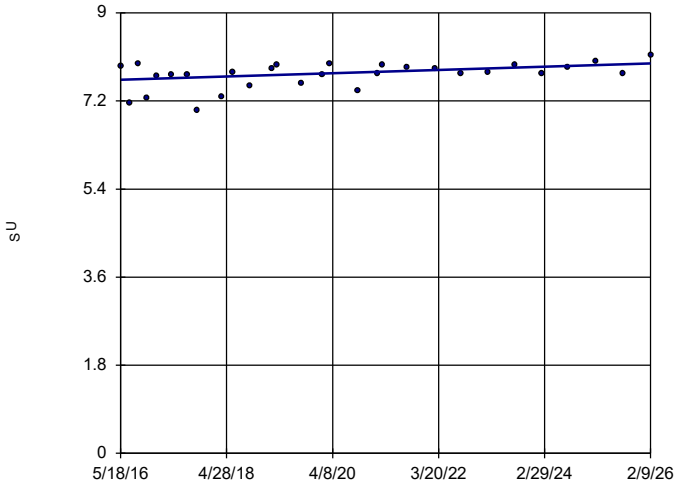
Constituent: pH, Field Analysis Run 4/20/2026 3:50 PM View: Appendix III - Upgradient Wells

Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG

Sen's Slope Estimator

WGWA-6 (bg)



n = 29

Slope = 0.0346 units per year.

Mann-Kendall statistic = 138 critical = 139

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: pH, Field Analysis Run 4/20/2026 3:50 PM View: Appendix III - Upgradient Wells

Plant Wansley Client: Southern Company Data: Wansley AP 1

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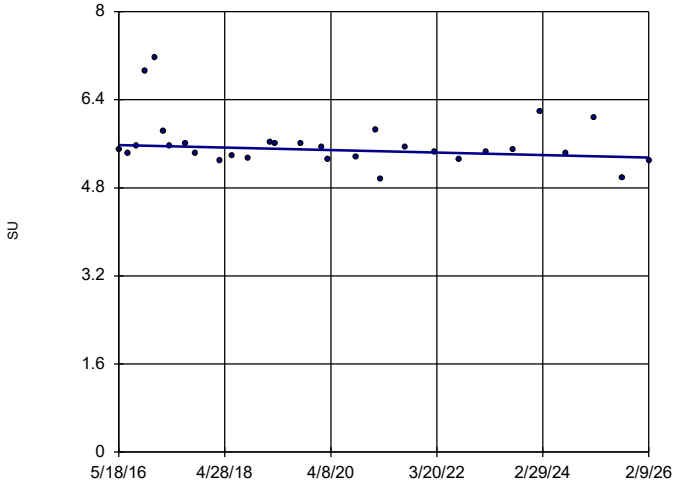
Sen's Slope Estimator

WGWA-7 (bg)



n = 30

Slope = -0.02376 units per year.

Mann-Kendall statistic = -93 critical = -146

Trend not significant at 99% confidence level (α = 0.005 per tail).

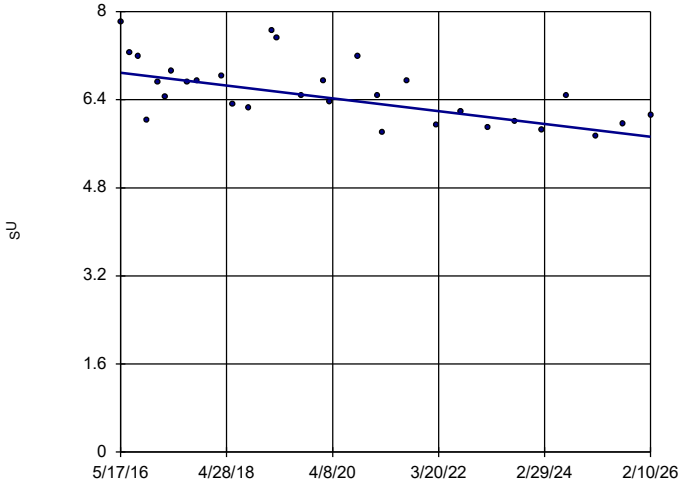
Constituent: pH, Field Analysis Run 4/20/2026 3:50 PM View: Appendix III - Upgradient Wells

Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG

Sen's Slope Estimator

WGWA-18 (bg)



n = 30

Slope = -0.1192 units per year.

Mann-Kendall statistic = -199 critical = -146

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

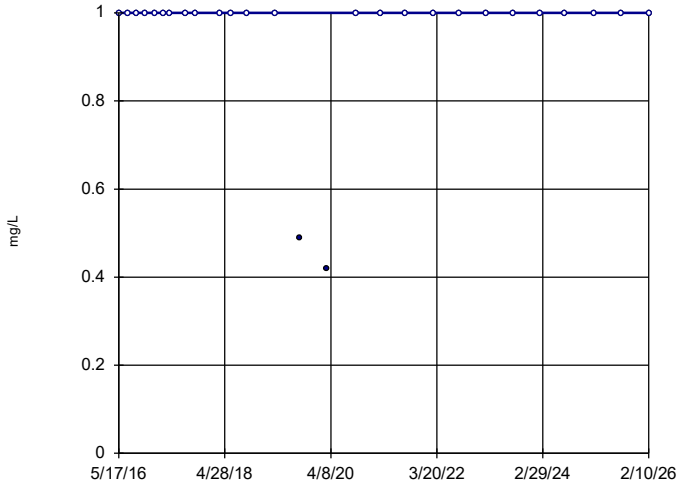
Constituent: pH, Field Analysis Run 4/20/2026 3:50 PM View: Appendix III - Upgradient Wells

Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-1 (bg)



n = 27

Slope = 0
units per year.

Mann-Kendall
statistic = -3
critical = -124

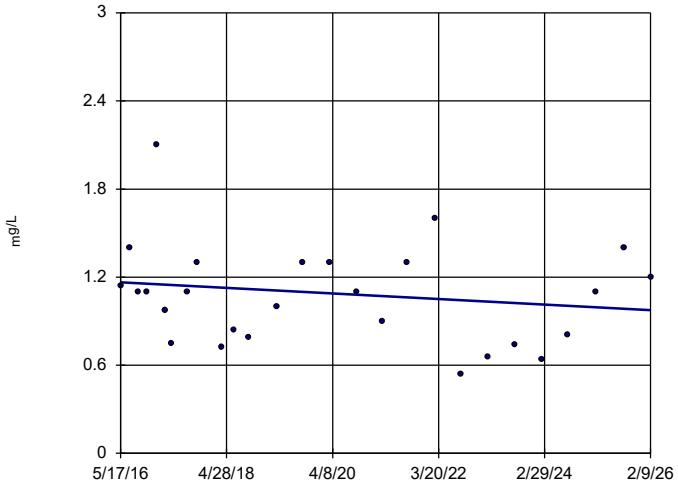
Trend not sig-
nificant at 99%
confidence level
(α = 0.005 per
tail).

Constituent: Sulfate Analysis Run 4/20/2026 3:50 PM View: Appendix III - Upgradient Wells
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG

Sen's Slope Estimator

WGWA-2 (bg)



n = 27

Slope = -0.01934
units per year.

Mann-Kendall
statistic = -44
critical = -124

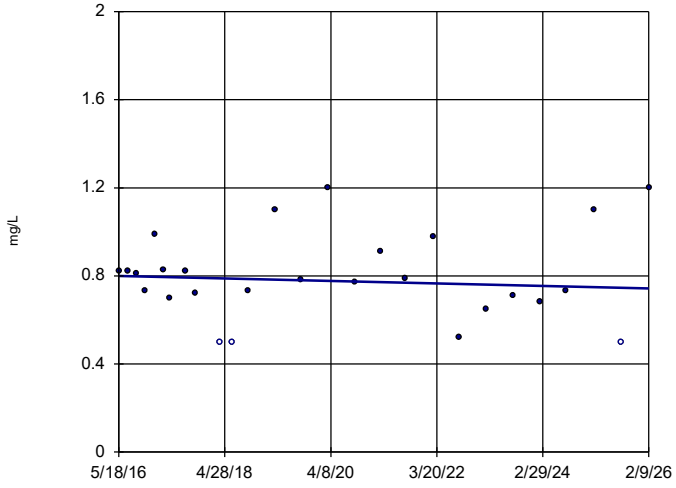
Trend not sig-
nificant at 99%
confidence level
(α = 0.005 per
tail).

Constituent: Sulfate Analysis Run 4/20/2026 3:50 PM View: Appendix III - Upgradient Wells
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-3 (bg)



n = 27

Slope = -0.005794
units per year.

Mann-Kendall
statistic = -24
critical = -124

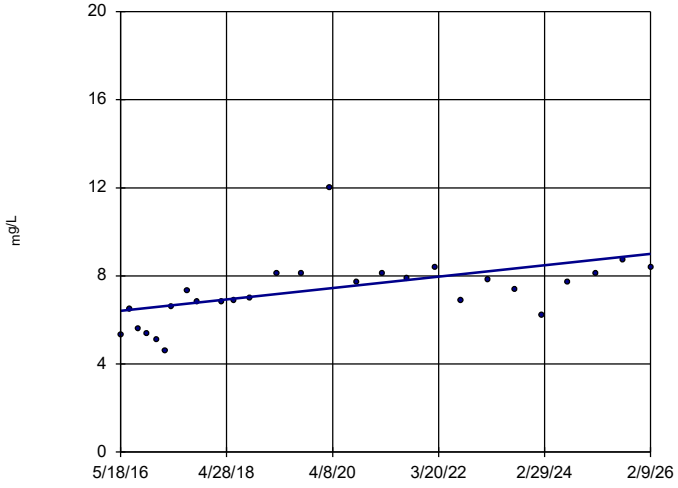
Trend not sig-
nificant at 99%
confidence level
(α = 0.005 per
tail).

Constituent: Sulfate Analysis Run 4/20/2026 3:50 PM View: Appendix III - Upgradient Wells
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG

Sen's Slope Estimator

WGWA-4 (bg)



n = 27

Slope = 0.2664
units per year.

Mann-Kendall
statistic = 187
critical = 124

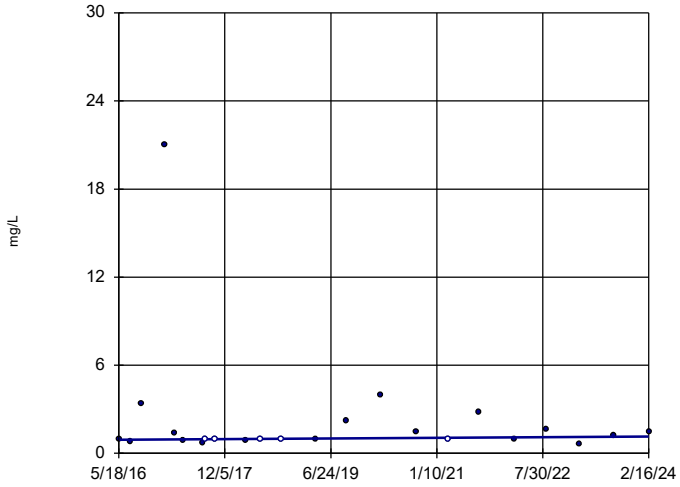
Increasing trend
significant at 99%
confidence level
(α = 0.005 per
tail).

Constituent: Sulfate Analysis Run 4/20/2026 3:50 PM View: Appendix III - Upgradient Wells
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-5 (bg)



n = 23

Slope = 0.028 units per year.

Mann-Kendall statistic = 28 critical = 98

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 4/20/2026 3:50 PM View: Appendix III - Upgradient Wells

Plant Wansley Client: Southern Company Data: Wansley AP 1

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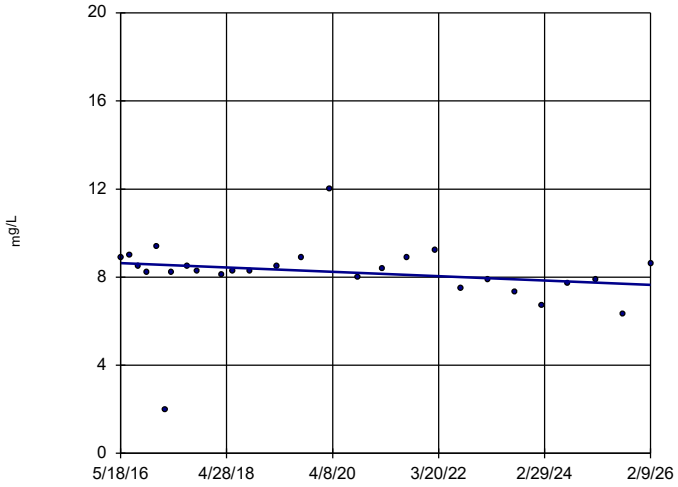
Sen's Slope Estimator

WGWA-6 (bg)



n = 27

Slope = -0.1017 units per year.

Mann-Kendall statistic = -92 critical = -124

Trend not significant at 99% confidence level (α = 0.005 per tail).

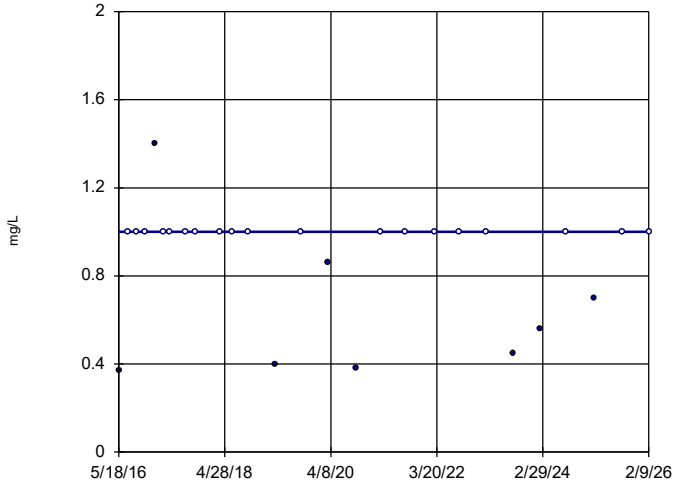
Constituent: Sulfate Analysis Run 4/20/2026 3:50 PM View: Appendix III - Upgradient Wells

Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-7 (bg)



n = 27

Slope = 0 units per year.

Mann-Kendall statistic = -36 critical = -124

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 4/20/2026 3:50 PM View: Appendix III - Upgradient Wells

Plant Wansley Client: Southern Company Data: Wansley AP 1

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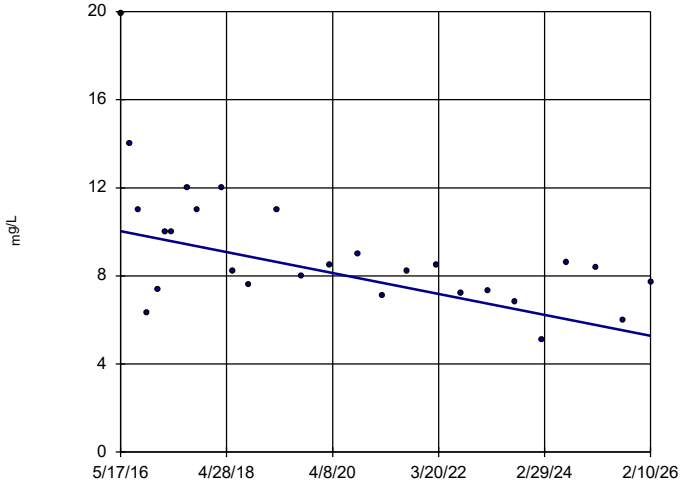
Sen's Slope Estimator

WGWA-18 (bg)



n = 27

Slope = -0.487 units per year.

Mann-Kendall statistic = -150 critical = -124

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 4/20/2026 3:50 PM View: Appendix III - Upgradient Wells

Plant Wansley Client: Southern Company Data: Wansley AP 1

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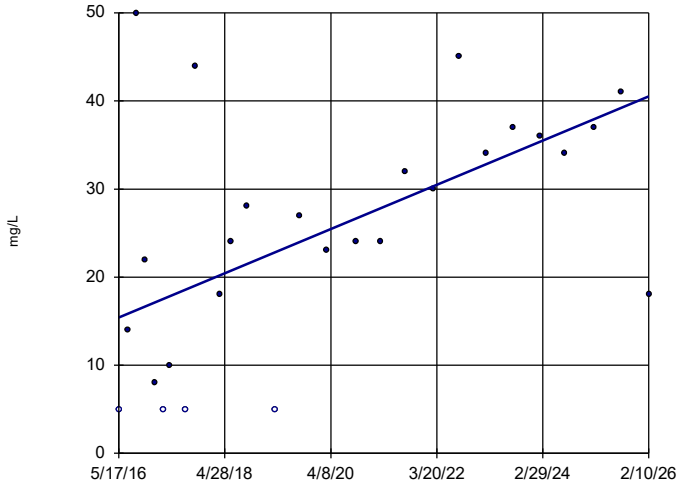
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-1 (bg)



n = 27

Slope = 2.578 units per year.

Mann-Kendall statistic = 151 critical = 124

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: TDS Analysis Run 4/20/2026 3:50 PM View: Appendix III - Upgradient Wells

Plant Wansley Client: Southern Company Data: Wansley AP 1

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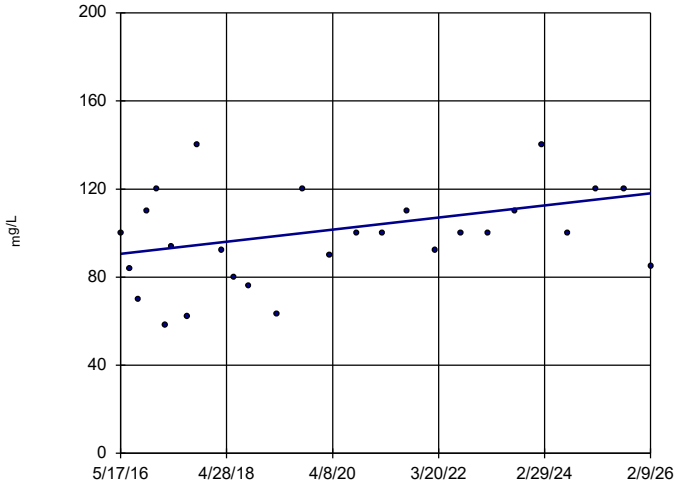
Sen's Slope Estimator

WGWA-2 (bg)



n = 27

Slope = 2.826 units per year.

Mann-Kendall statistic = 89 critical = 124

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: TDS Analysis Run 4/20/2026 3:50 PM View: Appendix III - Upgradient Wells

Plant Wansley Client: Southern Company Data: Wansley AP 1

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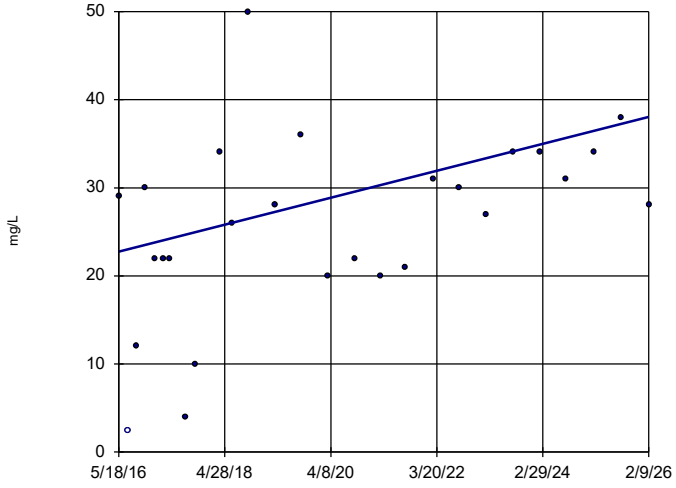
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-3 (bg)



n = 27

Slope = 1.568 units per year.

Mann-Kendall statistic = 123 critical = 124

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: TDS Analysis Run 4/20/2026 3:50 PM View: Appendix III - Upgradient Wells

Plant Wansley Client: Southern Company Data: Wansley AP 1

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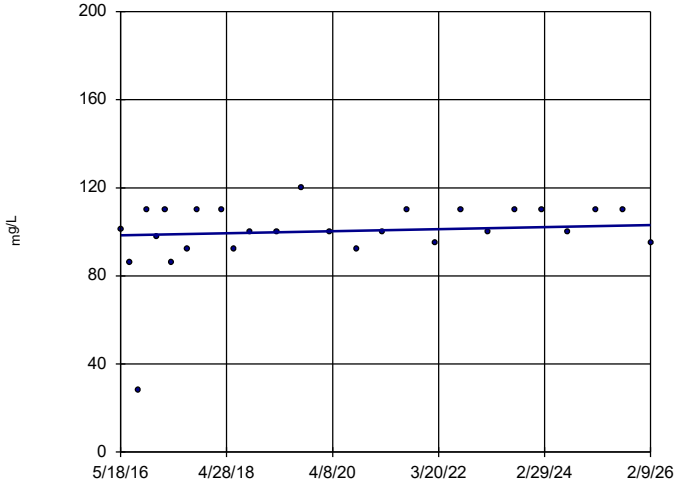
Sen's Slope Estimator

WGWA-4 (bg)



n = 27

Slope = 0.4828 units per year.

Mann-Kendall statistic = 74 critical = 124

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: TDS Analysis Run 4/20/2026 3:50 PM View: Appendix III - Upgradient Wells

Plant Wansley Client: Southern Company Data: Wansley AP 1

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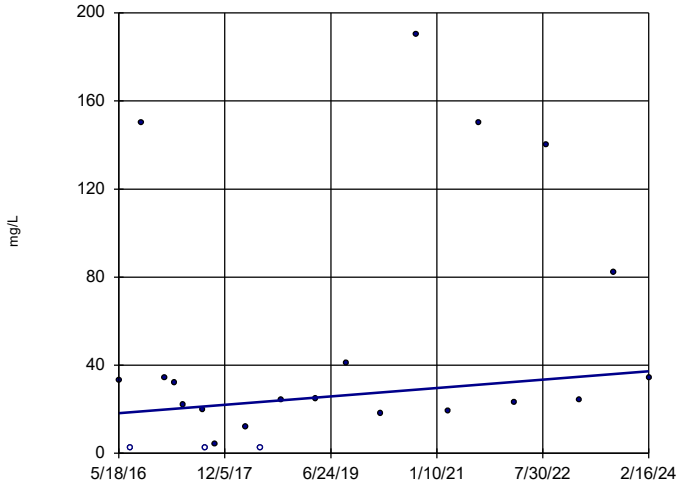
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-5 (bg)



n = 23

Slope = 2.455 units per year.

Mann-Kendall statistic = 47 critical = 98

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: TDS Analysis Run 4/20/2026 3:50 PM View: Appendix III - Upgradient Wells

Plant Wansley Client: Southern Company Data: Wansley AP 1

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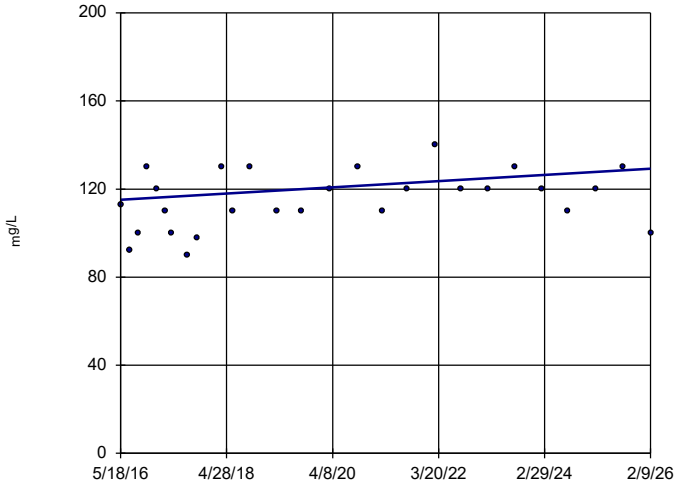
Sen's Slope Estimator

WGWA-6 (bg)



n = 27

Slope = 1.444 units per year.

Mann-Kendall statistic = 79 critical = 124

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: TDS Analysis Run 4/20/2026 3:50 PM View: Appendix III - Upgradient Wells

Plant Wansley Client: Southern Company Data: Wansley AP 1

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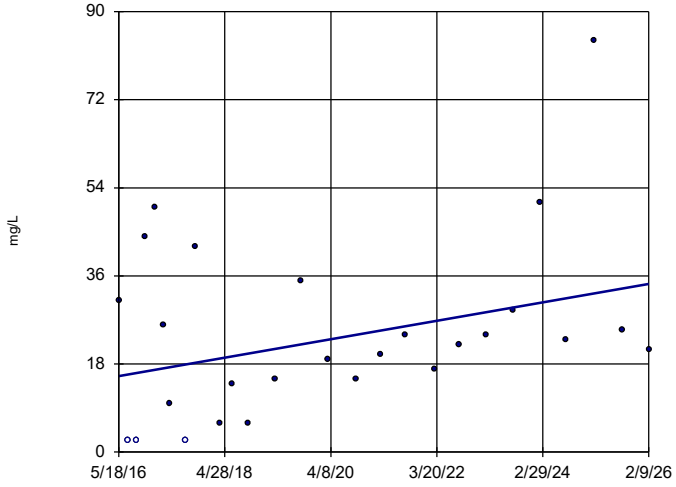
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-7 (bg)



n = 27

Slope = 1.934 units per year.

Mann-Kendall statistic = 91 critical = 124

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: TDS Analysis Run 4/20/2026 3:50 PM View: Appendix III - Upgradient Wells

Plant Wansley Client: Southern Company Data: Wansley AP 1

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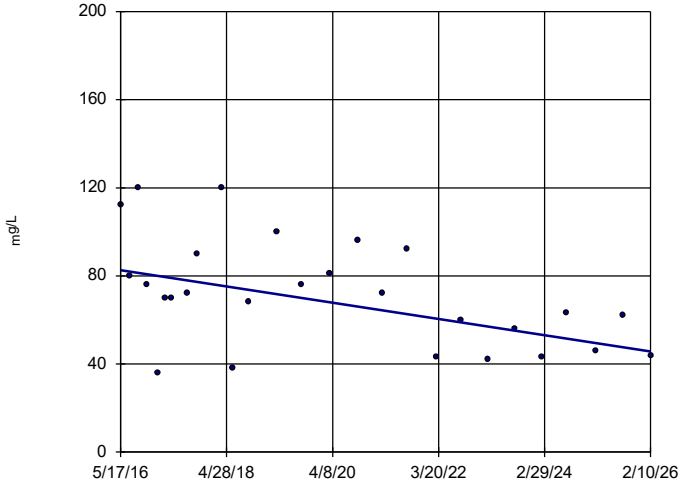
Sen's Slope Estimator

WGWA-18 (bg)



n = 27

Slope = -3.79 units per year.

Mann-Kendall statistic = -116 critical = -124

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: TDS Analysis Run 4/20/2026 3:50 PM View: Appendix III - Upgradient Wells

Plant Wansley Client: Southern Company Data: Wansley AP 1

Appendix IV Trend Tests - Upgradient Wells - Significant Results

Plant Wansley Client: Southern Company Data: Wansley AP 1 Printed 4/22/2026, 1:19 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Barium (mg/L)	**WGWA-1 (bg)**	**0.001037**	**207**	**106**	**Yes**	**29**	**0**	**n/a**	**n/a**	**0.05**	**NP**
Barium (mg/L)	**WGWA-6 (bg)**	**0.0002171**	**155**	**106**	**Yes**	**29**	**0**	**n/a**	**n/a**	**0.05**	**NP**
Cobalt (mg/L)	**WGWA-1 (bg)**	**-0.00006537**	**-269**	**-106**	**Yes**	**29**	**3.448**	**n/a**	**n/a**	**0.05**	**NP**
Cobalt (mg/L)	**WGWA-2 (bg)**	**-0.00007451**	**-211**	**-106**	**Yes**	**29**	**13.79**	**n/a**	**n/a**	**0.05**	**NP**
Cobalt (mg/L)	**WGWA-5 (bg)**	**-0.0002865**	**-116**	**-76**	**Yes**	**23**	**4.348**	**n/a**	**n/a**	**0.05**	**NP**
Cobalt (mg/L)	**WGWA-18 (bg)**	**-0.0002414**	**-176**	**-106**	**Yes**	**29**	**13.79**	**n/a**	**n/a**	**0.05**	**NP**
Combined Radium 226 + 228 (pCi/L)	**WGWA-4 (bg)**	**0.1009**	**180**	**106**	**Yes**	**29**	**0**	**n/a**	**n/a**	**0.05**	**NP**
Combined Radium 226 + 228 (pCi/L)	**WGWA-6 (bg)**	**0.3356**	**194**	**101**	**Yes**	**28**	**0**	**n/a**	**n/a**	**0.05**	**NP**
Combined Radium 226 + 228 (pCi/L)	**WGWA-18 (bg)**	**0.03345**	**131**	**106**	**Yes**	**29**	**0**	**n/a**	**n/a**	**0.05**	**NP**
Fluoride (mg/L)	**WGWA-4 (bg)**	**-0.004124**	**-117**	**-112**	**Yes**	**30**	**6.667**	**n/a**	**n/a**	**0.05**	**NP**
Fluoride (mg/L)	**WGWA-18 (bg)**	**-0.007449**	**-153**	**-112**	**Yes**	**30**	**20**	**n/a**	**n/a**	**0.05**	**NP**

Appendix IV Trend Tests - Upgradient Wells - All Results

Plant Wansley Client: Southern Company Data: Wansley AP 1 Printed 4/22/2026, 1:19 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Antimony (mg/L)	WGWA-1 (bg)	0	7	76	No	23	91.3	n/a	n/a	0.05	NP
Antimony (mg/L)	WGWA-2 (bg)	0	0	76	No	23	100	n/a	n/a	0.05	NP
Antimony (mg/L)	WGWA-3 (bg)	0	0	76	No	23	100	n/a	n/a	0.05	NP
Antimony (mg/L)	WGWA-4 (bg)	0	-8	-76	No	23	95.65	n/a	n/a	0.05	NP
Antimony (mg/L)	WGWA-5 (bg)	0	0	58	No	19	100	n/a	n/a	0.05	NP
Antimony (mg/L)	WGWA-6 (bg)	0	0	76	No	23	100	n/a	n/a	0.05	NP
Antimony (mg/L)	WGWA-7 (bg)	0	0	76	No	23	100	n/a	n/a	0.05	NP
Antimony (mg/L)	WGWA-18 (bg)	0	0	76	No	23	100	n/a	n/a	0.05	NP
Arsenic (mg/L)	WGWA-1 (bg)	0	7	106	No	29	93.1	n/a	n/a	0.05	NP
Arsenic (mg/L)	WGWA-2 (bg)	0	20	106	No	29	82.76	n/a	n/a	0.05	NP
Arsenic (mg/L)	WGWA-3 (bg)	0	37	106	No	29	89.66	n/a	n/a	0.05	NP
Arsenic (mg/L)	WGWA-4 (bg)	0	42	106	No	29	75.86	n/a	n/a	0.05	NP
Arsenic (mg/L)	WGWA-5 (bg)	0	25	85	No	25	92	n/a	n/a	0.05	NP
Arsenic (mg/L)	WGWA-6 (bg)	0	3	106	No	29	89.66	n/a	n/a	0.05	NP
Arsenic (mg/L)	WGWA-7 (bg)	0	9	106	No	29	89.66	n/a	n/a	0.05	NP
Arsenic (mg/L)	WGWA-18 (bg)	0	103	106	No	29	62.07	n/a	n/a	0.05	NP
Barium (mg/L)	**WGWA-1 (bg)**	**0.001037**	**207**	**106**	**Yes**	**29**	**0**	**n/a**	**n/a**	**0.05**	**NP**
Barium (mg/L)	WGWA-2 (bg)	0.0003489	85	106	No	29	0	n/a	n/a	0.05	NP
Barium (mg/L)	WGWA-3 (bg)	0	28	106	No	29	0	n/a	n/a	0.05	NP
Barium (mg/L)	WGWA-4 (bg)	0.00004306	48	106	No	29	0	n/a	n/a	0.05	NP
Barium (mg/L)	WGWA-5 (bg)	0	-15	-85	No	25	0	n/a	n/a	0.05	NP
Barium (mg/L)	**WGWA-6 (bg)**	**0.0002171**	**155**	**106**	**Yes**	**29**	**0**	**n/a**	**n/a**	**0.05**	**NP**
Barium (mg/L)	WGWA-7 (bg)	0	-6	-106	No	29	0	n/a	n/a	0.05	NP
Barium (mg/L)	WGWA-18 (bg)	-0.0003283	-91	-106	No	29	0	n/a	n/a	0.05	NP
Beryllium (mg/L)	WGWA-1 (bg)	0	-9	-106	No	29	89.66	n/a	n/a	0.05	NP
Beryllium (mg/L)	WGWA-2 (bg)	0	-7	-106	No	29	89.66	n/a	n/a	0.05	NP
Beryllium (mg/L)	WGWA-3 (bg)	0	-11	-106	No	29	93.1	n/a	n/a	0.05	NP
Beryllium (mg/L)	WGWA-4 (bg)	0	0	106	No	29	100	n/a	n/a	0.05	NP
Beryllium (mg/L)	WGWA-5 (bg)	0	-2	-85	No	25	96	n/a	n/a	0.05	NP
Beryllium (mg/L)	WGWA-6 (bg)	0	-2	-106	No	29	96.55	n/a	n/a	0.05	NP
Beryllium (mg/L)	WGWA-7 (bg)	0	0	106	No	29	96.55	n/a	n/a	0.05	NP
Beryllium (mg/L)	WGWA-18 (bg)	0	0	106	No	29	100	n/a	n/a	0.05	NP
Cadmium (mg/L)	WGWA-1 (bg)	0	0	96	No	27	100	n/a	n/a	0.05	NP
Cadmium (mg/L)	WGWA-2 (bg)	0	0	96	No	27	100	n/a	n/a	0.05	NP
Cadmium (mg/L)	WGWA-3 (bg)	0	0	96	No	27	100	n/a	n/a	0.05	NP
Cadmium (mg/L)	WGWA-4 (bg)	0	0	96	No	27	100	n/a	n/a	0.05	NP
Cadmium (mg/L)	WGWA-5 (bg)	0	0	76	No	23	100	n/a	n/a	0.05	NP
Cadmium (mg/L)	WGWA-6 (bg)	0	0	96	No	27	100	n/a	n/a	0.05	NP
Cadmium (mg/L)	WGWA-7 (bg)	0	0	96	No	27	100	n/a	n/a	0.05	NP
Cadmium (mg/L)	WGWA-18 (bg)	0	0	96	No	27	100	n/a	n/a	0.05	NP
Chromium (mg/L)	WGWA-1 (bg)	0	-24	-106	No	29	82.76	n/a	n/a	0.05	NP
Chromium (mg/L)	WGWA-2 (bg)	0	2	106	No	29	96.55	n/a	n/a	0.05	NP
Chromium (mg/L)	WGWA-3 (bg)	0	-20	-106	No	29	96.55	n/a	n/a	0.05	NP
Chromium (mg/L)	WGWA-4 (bg)	0	6	106	No	29	96.55	n/a	n/a	0.05	NP
Chromium (mg/L)	WGWA-5 (bg)	0	-20	-85	No	25	96	n/a	n/a	0.05	NP
Chromium (mg/L)	WGWA-6 (bg)	0	6	106	No	29	96.55	n/a	n/a	0.05	NP
Chromium (mg/L)	WGWA-7 (bg)	0	0	101	No	28	100	n/a	n/a	0.05	NP
Chromium (mg/L)	WGWA-18 (bg)	0	17	106	No	29	93.1	n/a	n/a	0.05	NP
Cobalt (mg/L)	**WGWA-1 (bg)**	**-0.00006537**	**-269**	**-106**	**Yes**	**29**	**3.448**	**n/a**	**n/a**	**0.05**	**NP**
Cobalt (mg/L)	**WGWA-2 (bg)**	**-0.00007451**	**-211**	**-106**	**Yes**	**29**	**13.79**	**n/a**	**n/a**	**0.05**	**NP**
Cobalt (mg/L)	WGWA-3 (bg)	0	0	106	No	29	100	n/a	n/a	0.05	NP
Cobalt (mg/L)	WGWA-4 (bg)	0	6	106	No	29	96.55	n/a	n/a	0.05	NP
Cobalt (mg/L)	**WGWA-5 (bg)**	**-0.0002865**	**-116**	**-76**	**Yes**	**23**	**4.348**	**n/a**	**n/a**	**0.05**	**NP**
Cobalt (mg/L)	WGWA-6 (bg)	0	20	106	No	29	86.21	n/a	n/a	0.05	NP
Cobalt (mg/L)	WGWA-7 (bg)	0	-8	-106	No	29	65.52	n/a	n/a	0.05	NP
Cobalt (mg/L)	**WGWA-18 (bg)**	**-0.0002414**	**-176**	**-106**	**Yes**	**29**	**13.79**	**n/a**	**n/a**	**0.05**	**NP**
Combined Radium 226 + 228 (pCi/L)	WGWA-1 (bg)	0.04743	83	101	No	28	0	n/a	n/a	0.05	NP
Combined Radium 226 + 228 (pCi/L)	WGWA-2 (bg)	0.01756	62	106	No	29	0	n/a	n/a	0.05	NP
Combined Radium 226 + 228 (pCi/L)	WGWA-3 (bg)	-0.005232	-10	-106	No	29	0	n/a	n/a	0.05	NP
Combined Radium 226 + 228 (pCi/L)	**WGWA-4 (bg)**	**0.1009**	**180**	**106**	**Yes**	**29**	**0**	**n/a**	**n/a**	**0.05**	**NP**
Combined Radium 226 + 228 (pCi/L)	WGWA-5 (bg)	0.03227	55	85	No	25	0	n/a	n/a	0.05	NP
Combined Radium 226 + 228 (pCi/L)	**WGWA-6 (bg)**	**0.3356**	**194**	**101**	**Yes**	**28**	**0**	**n/a**	**n/a**	**0.05**	**NP**
Combined Radium 226 + 228 (pCi/L)	WGWA-7 (bg)	-0.02227	-46	-106	No	29	0	n/a	n/a	0.05	NP
Combined Radium 226 + 228 (pCi/L)	**WGWA-18 (bg)**	**0.03345**	**131**	**106**	**Yes**	**29**	**0**	**n/a**	**n/a**	**0.05**	**NP**
Fluoride (mg/L)	WGWA-1 (bg)	0	-6	-112	No	30	76.67	n/a	n/a	0.05	NP

Appendix IV Trend Tests - Upgradient Wells - All Results

Plant Wansley Client: Southern Company Data: Wansley AP 1 Printed 4/22/2026, 1:19 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Fluoride (mg/L)	WGWA-2 (bg)	-0.0002948	-73	-112	No	30	40	n/a	n/a	0.05	NP
Fluoride (mg/L)	WGWA-3 (bg)	0	-26	-112	No	30	66.67	n/a	n/a	0.05	NP
Fluoride (mg/L)	**WGWA-4 (bg)**	**-0.004124**	**-117**	**-112**	**Yes**	**30**	**6.667**	**n/a**	**n/a**	**0.05**	**NP**
Fluoride (mg/L)	WGWA-5 (bg)	0	32	90	No	26	88.46	n/a	n/a	0.05	NP
Fluoride (mg/L)	WGWA-6 (bg)	-0.001167	-46	-112	No	30	13.33	n/a	n/a	0.05	NP
Fluoride (mg/L)	WGWA-7 (bg)	0	-12	-112	No	30	76.67	n/a	n/a	0.05	NP
Fluoride (mg/L)	**WGWA-18 (bg)**	**-0.007449**	**-153**	**-112**	**Yes**	**30**	**20**	**n/a**	**n/a**	**0.05**	**NP**
Lead (mg/L)	WGWA-1 (bg)	0	-5	-96	No	27	92.59	n/a	n/a	0.05	NP
Lead (mg/L)	WGWA-2 (bg)	0	-2	-96	No	27	77.78	n/a	n/a	0.05	NP
Lead (mg/L)	WGWA-3 (bg)	0	3	96	No	27	92.59	n/a	n/a	0.05	NP
Lead (mg/L)	WGWA-4 (bg)	0	26	96	No	27	85.19	n/a	n/a	0.05	NP
Lead (mg/L)	WGWA-5 (bg)	0	-9	-76	No	23	86.96	n/a	n/a	0.05	NP
Lead (mg/L)	WGWA-6 (bg)	0	-5	-96	No	27	88.89	n/a	n/a	0.05	NP
Lead (mg/L)	WGWA-7 (bg)	0	0	96	No	27	100	n/a	n/a	0.05	NP
Lead (mg/L)	WGWA-18 (bg)	0	0	96	No	27	100	n/a	n/a	0.05	NP
Lithium (mg/L)	WGWA-1 (bg)	-0.00005109	-58	-101	No	28	35.71	n/a	n/a	0.05	NP
Lithium (mg/L)	WGWA-2 (bg)	0.000006772	13	101	No	28	0	n/a	n/a	0.05	NP
Lithium (mg/L)	WGWA-3 (bg)	0	31	101	No	28	89.29	n/a	n/a	0.05	NP
Lithium (mg/L)	WGWA-4 (bg)	0	8	101	No	28	10.71	n/a	n/a	0.05	NP
Lithium (mg/L)	WGWA-5 (bg)	0	0	76	No	23	95.65	n/a	n/a	0.05	NP
Lithium (mg/L)	WGWA-6 (bg)	0.00003377	27	96	No	27	11.11	n/a	n/a	0.05	NP
Lithium (mg/L)	WGWA-7 (bg)	0	13	101	No	28	96.43	n/a	n/a	0.05	NP
Lithium (mg/L)	WGWA-18 (bg)	0	-8	-101	No	28	82.14	n/a	n/a	0.05	NP
Mercury (mg/L)	WGWA-1 (bg)	0	0	85	No	25	100	n/a	n/a	0.05	NP
Mercury (mg/L)	WGWA-2 (bg)	0	22	85	No	25	96	n/a	n/a	0.05	NP
Mercury (mg/L)	WGWA-3 (bg)	0	43	85	No	25	88	n/a	n/a	0.05	NP
Mercury (mg/L)	WGWA-4 (bg)	0	41	85	No	25	88	n/a	n/a	0.05	NP
Mercury (mg/L)	WGWA-5 (bg)	0	29	66	No	21	85.71	n/a	n/a	0.05	NP
Mercury (mg/L)	WGWA-6 (bg)	0	22	85	No	25	96	n/a	n/a	0.05	NP
Mercury (mg/L)	WGWA-7 (bg)	0	41	85	No	25	92	n/a	n/a	0.05	NP
Mercury (mg/L)	WGWA-18 (bg)	0	35	85	No	25	92	n/a	n/a	0.05	NP
Molybdenum (mg/L)	WGWA-1 (bg)	0	14	106	No	29	96.55	n/a	n/a	0.05	NP
Molybdenum (mg/L)	WGWA-2 (bg)	0	0	106	No	29	100	n/a	n/a	0.05	NP
Molybdenum (mg/L)	WGWA-3 (bg)	0	35	106	No	29	93.1	n/a	n/a	0.05	NP
Molybdenum (mg/L)	WGWA-4 (bg)	0	0	106	No	29	100	n/a	n/a	0.05	NP
Molybdenum (mg/L)	WGWA-5 (bg)	0	-7	-81	No	24	91.67	n/a	n/a	0.05	NP
Molybdenum (mg/L)	WGWA-6 (bg)	0	2	106	No	29	96.55	n/a	n/a	0.05	NP
Molybdenum (mg/L)	WGWA-7 (bg)	0	19	106	No	29	89.66	n/a	n/a	0.05	NP
Molybdenum (mg/L)	WGWA-18 (bg)	0	80	106	No	29	72.41	n/a	n/a	0.05	NP
Selenium (mg/L)	WGWA-1 (bg)	0	25	106	No	29	93.1	n/a	n/a	0.05	NP
Selenium (mg/L)	WGWA-2 (bg)	0	-2	-106	No	29	96.55	n/a	n/a	0.05	NP
Selenium (mg/L)	WGWA-3 (bg)	0	35	106	No	29	93.1	n/a	n/a	0.05	NP
Selenium (mg/L)	WGWA-4 (bg)	0	10	106	No	29	96.55	n/a	n/a	0.05	NP
Selenium (mg/L)	WGWA-5 (bg)	0	6	85	No	25	96	n/a	n/a	0.05	NP
Selenium (mg/L)	WGWA-6 (bg)	0	0	106	No	29	100	n/a	n/a	0.05	NP
Selenium (mg/L)	WGWA-7 (bg)	0	0	106	No	29	100	n/a	n/a	0.05	NP
Selenium (mg/L)	WGWA-18 (bg)	0	33	106	No	29	93.1	n/a	n/a	0.05	NP
Thallium (mg/L)	WGWA-1 (bg)	0	-5	-106	No	29	89.66	n/a	n/a	0.05	NP
Thallium (mg/L)	WGWA-2 (bg)	0	-10	-106	No	29	86.21	n/a	n/a	0.05	NP
Thallium (mg/L)	WGWA-3 (bg)	0	-8	-106	No	29	96.55	n/a	n/a	0.05	NP
Thallium (mg/L)	WGWA-4 (bg)	0	-8	-106	No	29	96.55	n/a	n/a	0.05	NP
Thallium (mg/L)	WGWA-5 (bg)	0	11	85	No	25	92	n/a	n/a	0.05	NP
Thallium (mg/L)	WGWA-6 (bg)	0	2	106	No	29	96.55	n/a	n/a	0.05	NP
Thallium (mg/L)	WGWA-7 (bg)	0	0	106	No	29	96.55	n/a	n/a	0.05	NP
Thallium (mg/L)	WGWA-18 (bg)	0	0	106	No	29	100	n/a	n/a	0.05	NP

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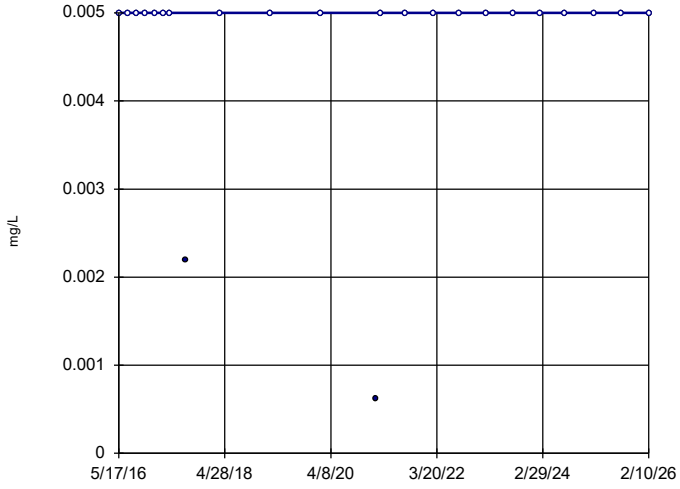
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-1 (bg)



n = 23

Slope = 0
units per year.

Mann-Kendall
statistic = 7
critical = 76

Trend not sig-
nificant at 95%
confidence level
(α = 0.025 per
tail).

Constituent: Antimony Analysis Run 4/22/2026 1:14 PM View: Appendix IV - Upgradient Wells
Plant Wansley Client: Southern Company Data: Wansley AP 1

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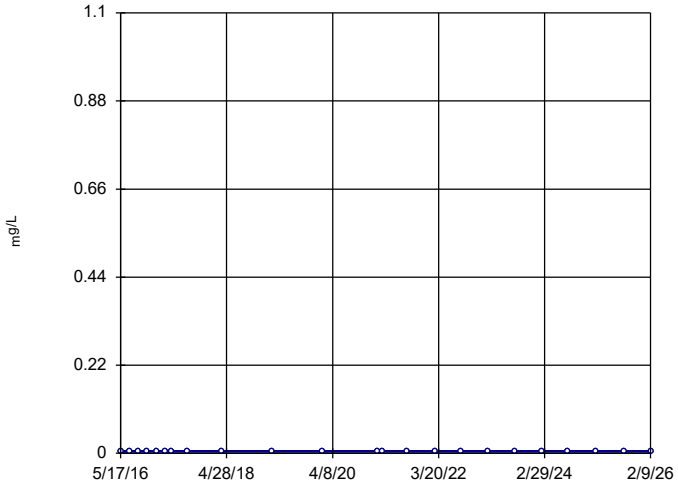
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-2 (bg)



n = 23

Slope = 0
units per year.

Mann-Kendall
statistic = 0
critical = 76

Trend not sig-
nificant at 95%
confidence level
(α = 0.025 per
tail).

Constituent: Antimony Analysis Run 4/22/2026 1:14 PM View: Appendix IV - Upgradient Wells
Plant Wansley Client: Southern Company Data: Wansley AP 1

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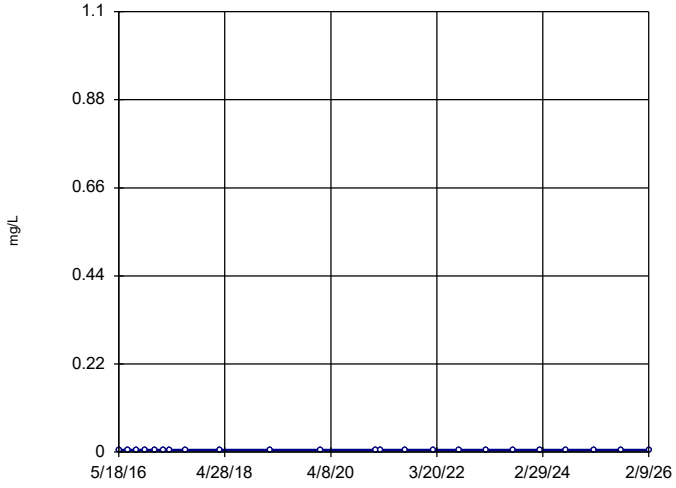
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-3 (bg)



n = 23

Slope = 0
units per year.

Mann-Kendall
statistic = 0
critical = 76

Trend not sig-
nificant at 95%
confidence level
(α = 0.025 per
tail).

Constituent: Antimony Analysis Run 4/22/2026 1:14 PM View: Appendix IV - Upgradient Wells
Plant Wansley Client: Southern Company Data: Wansley AP 1

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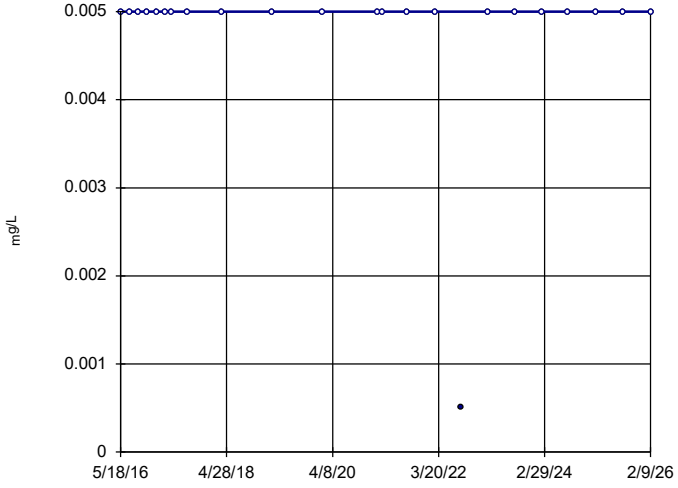
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-4 (bg)



n = 23

Slope = 0
units per year.

Mann-Kendall
statistic = -8
critical = -76

Trend not sig-
nificant at 95%
confidence level
(α = 0.025 per
tail).

Constituent: Antimony Analysis Run 4/22/2026 1:14 PM View: Appendix IV - Upgradient Wells
Plant Wansley Client: Southern Company Data: Wansley AP 1

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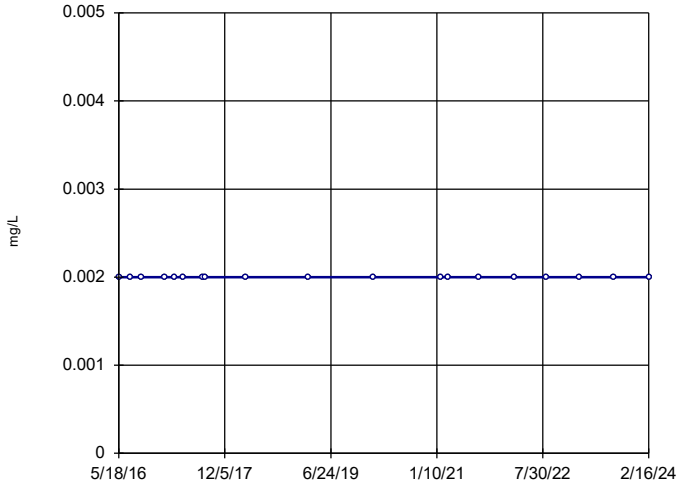
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-5 (bg)



n = 19

Slope = 0
units per year.

Mann-Kendall
statistic = 0
critical = 58

Trend not sig-
nificant at 95%
confidence level
(α = 0.025 per
tail).

Constituent: Antimony Analysis Run 4/22/2026 1:14 PM View: Appendix IV - Upgradient Wells
Plant Wansley Client: Southern Company Data: Wansley AP 1

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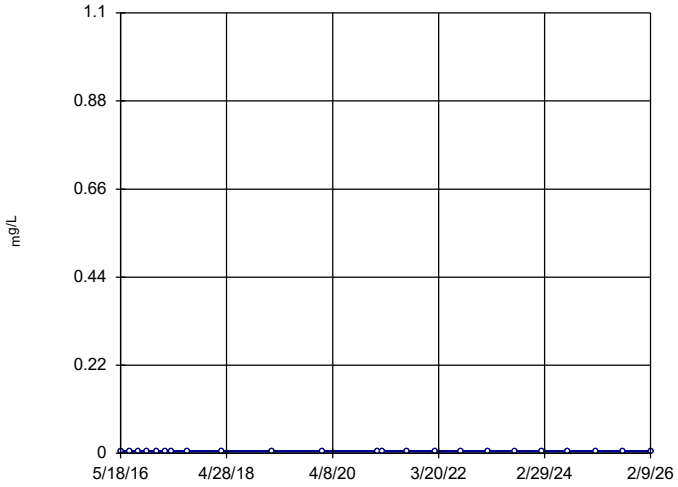
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-6 (bg)



n = 23

Slope = 0
units per year.

Mann-Kendall
statistic = 0
critical = 76

Trend not sig-
nificant at 95%
confidence level
(α = 0.025 per
tail).

Constituent: Antimony Analysis Run 4/22/2026 1:14 PM View: Appendix IV - Upgradient Wells
Plant Wansley Client: Southern Company Data: Wansley AP 1

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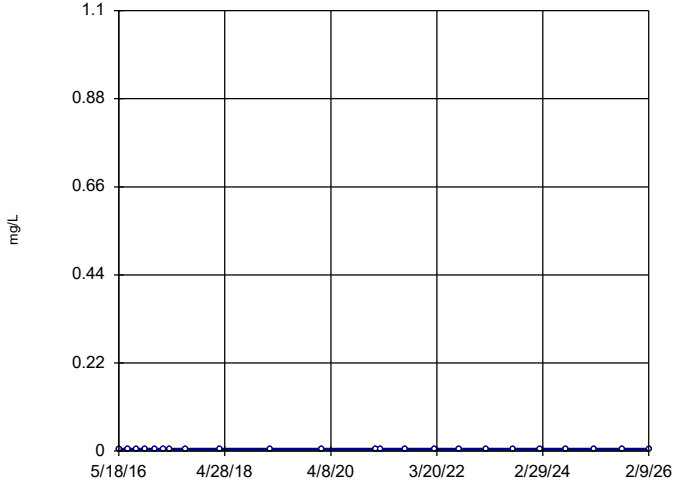
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-7 (bg)



n = 23

Slope = 0
units per year.

Mann-Kendall
statistic = 0
critical = 76

Trend not sig-
nificant at 95%
confidence level
(α = 0.025 per
tail).

Constituent: Antimony Analysis Run 4/22/2026 1:14 PM View: Appendix IV - Upgradient Wells
Plant Wansley Client: Southern Company Data: Wansley AP 1

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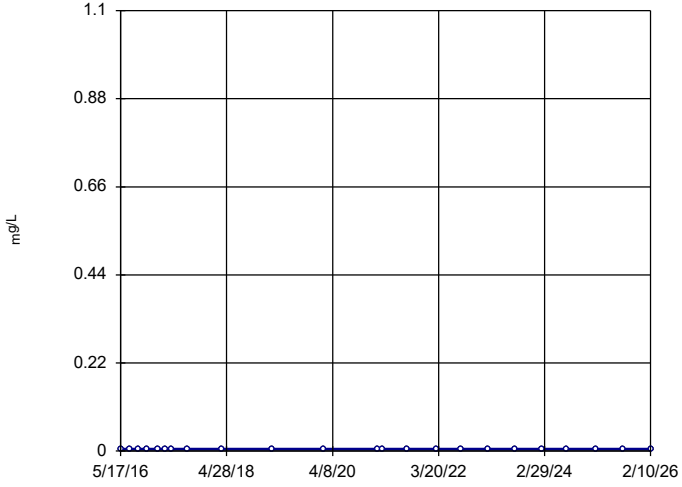
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-18 (bg)



n = 23

Slope = 0
units per year.

Mann-Kendall
statistic = 0
critical = 76

Trend not sig-
nificant at 95%
confidence level
(α = 0.025 per
tail).

Constituent: Antimony Analysis Run 4/22/2026 1:14 PM View: Appendix IV - Upgradient Wells
Plant Wansley Client: Southern Company Data: Wansley AP 1

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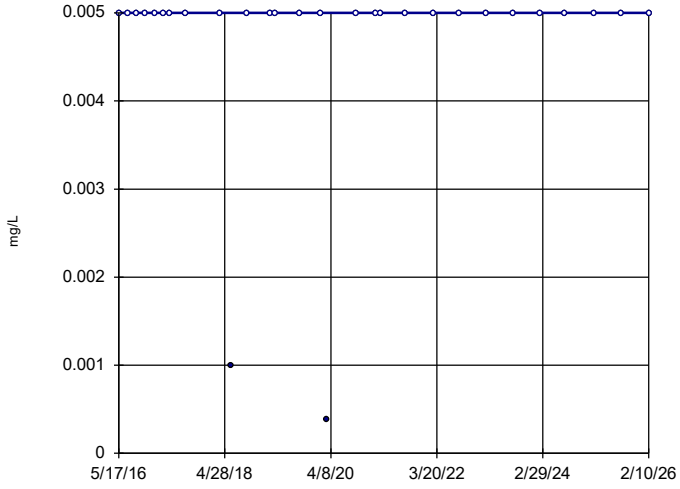
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-1 (bg)



n = 29

Slope = 0
units per year.

Mann-Kendall
statistic = 7
critical = 106

Trend not sig-
nificant at 95%
confidence level
(α = 0.025 per
tail).

Constituent: Arsenic Analysis Run 4/22/2026 1:14 PM View: Appendix IV - Upgradient Wells
Plant Wansley Client: Southern Company Data: Wansley AP 1

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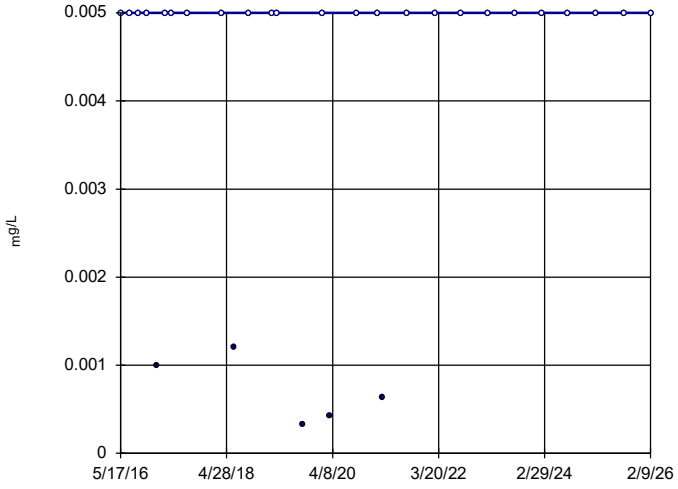
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-2 (bg)



n = 29

Slope = 0
units per year.

Mann-Kendall
statistic = 20
critical = 106

Trend not sig-
nificant at 95%
confidence level
(α = 0.025 per
tail).

Constituent: Arsenic Analysis Run 4/22/2026 1:14 PM View: Appendix IV - Upgradient Wells
Plant Wansley Client: Southern Company Data: Wansley AP 1

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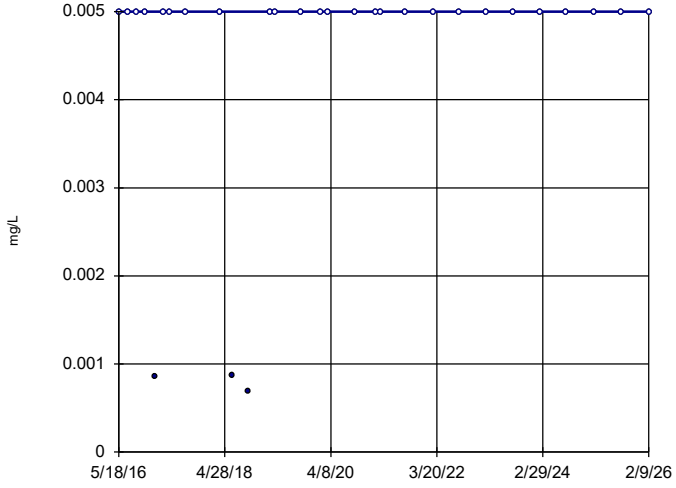
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-3 (bg)



n = 29

Slope = 0
units per year.

Mann-Kendall
statistic = 37
critical = 106

Trend not sig-
nificant at 95%
confidence level
(α = 0.025 per
tail).

Constituent: Arsenic Analysis Run 4/22/2026 1:14 PM View: Appendix IV - Upgradient Wells
Plant Wansley Client: Southern Company Data: Wansley AP 1

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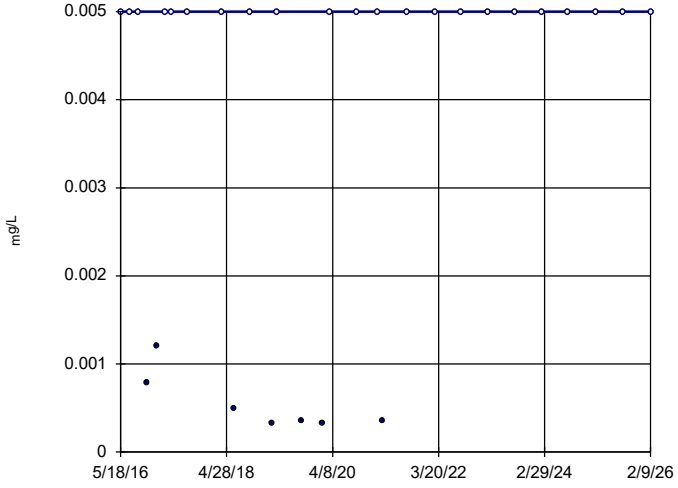
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-4 (bg)



n = 29

Slope = 0
units per year.

Mann-Kendall
statistic = 42
critical = 106

Trend not sig-
nificant at 95%
confidence level
(α = 0.025 per
tail).

Constituent: Arsenic Analysis Run 4/22/2026 1:14 PM View: Appendix IV - Upgradient Wells
Plant Wansley Client: Southern Company Data: Wansley AP 1

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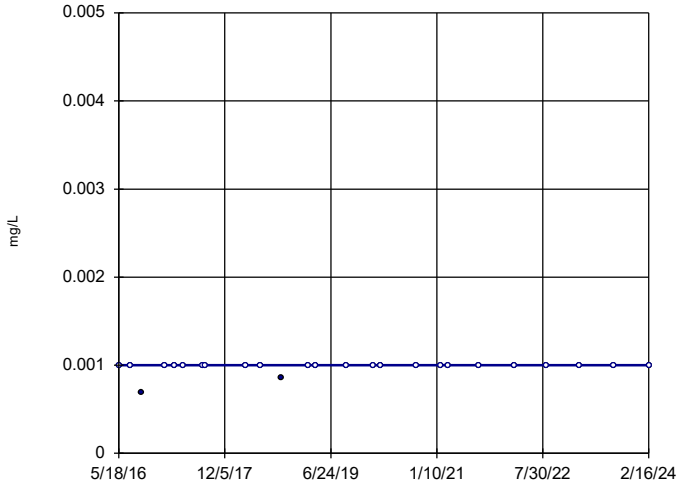
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-5 (bg)



n = 25

Slope = 0
units per year.

Mann-Kendall
statistic = 25
critical = 85

Trend not sig-
nificant at 95%
confidence level
(α = 0.025 per
tail).

Constituent: Arsenic Analysis Run 4/22/2026 1:14 PM View: Appendix IV - Upgradient Wells
Plant Wansley Client: Southern Company Data: Wansley AP 1

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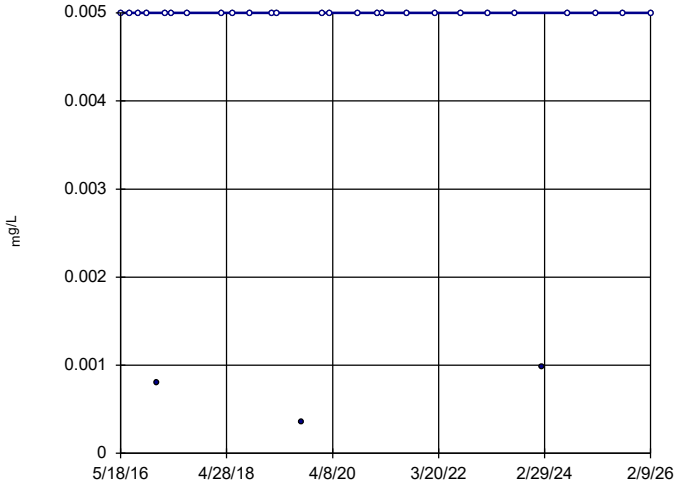
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-6 (bg)



n = 29

Slope = 0
units per year.

Mann-Kendall
statistic = 3
critical = 106

Trend not sig-
nificant at 95%
confidence level
(α = 0.025 per
tail).

Constituent: Arsenic Analysis Run 4/22/2026 1:14 PM View: Appendix IV - Upgradient Wells
Plant Wansley Client: Southern Company Data: Wansley AP 1

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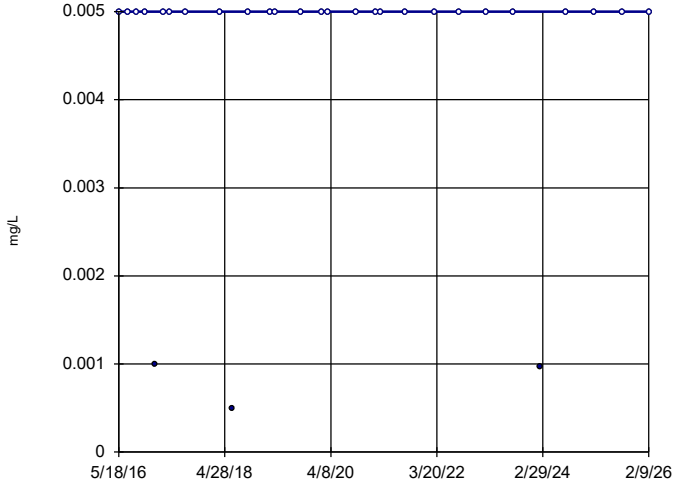
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-7 (bg)



n = 29

Slope = 0
units per year.

Mann-Kendall
statistic = 9
critical = 106

Trend not sig-
nificant at 95%
confidence level
(α = 0.025 per
tail).

Constituent: Arsenic Analysis Run 4/22/2026 1:14 PM View: Appendix IV - Upgradient Wells
Plant Wansley Client: Southern Company Data: Wansley AP 1

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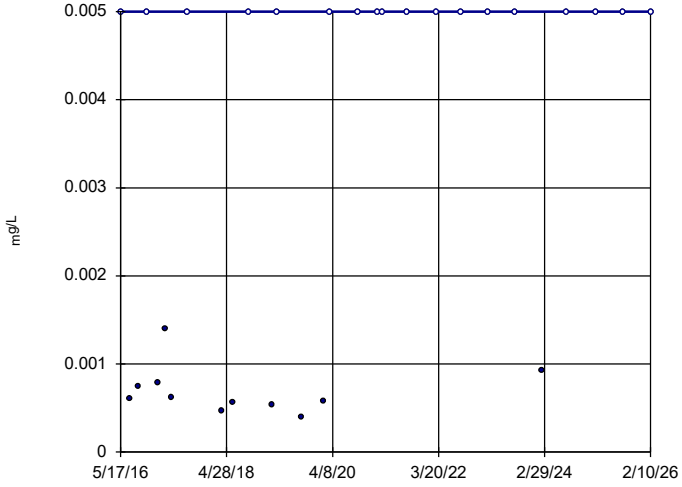
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-18 (bg)



n = 29

Slope = 0
units per year.

Mann-Kendall
statistic = 103
critical = 106

Trend not sig-
nificant at 95%
confidence level
(α = 0.025 per
tail).

Constituent: Arsenic Analysis Run 4/22/2026 1:14 PM View: Appendix IV - Upgradient Wells
Plant Wansley Client: Southern Company Data: Wansley AP 1

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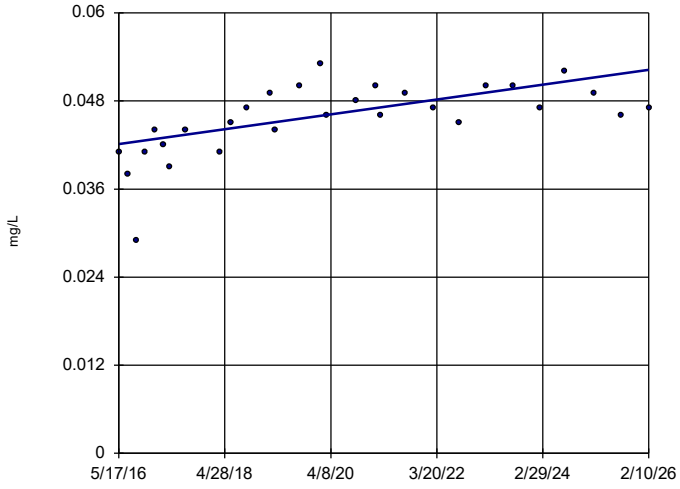
Sen's Slope Estimator

WGWA-1 (bg)



n = 29

Slope = 0.001037 units per year.

Mann-Kendall statistic = 207 critical = 106

Increasing trend significant at 95% confidence level (α = 0.025 per tail).

Constituent: Barium Analysis Run 4/22/2026 1:14 PM View: Appendix IV - Upgradient Wells

Plant Wansley Client: Southern Company Data: Wansley AP 1

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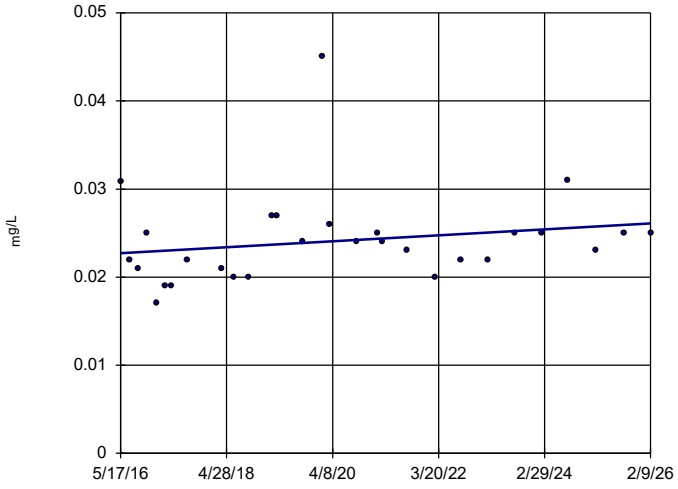
Sen's Slope Estimator

WGWA-2 (bg)



n = 29

Slope = 0.0003489 units per year.

Mann-Kendall statistic = 85 critical = 106

Trend not significant at 95% confidence level (α = 0.025 per tail).

Constituent: Barium Analysis Run 4/22/2026 1:14 PM View: Appendix IV - Upgradient Wells

Plant Wansley Client: Southern Company Data: Wansley AP 1

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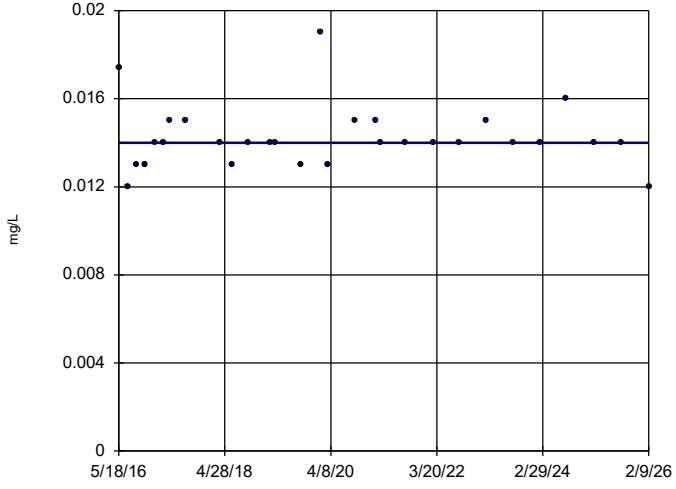
Sen's Slope Estimator

WGWA-3 (bg)



n = 29

Slope = 0 units per year.

Mann-Kendall statistic = 28 critical = 106

Trend not significant at 95% confidence level (α = 0.025 per tail).

Constituent: Barium Analysis Run 4/22/2026 1:14 PM View: Appendix IV - Upgradient Wells

Plant Wansley Client: Southern Company Data: Wansley AP 1

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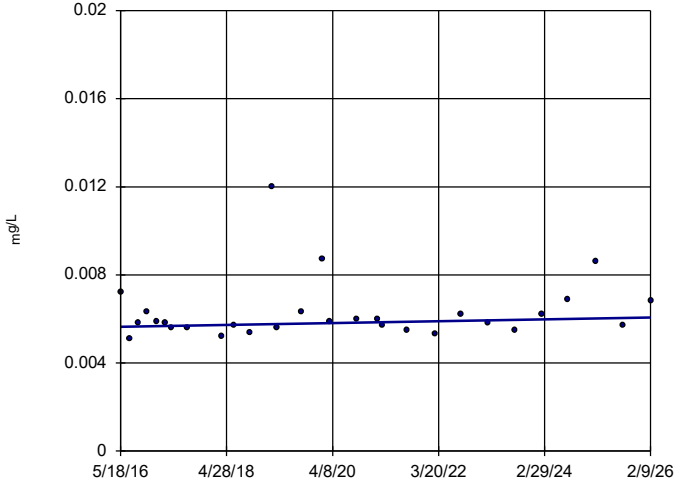
Sen's Slope Estimator

WGWA-4 (bg)



n = 29

Slope = 0.00004306 units per year.

Mann-Kendall statistic = 48 critical = 106

Trend not significant at 95% confidence level (α = 0.025 per tail).

Constituent: Barium Analysis Run 4/22/2026 1:14 PM View: Appendix IV - Upgradient Wells

Plant Wansley Client: Southern Company Data: Wansley AP 1

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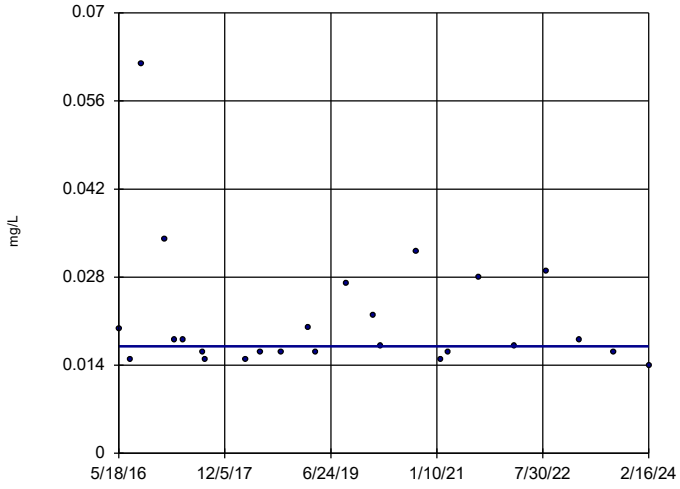
Sen's Slope Estimator

WGWA-5 (bg)



n = 25

Slope = 0 units per year.

Mann-Kendall statistic = -15 critical = -85

Trend not significant at 95% confidence level (α = 0.025 per tail).

Constituent: Barium Analysis Run 4/22/2026 1:14 PM View: Appendix IV - Upgradient Wells

Plant Wansley Client: Southern Company Data: Wansley AP 1

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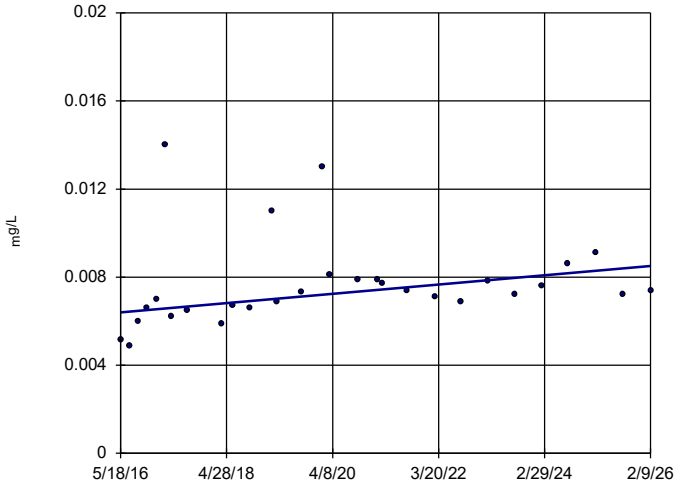
Sen's Slope Estimator

WGWA-6 (bg)



n = 29

Slope = 0.0002171 units per year.

Mann-Kendall statistic = 155 critical = 106

Increasing trend significant at 95% confidence level (α = 0.025 per tail).

Constituent: Barium Analysis Run 4/22/2026 1:14 PM View: Appendix IV - Upgradient Wells

Plant Wansley Client: Southern Company Data: Wansley AP 1

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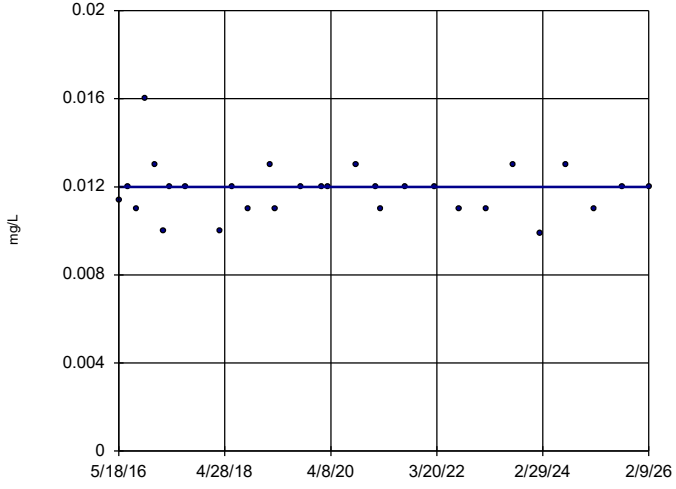
Sen's Slope Estimator

WGWA-7 (bg)



n = 29

Slope = 0 units per year.

Mann-Kendall statistic = -6 critical = -106

Trend not significant at 95% confidence level (α = 0.025 per tail).

Constituent: Barium Analysis Run 4/22/2026 1:14 PM View: Appendix IV - Upgradient Wells

Plant Wansley Client: Southern Company Data: Wansley AP 1

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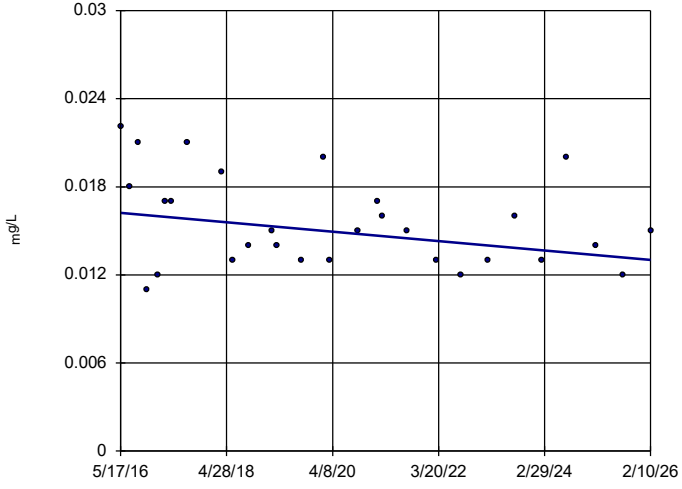
Sen's Slope Estimator

WGWA-18 (bg)



n = 29

Slope = -0.0003283 units per year.

Mann-Kendall statistic = -91 critical = -106

Trend not significant at 95% confidence level (α = 0.025 per tail).

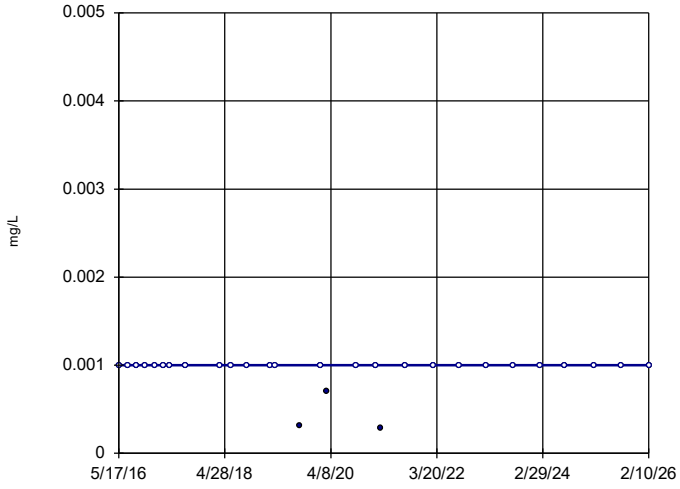
Constituent: Barium Analysis Run 4/22/2026 1:14 PM View: Appendix IV - Upgradient Wells

Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-1 (bg)



n = 29

Slope = 0
units per year.

Mann-Kendall
statistic = -9
critical = -106

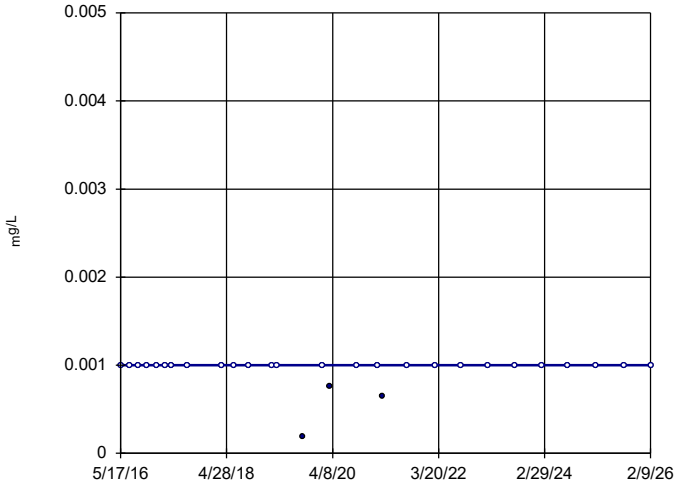
Trend not sig-
nificant at 95%
confidence level
(α = 0.025 per
tail).

Constituent: Beryllium Analysis Run 4/22/2026 1:14 PM View: Appendix IV - Upgradient Wells
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-2 (bg)



n = 29

Slope = 0
units per year.

Mann-Kendall
statistic = -7
critical = -106

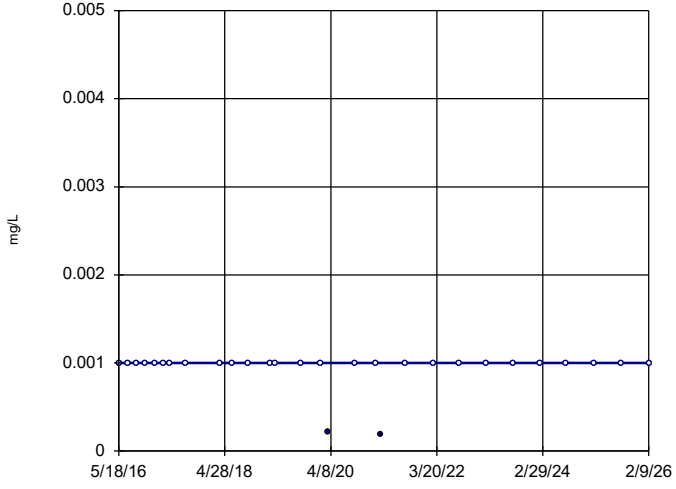
Trend not sig-
nificant at 95%
confidence level
(α = 0.025 per
tail).

Constituent: Beryllium Analysis Run 4/22/2026 1:14 PM View: Appendix IV - Upgradient Wells
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-3 (bg)



n = 29

Slope = 0
units per year.

Mann-Kendall
statistic = -11
critical = -106

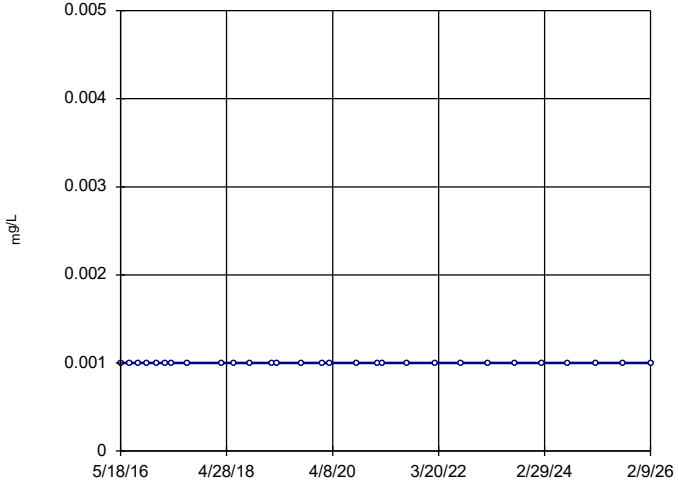
Trend not sig-
nificant at 95%
confidence level
(α = 0.025 per
tail).

Constituent: Beryllium Analysis Run 4/22/2026 1:14 PM View: Appendix IV - Upgradient Wells
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-4 (bg)



n = 29

Slope = 0
units per year.

Mann-Kendall
statistic = 0
critical = 106

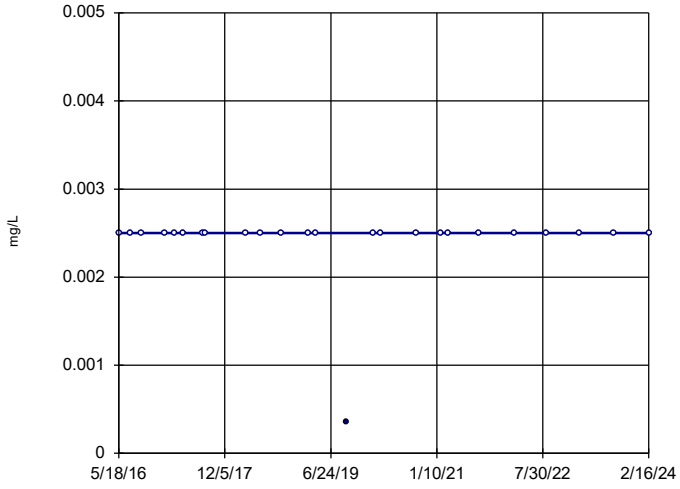
Trend not sig-
nificant at 95%
confidence level
(α = 0.025 per
tail).

Constituent: Beryllium Analysis Run 4/22/2026 1:14 PM View: Appendix IV - Upgradient Wells
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-5 (bg)



n = 25

Slope = 0
units per year.

Mann-Kendall
statistic = -2
critical = -85

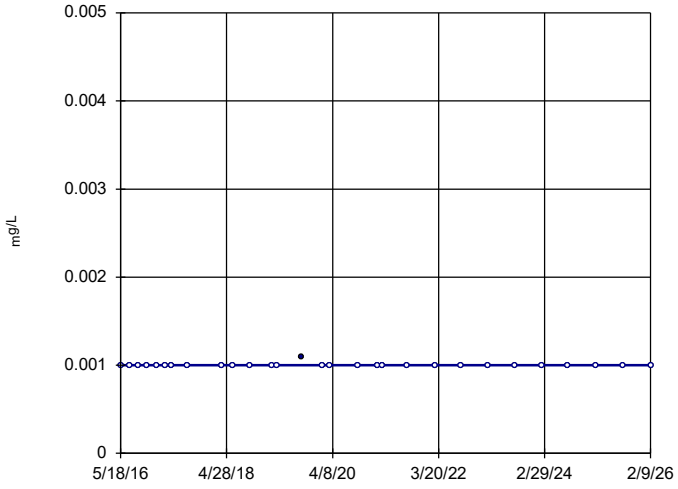
Trend not sig-
nificant at 95%
confidence level
(α = 0.025 per
tail).

Constituent: Beryllium Analysis Run 4/22/2026 1:14 PM View: Appendix IV - Upgradient Wells
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-6 (bg)



n = 29

Slope = 0
units per year.

Mann-Kendall
statistic = -2
critical = -106

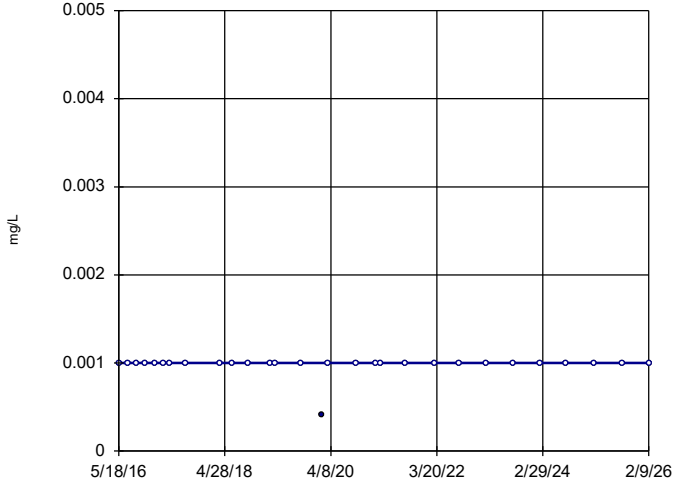
Trend not sig-
nificant at 95%
confidence level
(α = 0.025 per
tail).

Constituent: Beryllium Analysis Run 4/22/2026 1:14 PM View: Appendix IV - Upgradient Wells
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-7 (bg)



n = 29

Slope = 0
units per year.

Mann-Kendall
statistic = 0
critical = 106

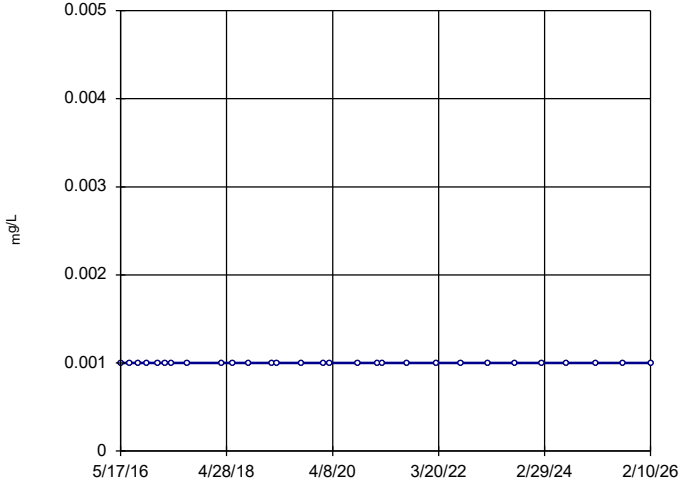
Trend not sig-
nificant at 95%
confidence level
(α = 0.025 per
tail).

Constituent: Beryllium Analysis Run 4/22/2026 1:14 PM View: Appendix IV - Upgradient Wells
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-18 (bg)



n = 29

Slope = 0
units per year.

Mann-Kendall
statistic = 0
critical = 106

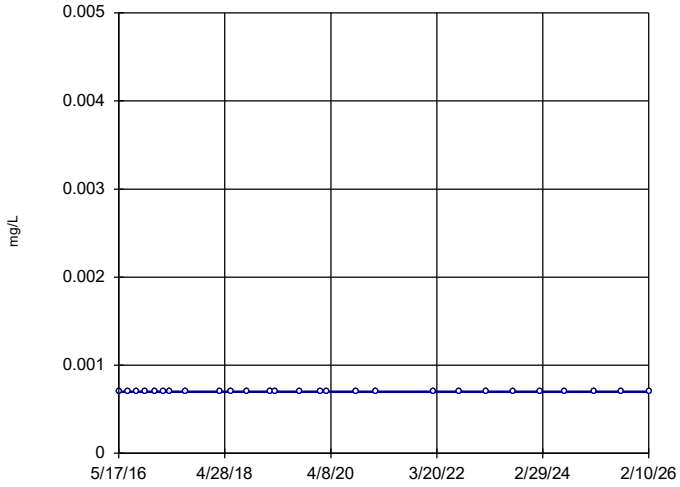
Trend not sig-
nificant at 95%
confidence level
(α = 0.025 per
tail).

Constituent: Beryllium Analysis Run 4/22/2026 1:14 PM View: Appendix IV - Upgradient Wells
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-1 (bg)



n = 27

Slope = 0
units per year.

Mann-Kendall
statistic = 0
critical = 96

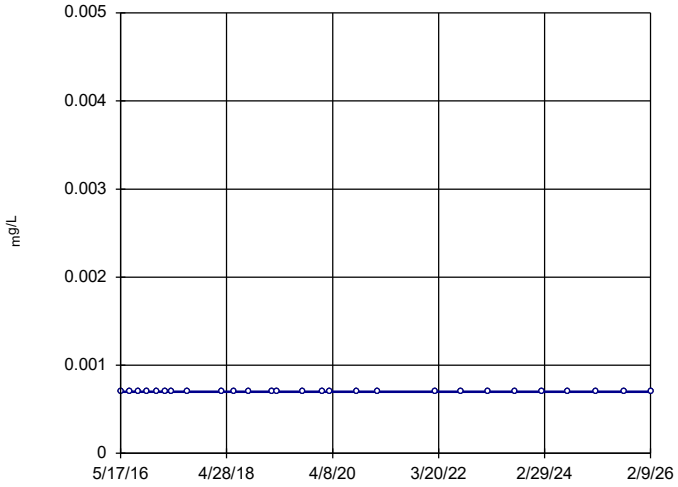
Trend not sig-
nificant at 95%
confidence level
(α = 0.025 per
tail).

Constituent: Cadmium Analysis Run 4/22/2026 1:14 PM View: Appendix IV - Upgradient Wells
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-2 (bg)



n = 27

Slope = 0
units per year.

Mann-Kendall
statistic = 0
critical = 96

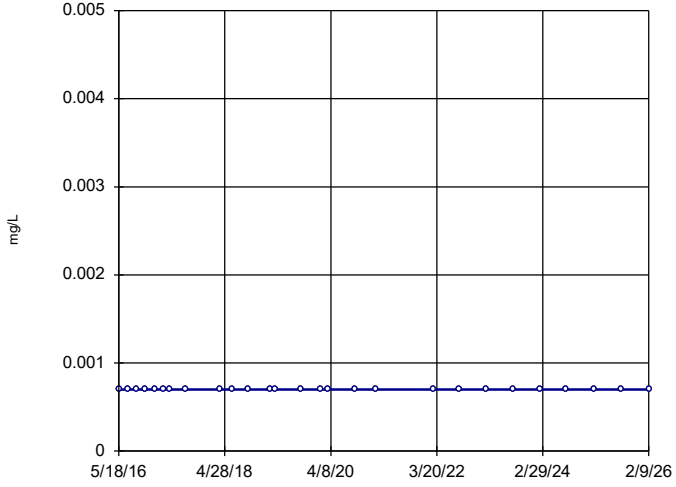
Trend not sig-
nificant at 95%
confidence level
(α = 0.025 per
tail).

Constituent: Cadmium Analysis Run 4/22/2026 1:14 PM View: Appendix IV - Upgradient Wells
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-3 (bg)



n = 27

Slope = 0
units per year.

Mann-Kendall
statistic = 0
critical = 96

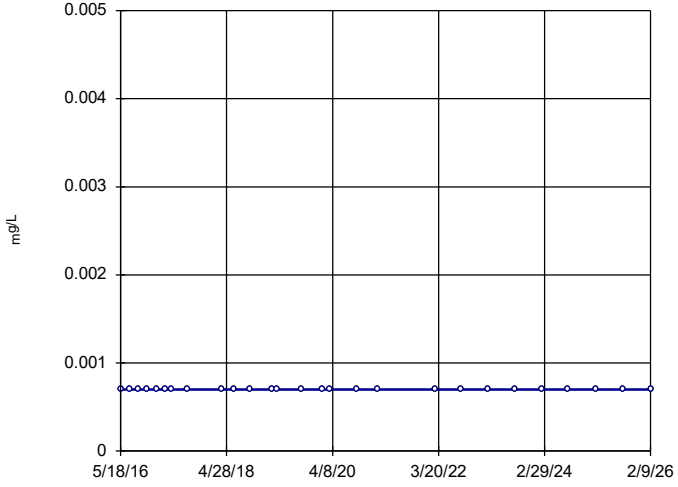
Trend not sig-
nificant at 95%
confidence level
(α = 0.025 per
tail).

Constituent: Cadmium Analysis Run 4/22/2026 1:15 PM View: Appendix IV - Upgradient Wells
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-4 (bg)



n = 27

Slope = 0
units per year.

Mann-Kendall
statistic = 0
critical = 96

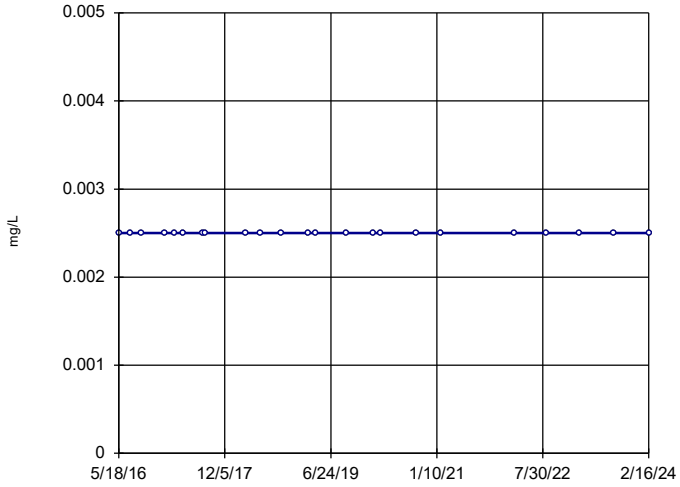
Trend not sig-
nificant at 95%
confidence level
(α = 0.025 per
tail).

Constituent: Cadmium Analysis Run 4/22/2026 1:15 PM View: Appendix IV - Upgradient Wells
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-5 (bg)



n = 23

Slope = 0
units per year.

Mann-Kendall
statistic = 0
critical = 76

Trend not sig-
nificant at 95%
confidence level
(α = 0.025 per
tail).

Constituent: Cadmium Analysis Run 4/22/2026 1:15 PM View: Appendix IV - Upgradient Wells
Plant Wansley Client: Southern Company Data: Wansley AP 1

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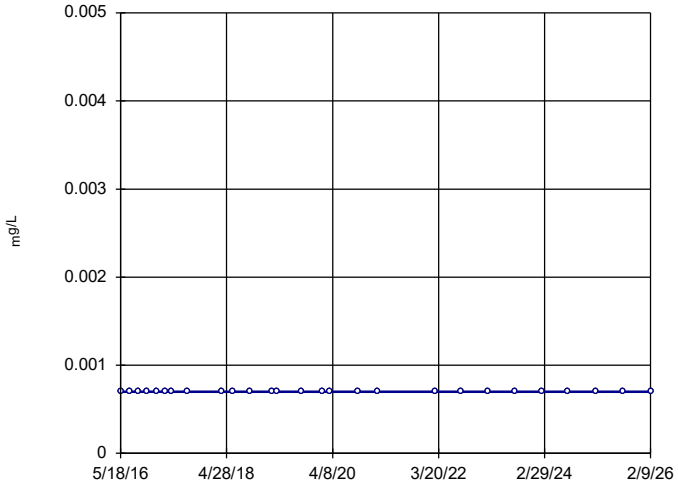
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-6 (bg)



n = 27

Slope = 0
units per year.

Mann-Kendall
statistic = 0
critical = 96

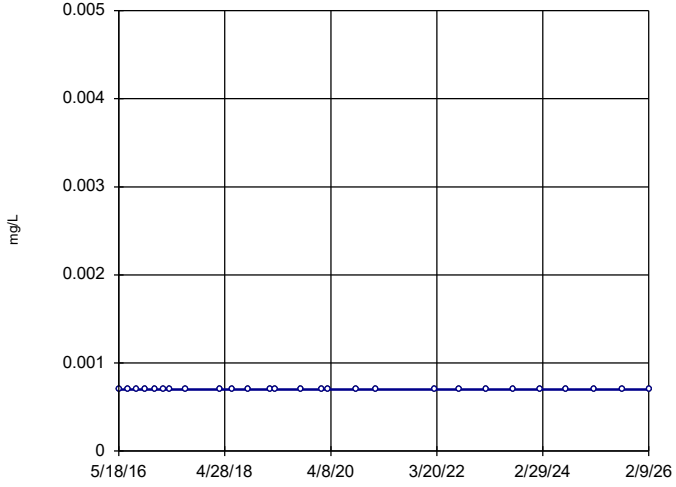
Trend not sig-
nificant at 95%
confidence level
(α = 0.025 per
tail).

Constituent: Cadmium Analysis Run 4/22/2026 1:15 PM View: Appendix IV - Upgradient Wells
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-7 (bg)



n = 27

Slope = 0
units per year.

Mann-Kendall
statistic = 0
critical = 96

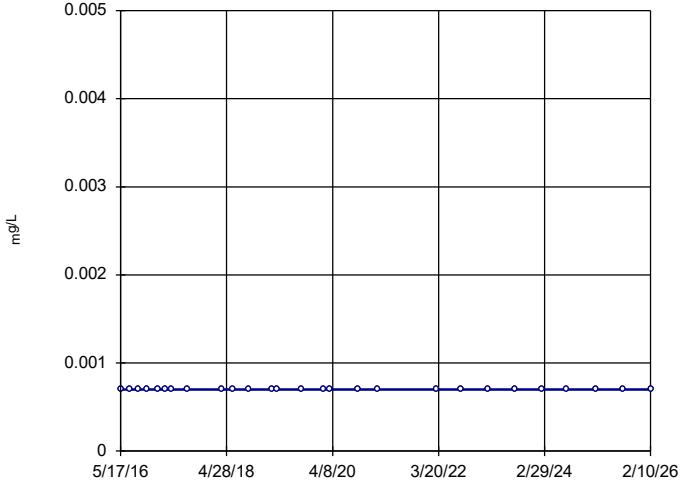
Trend not sig-
nificant at 95%
confidence level
(α = 0.025 per
tail).

Constituent: Cadmium Analysis Run 4/22/2026 1:15 PM View: Appendix IV - Upgradient Wells
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-18 (bg)



n = 27

Slope = 0
units per year.

Mann-Kendall
statistic = 0
critical = 96

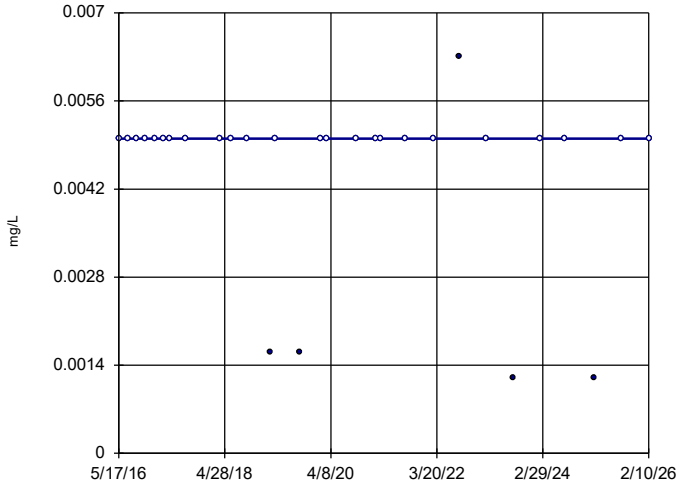
Trend not sig-
nificant at 95%
confidence level
(α = 0.025 per
tail).

Constituent: Cadmium Analysis Run 4/22/2026 1:15 PM View: Appendix IV - Upgradient Wells
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-1 (bg)



n = 29

Slope = 0
units per year.

Mann-Kendall
statistic = -24
critical = -106

Trend not sig-
nificant at 95%
confidence level
(α = 0.025 per
tail).

Constituent: Chromium Analysis Run 4/22/2026 1:15 PM View: Appendix IV - Upgradient Wells
Plant Wansley Client: Southern Company Data: Wansley AP 1

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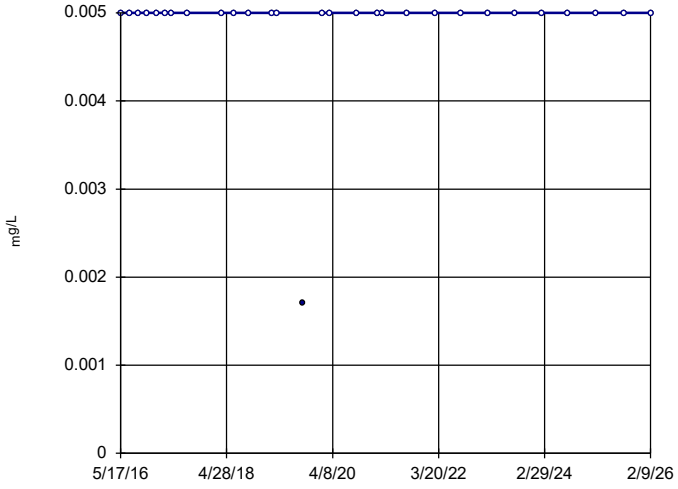
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-2 (bg)



n = 29

Slope = 0
units per year.

Mann-Kendall
statistic = 2
critical = 106

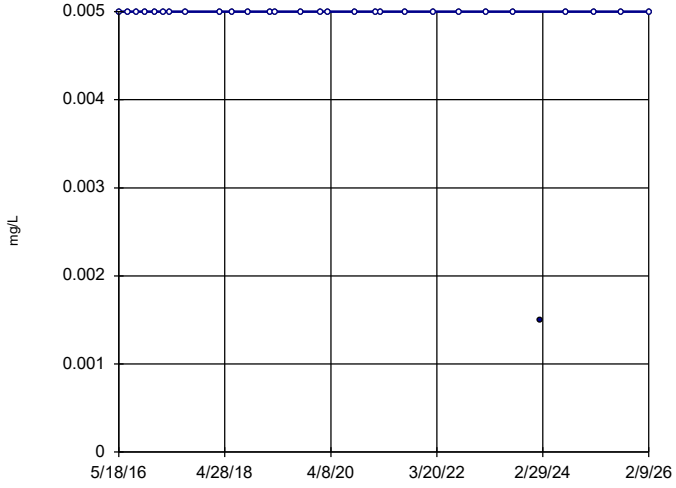
Trend not sig-
nificant at 95%
confidence level
(α = 0.025 per
tail).

Constituent: Chromium Analysis Run 4/22/2026 1:15 PM View: Appendix IV - Upgradient Wells
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-3 (bg)



n = 29

Slope = 0
units per year.

Mann-Kendall
statistic = -20
critical = -106

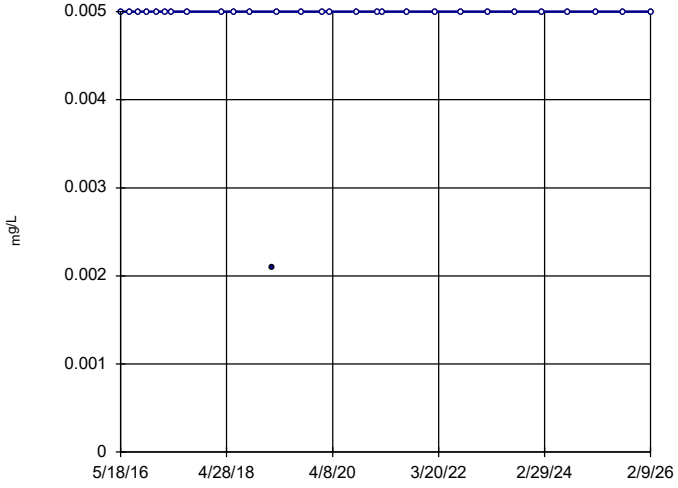
Trend not sig-
nificant at 95%
confidence level
(α = 0.025 per
tail).

Constituent: Chromium Analysis Run 4/22/2026 1:15 PM View: Appendix IV - Upgradient Wells
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-4 (bg)



n = 29

Slope = 0
units per year.

Mann-Kendall
statistic = 6
critical = 106

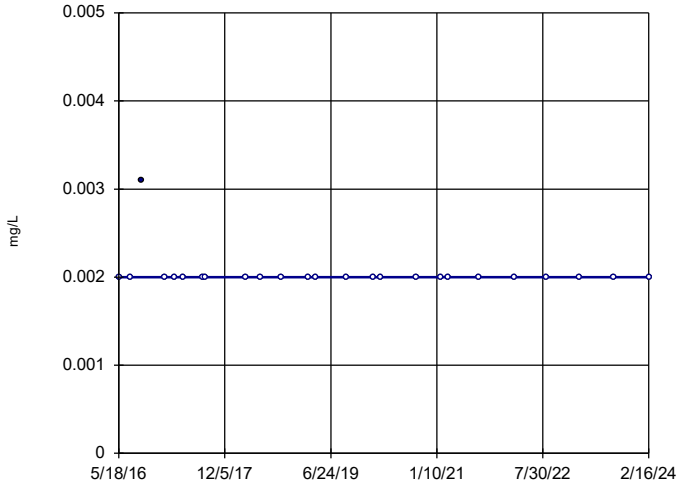
Trend not sig-
nificant at 95%
confidence level
(α = 0.025 per
tail).

Constituent: Chromium Analysis Run 4/22/2026 1:15 PM View: Appendix IV - Upgradient Wells
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-5 (bg)



n = 25

Slope = 0
units per year.

Mann-Kendall
statistic = -20
critical = -85

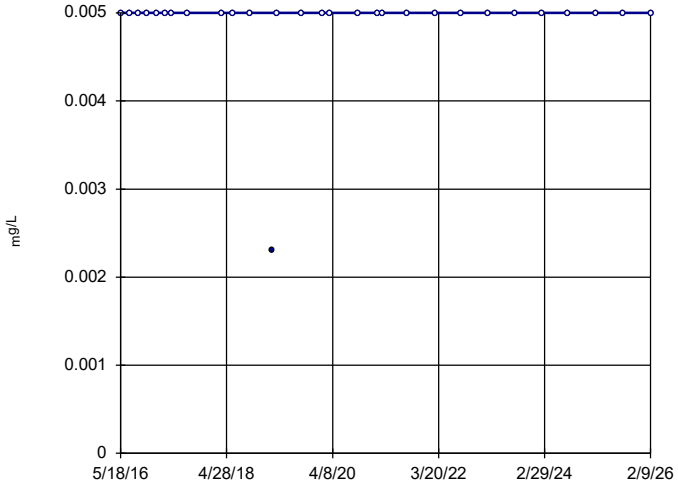
Trend not sig-
nificant at 95%
confidence level
(α = 0.025 per
tail).

Constituent: Chromium Analysis Run 4/22/2026 1:15 PM View: Appendix IV - Upgradient Wells
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-6 (bg)



n = 29

Slope = 0
units per year.

Mann-Kendall
statistic = 6
critical = 106

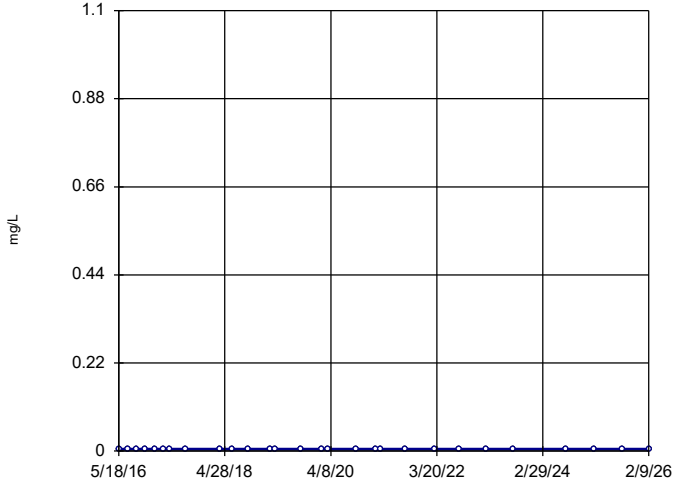
Trend not sig-
nificant at 95%
confidence level
(α = 0.025 per
tail).

Constituent: Chromium Analysis Run 4/22/2026 1:15 PM View: Appendix IV - Upgradient Wells
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-7 (bg)



n = 28

Slope = 0
units per year.

Mann-Kendall
statistic = 0
critical = 101

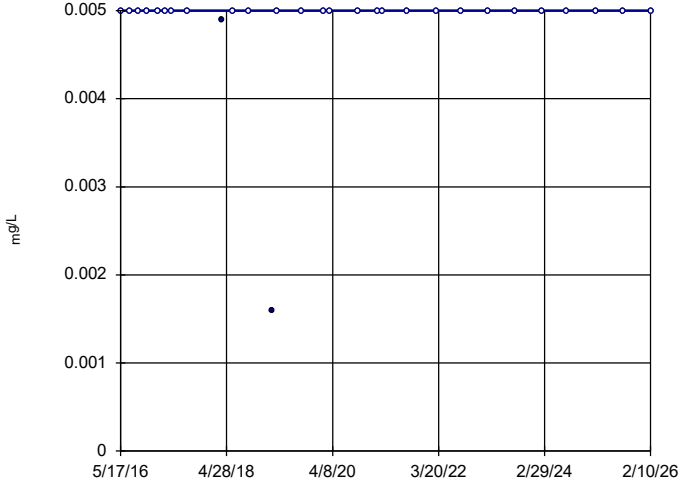
Trend not sig-
nificant at 95%
confidence level
(α = 0.025 per
tail).

Constituent: Chromium Analysis Run 4/22/2026 1:15 PM View: Appendix IV - Upgradient Wells
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-18 (bg)



n = 29

Slope = 0
units per year.

Mann-Kendall
statistic = 17
critical = 106

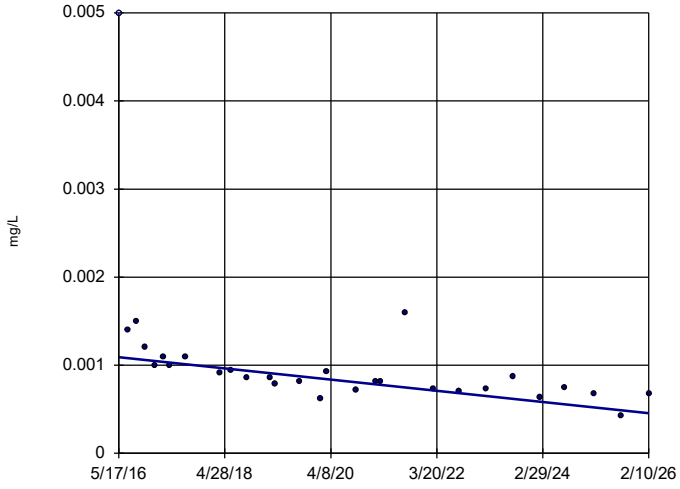
Trend not sig-
nificant at 95%
confidence level
(α = 0.025 per
tail).

Constituent: Chromium Analysis Run 4/22/2026 1:15 PM View: Appendix IV - Upgradient Wells
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-1 (bg)



n = 29

Slope = -0.00006537 units per year.

Mann-Kendall statistic = -269
critical = -106

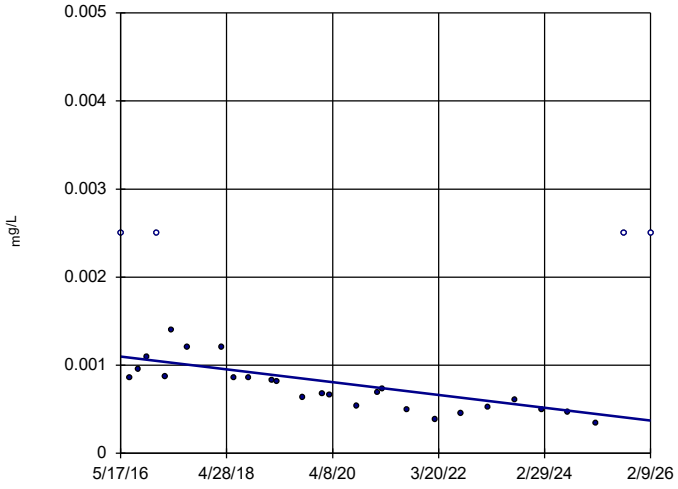
Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

Constituent: Cobalt Analysis Run 4/22/2026 1:15 PM View: Appendix IV - Upgradient Wells
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-2 (bg)



n = 29

Slope = -0.00007451 units per year.

Mann-Kendall statistic = -211
critical = -106

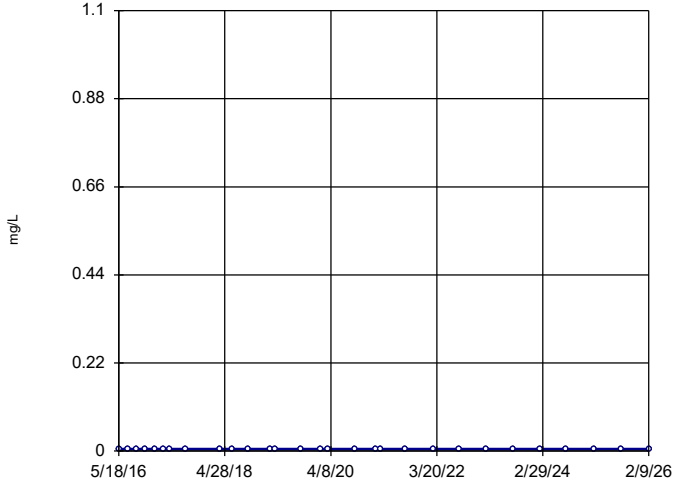
Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

Constituent: Cobalt Analysis Run 4/22/2026 1:15 PM View: Appendix IV - Upgradient Wells
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-3 (bg)



n = 29

Slope = 0 units per year.

Mann-Kendall statistic = 0
critical = 106

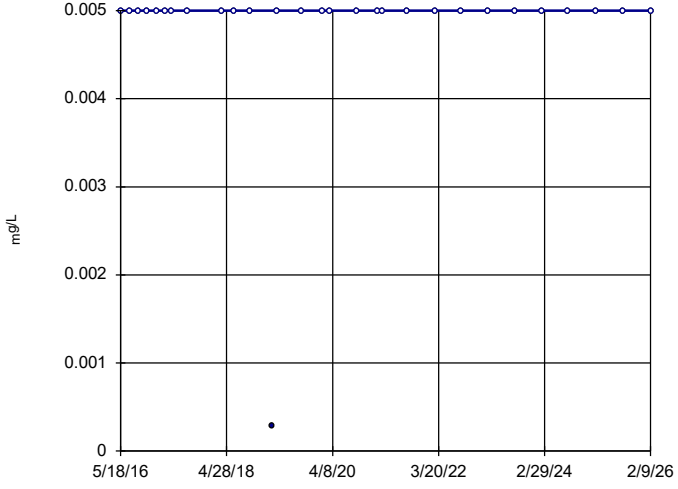
Trend not significant at 95% confidence level (α = 0.025 per tail).

Constituent: Cobalt Analysis Run 4/22/2026 1:15 PM View: Appendix IV - Upgradient Wells
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-4 (bg)



n = 29

Slope = 0 units per year.

Mann-Kendall statistic = 6
critical = 106

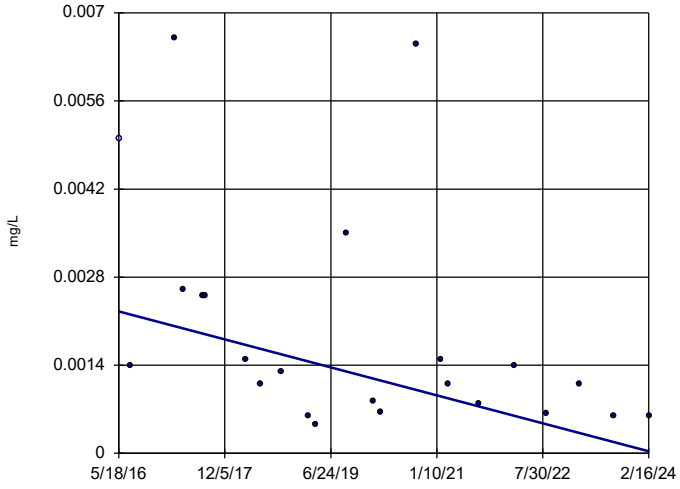
Trend not significant at 95% confidence level (α = 0.025 per tail).

Constituent: Cobalt Analysis Run 4/22/2026 1:15 PM View: Appendix IV - Upgradient Wells
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-5 (bg)



n = 23

Slope = -0.0002865 units per year.

Mann-Kendall statistic = -116 critical = -76

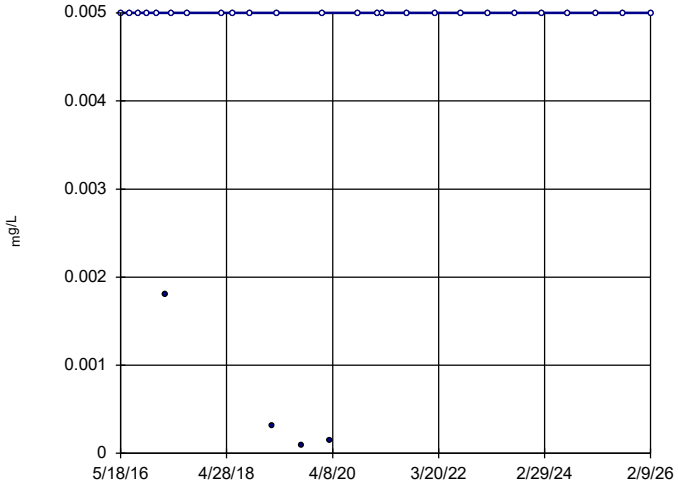
Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

Constituent: Cobalt Analysis Run 4/22/2026 1:15 PM View: Appendix IV - Upgradient Wells
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-6 (bg)



n = 29

Slope = 0 units per year.

Mann-Kendall statistic = 20 critical = 106

Trend not significant at 95% confidence level (α = 0.025 per tail).

Constituent: Cobalt Analysis Run 4/22/2026 1:15 PM View: Appendix IV - Upgradient Wells
Plant Wansley Client: Southern Company Data: Wansley AP 1

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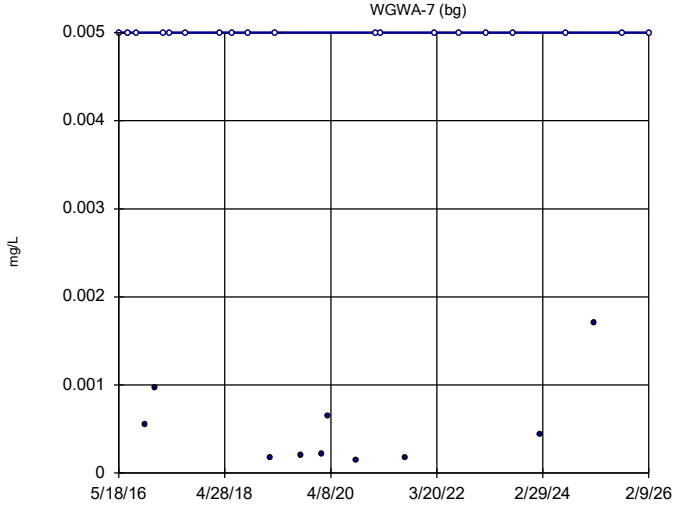
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-7 (bg)



n = 29

Slope = 0 units per year.

Mann-Kendall statistic = -8 critical = -106

Trend not significant at 95% confidence level (α = 0.025 per tail).

Constituent: Cobalt Analysis Run 4/22/2026 1:15 PM View: Appendix IV - Upgradient Wells
Plant Wansley Client: Southern Company Data: Wansley AP 1

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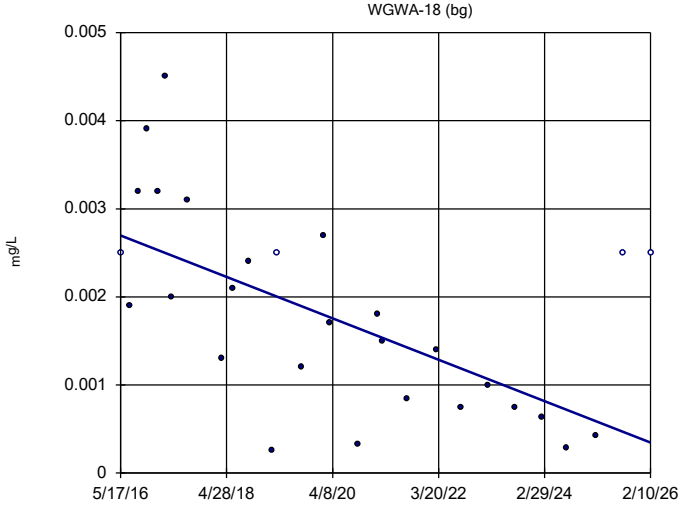
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-18 (bg)



n = 29

Slope = -0.0002414 units per year.

Mann-Kendall statistic = -176 critical = -106

Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

Constituent: Cobalt Analysis Run 4/22/2026 1:15 PM View: Appendix IV - Upgradient Wells
Plant Wansley Client: Southern Company Data: Wansley AP 1

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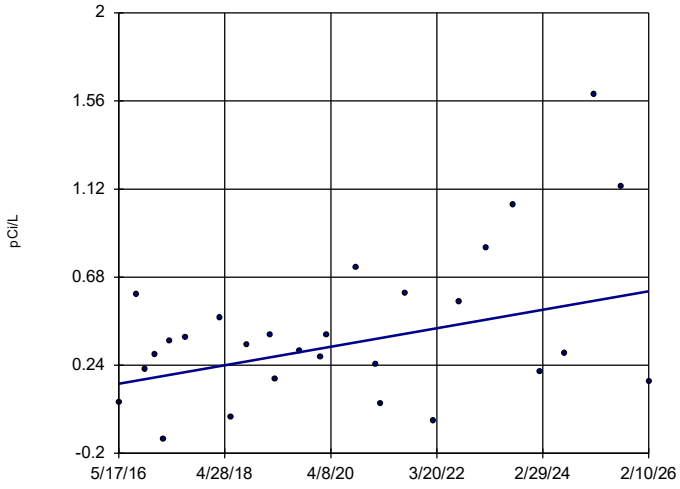
Sen's Slope Estimator

WGWA-1 (bg)



n = 28

Slope = 0.04743 units per year.

Mann-Kendall statistic = 83 critical = 101

Trend not significant at 95% confidence level (α = 0.025 per tail).

Constituent: Combined Radium 226 + 228 Analysis Run 4/22/2026 1:15 PM View: Appendix IV - Upgradie

Plant Wansley Client: Southern Company Data: Wansley AP 1

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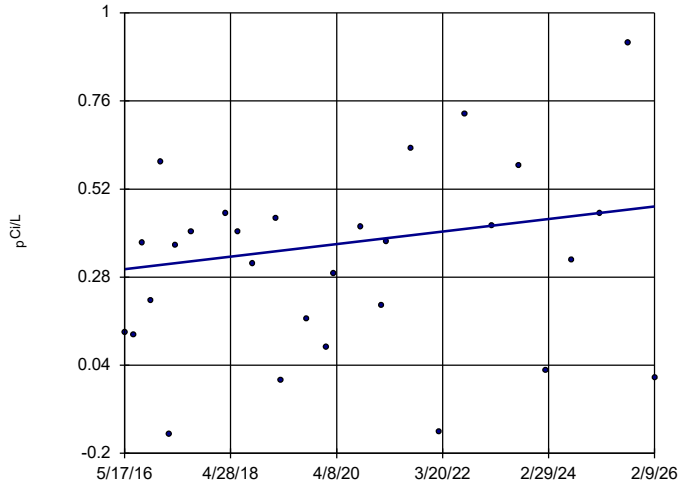
Sen's Slope Estimator

WGWA-2 (bg)



n = 29

Slope = 0.01756 units per year.

Mann-Kendall statistic = 62 critical = 106

Trend not significant at 95% confidence level (α = 0.025 per tail).

Constituent: Combined Radium 226 + 228 Analysis Run 4/22/2026 1:15 PM View: Appendix IV - Upgradie

Plant Wansley Client: Southern Company Data: Wansley AP 1

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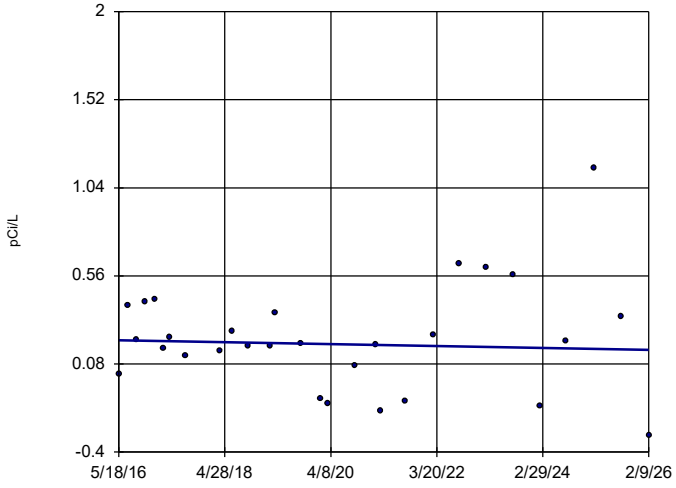
Sen's Slope Estimator

WGWA-3 (bg)



n = 29

Slope = -0.005232 units per year.

Mann-Kendall statistic = -10 critical = -106

Trend not significant at 95% confidence level (α = 0.025 per tail).

Constituent: Combined Radium 226 + 228 Analysis Run 4/22/2026 1:15 PM View: Appendix IV - Upgradie

Plant Wansley Client: Southern Company Data: Wansley AP 1

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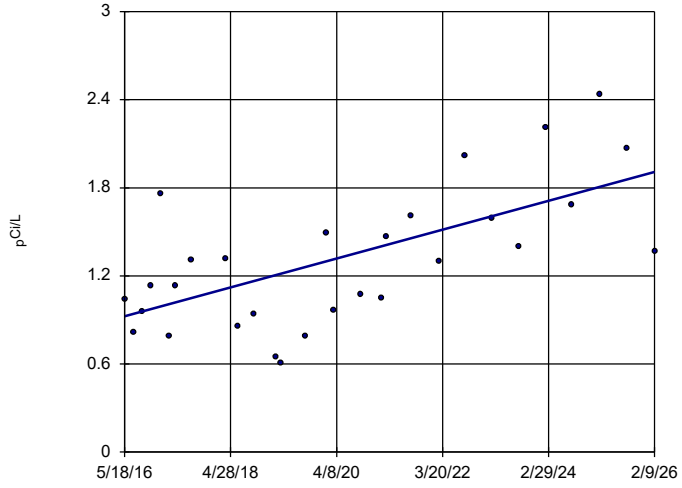
Sen's Slope Estimator

WGWA-4 (bg)



n = 29

Slope = 0.1009 units per year.

Mann-Kendall statistic = 180 critical = 106

Increasing trend significant at 95% confidence level (α = 0.025 per tail).

Constituent: Combined Radium 226 + 228 Analysis Run 4/22/2026 1:15 PM View: Appendix IV - Upgradie

Plant Wansley Client: Southern Company Data: Wansley AP 1

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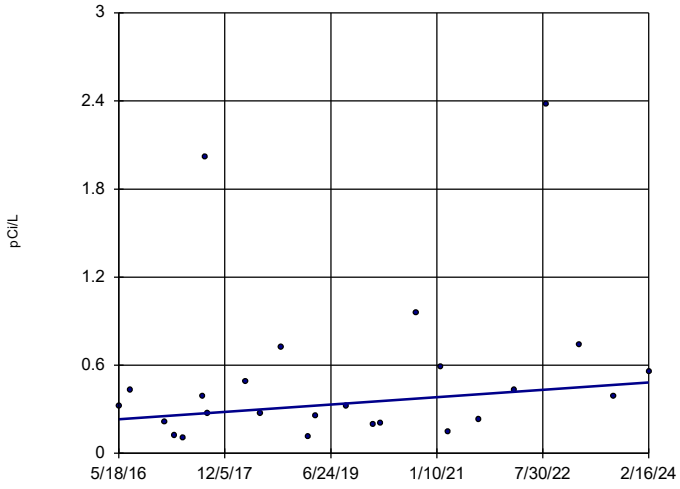
Sen's Slope Estimator

WGWA-5 (bg)



n = 25

Slope = 0.03227 units per year.

Mann-Kendall statistic = 55 critical = 85

Trend not significant at 95% confidence level (α = 0.025 per tail).

Constituent: Combined Radium 226 + 228 Analysis Run 4/22/2026 1:15 PM View: Appendix IV - Upgradie

Plant Wansley Client: Southern Company Data: Wansley AP 1

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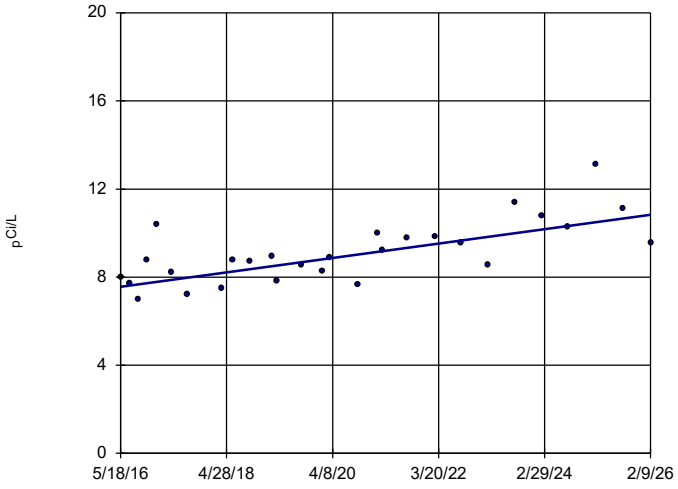
Sen's Slope Estimator

WGWA-6 (bg)



n = 28

Slope = 0.3356 units per year.

Mann-Kendall statistic = 194 critical = 101

Increasing trend significant at 95% confidence level (α = 0.025 per tail).

Constituent: Combined Radium 226 + 228 Analysis Run 4/22/2026 1:15 PM View: Appendix IV - Upgradie

Plant Wansley Client: Southern Company Data: Wansley AP 1

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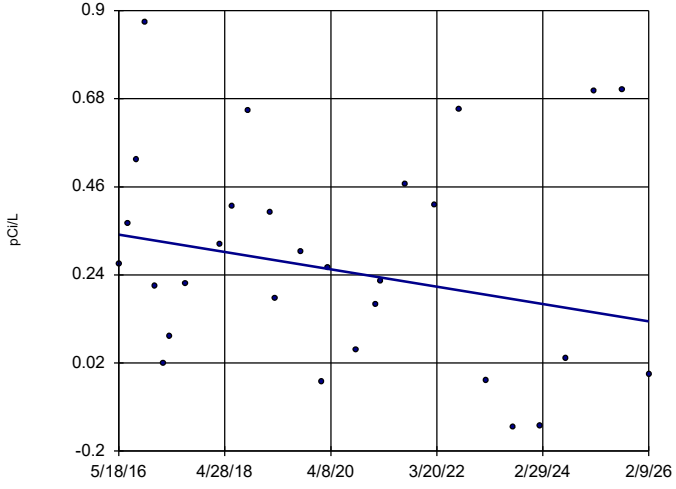
Sen's Slope Estimator

WGWA-7 (bg)



n = 29

Slope = -0.02227 units per year.

Mann-Kendall statistic = -46 critical = -106

Trend not significant at 95% confidence level (α = 0.025 per tail).

Constituent: Combined Radium 226 + 228 Analysis Run 4/22/2026 1:15 PM View: Appendix IV - Upgradie

Plant Wansley Client: Southern Company Data: Wansley AP 1

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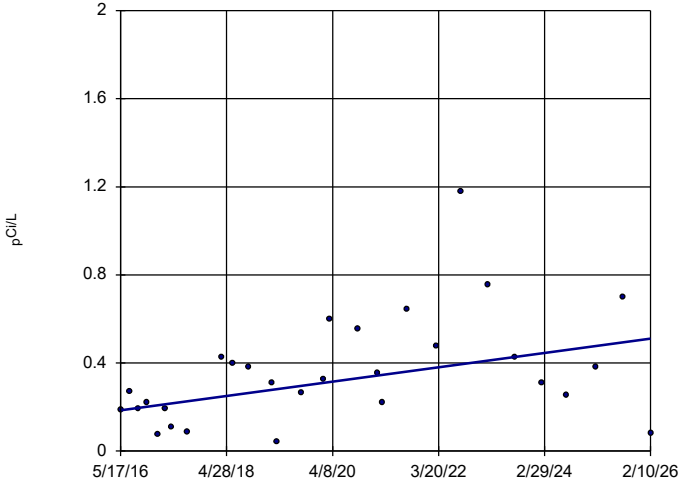
Sen's Slope Estimator

WGWA-18 (bg)



n = 29

Slope = 0.03345 units per year.

Mann-Kendall statistic = 131 critical = 106

Increasing trend significant at 95% confidence level (α = 0.025 per tail).

Constituent: Combined Radium 226 + 228 Analysis Run 4/22/2026 1:15 PM View: Appendix IV - Upgradie

Plant Wansley Client: Southern Company Data: Wansley AP 1

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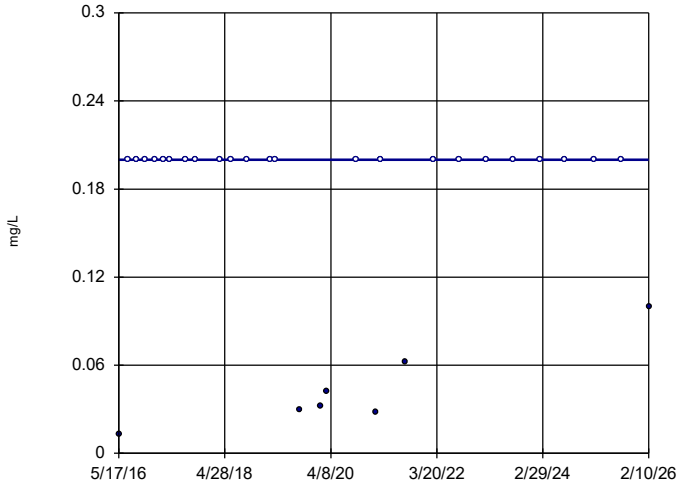
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-1 (bg)



n = 30

Slope = 0
units per year.

Mann-Kendall
statistic = -6
critical = -112

Trend not sig-
nificant at 95%
confidence level
(α = 0.025 per
tail).

Constituent: Fluoride Analysis Run 4/22/2026 1:15 PM View: Appendix IV - Upgradient Wells
Plant Wansley Client: Southern Company Data: Wansley AP 1

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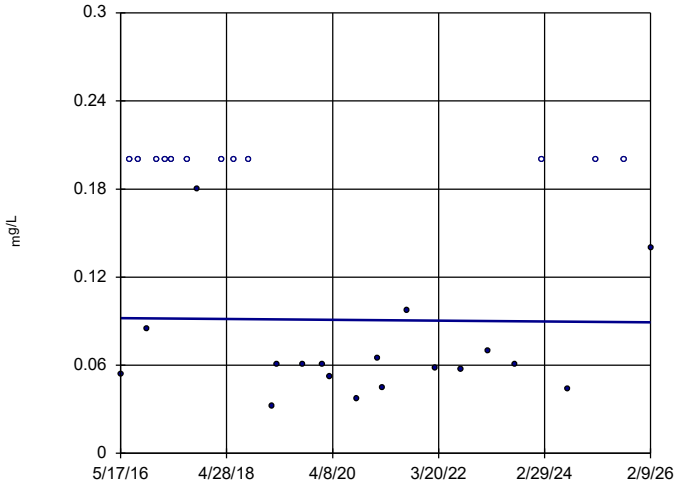
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-2 (bg)



n = 30

Slope = -0.0002948
units per year.

Mann-Kendall
statistic = -73
critical = -112

Trend not sig-
nificant at 95%
confidence level
(α = 0.025 per
tail).

Constituent: Fluoride Analysis Run 4/22/2026 1:15 PM View: Appendix IV - Upgradient Wells
Plant Wansley Client: Southern Company Data: Wansley AP 1

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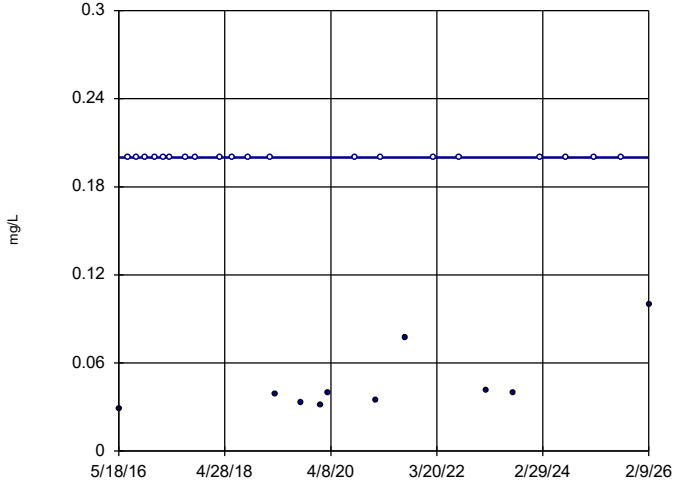
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-3 (bg)



n = 30

Slope = 0
units per year.

Mann-Kendall
statistic = -26
critical = -112

Trend not sig-
nificant at 95%
confidence level
(α = 0.025 per
tail).

Constituent: Fluoride Analysis Run 4/22/2026 1:15 PM View: Appendix IV - Upgradient Wells
Plant Wansley Client: Southern Company Data: Wansley AP 1

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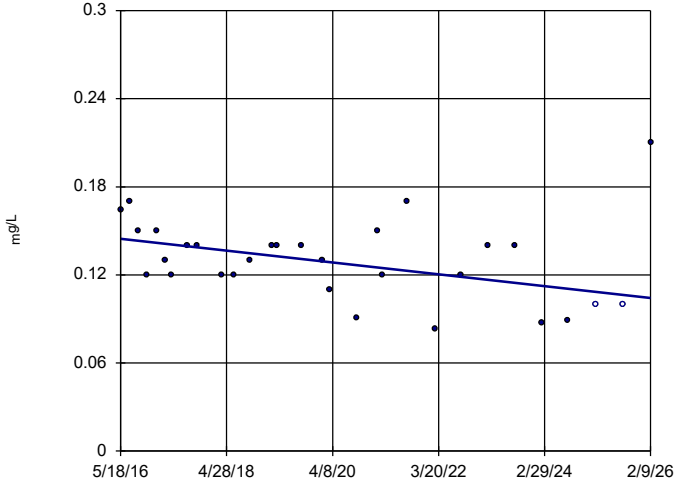
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-4 (bg)



n = 30

Slope = -0.004124
units per year.

Mann-Kendall
statistic = -117
critical = -112

Decreasing trend
significant at 95%
confidence level
(α = 0.025 per
tail).

Constituent: Fluoride Analysis Run 4/22/2026 1:15 PM View: Appendix IV - Upgradient Wells
Plant Wansley Client: Southern Company Data: Wansley AP 1

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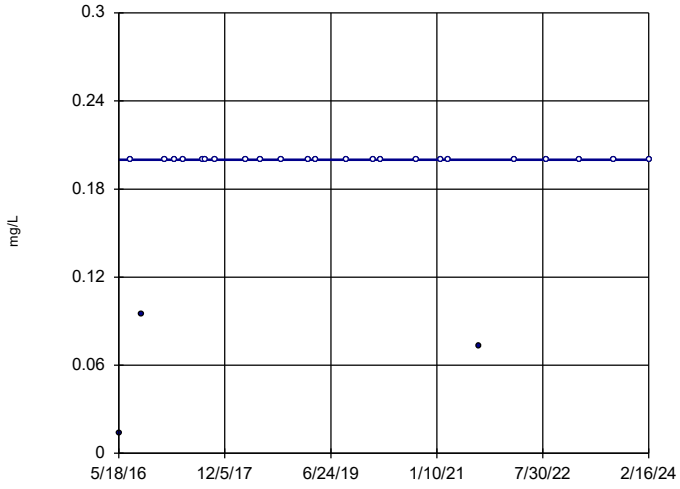
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-5 (bg)



n = 26

Slope = 0
units per year.

Mann-Kendall
statistic = 32
critical = 90

Trend not sig-
nificant at 95%
confidence level
(α = 0.025 per
tail).

Constituent: Fluoride Analysis Run 4/22/2026 1:15 PM View: Appendix IV - Upgradient Wells
Plant Wansley Client: Southern Company Data: Wansley AP 1

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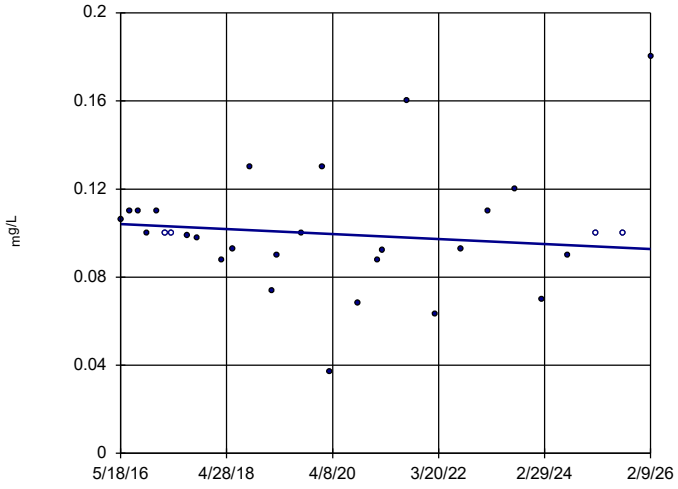
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-6 (bg)



n = 30

Slope = -0.001167
units per year.

Mann-Kendall
statistic = -46
critical = -112

Trend not sig-
nificant at 95%
confidence level
(α = 0.025 per
tail).

Constituent: Fluoride Analysis Run 4/22/2026 1:15 PM View: Appendix IV - Upgradient Wells
Plant Wansley Client: Southern Company Data: Wansley AP 1

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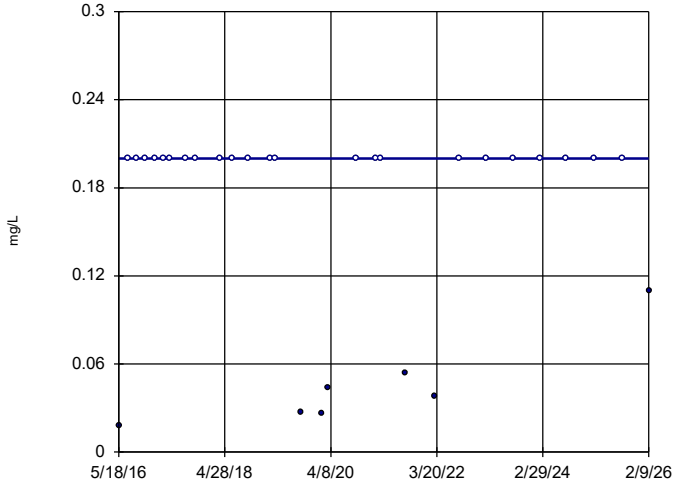
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-7 (bg)



n = 30

Slope = 0
units per year.

Mann-Kendall
statistic = -12
critical = -112

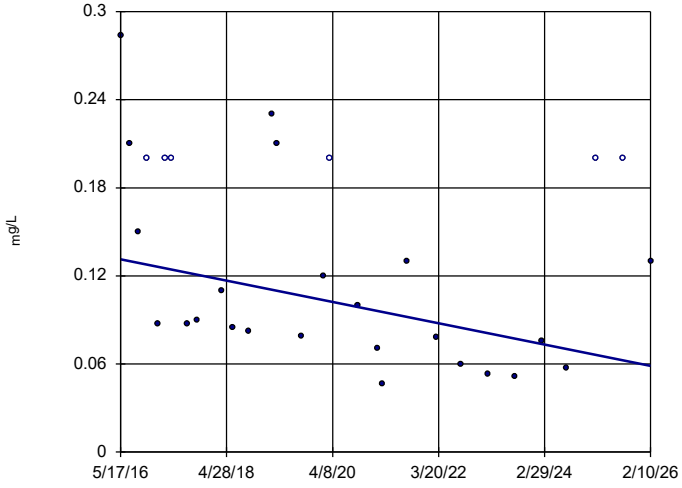
Trend not sig-
nificant at 95%
confidence level
(α = 0.025 per
tail).

Constituent: Fluoride Analysis Run 4/22/2026 1:15 PM View: Appendix IV - Upgradient Wells
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-18 (bg)



n = 30

Slope = -0.007449
units per year.

Mann-Kendall
statistic = -153
critical = -112

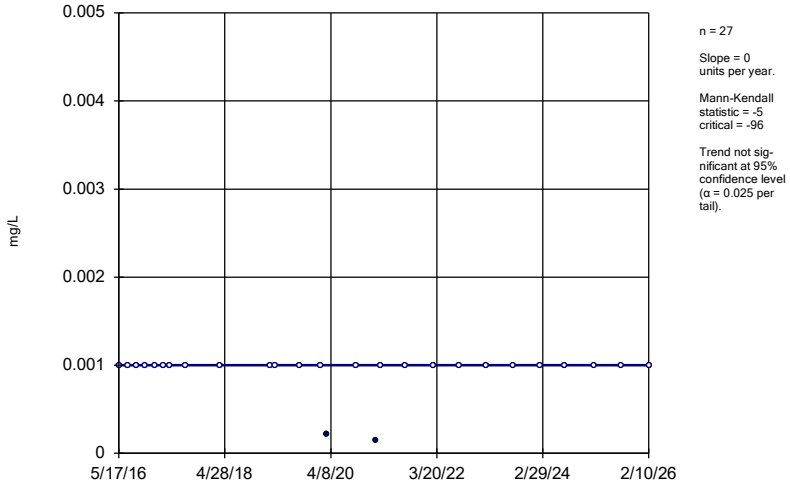
Decreasing trend
significant at 95%
confidence level
(α = 0.025 per
tail).

Constituent: Fluoride Analysis Run 4/22/2026 1:15 PM View: Appendix IV - Upgradient Wells
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-1 (bg)



n = 27

Slope = 0
units per year.

Mann-Kendall
statistic = -5
critical = -96

Trend not sig-
nificant at 95%
confidence level
(α = 0.025 per
tail).

Constituent: Lead Analysis Run 4/22/2026 1:15 PM View: Appendix IV - Upgradient Wells
Plant Wansley Client: Southern Company Data: Wansley AP 1

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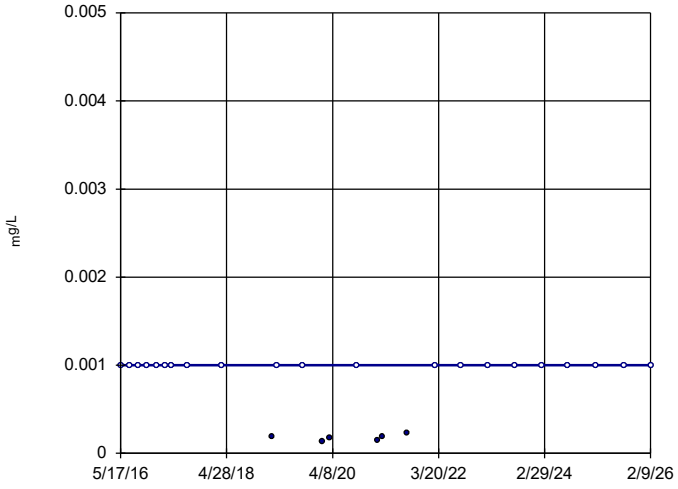
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-2 (bg)



n = 27

Slope = 0
units per year.

Mann-Kendall
statistic = -2
critical = -96

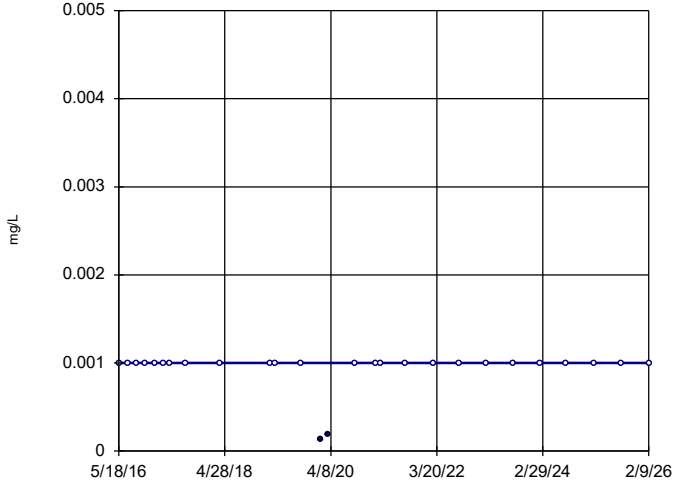
Trend not sig-
nificant at 95%
confidence level
(α = 0.025 per
tail).

Constituent: Lead Analysis Run 4/22/2026 1:15 PM View: Appendix IV - Upgradient Wells
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-3 (bg)



n = 27

Slope = 0
units per year.

Mann-Kendall
statistic = 3
critical = 96

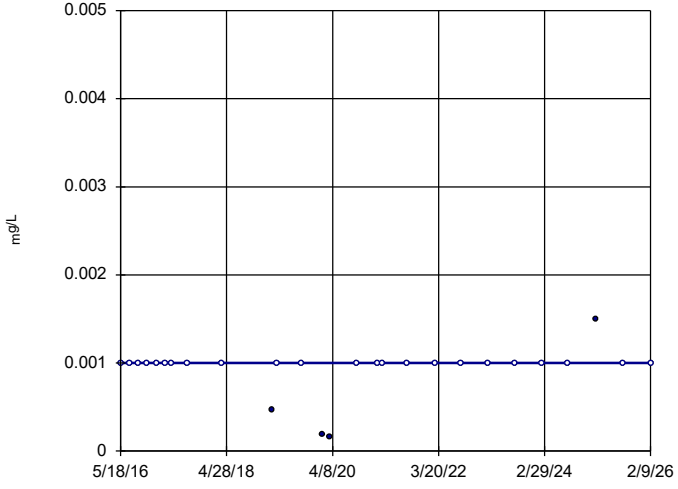
Trend not sig-
nificant at 95%
confidence level
(α = 0.025 per
tail).

Constituent: Lead Analysis Run 4/22/2026 1:15 PM View: Appendix IV - Upgradient Wells
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-4 (bg)



n = 27

Slope = 0
units per year.

Mann-Kendall
statistic = 26
critical = 96

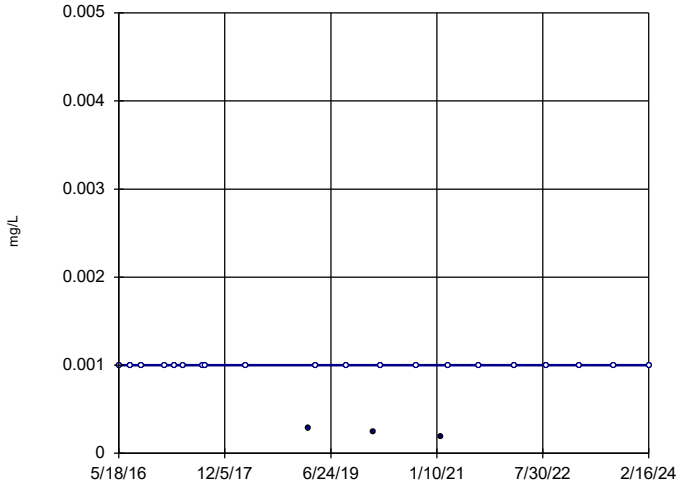
Trend not sig-
nificant at 95%
confidence level
(α = 0.025 per
tail).

Constituent: Lead Analysis Run 4/22/2026 1:15 PM View: Appendix IV - Upgradient Wells
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-5 (bg)



n = 23

Slope = 0
units per year.

Mann-Kendall
statistic = -9
critical = -76

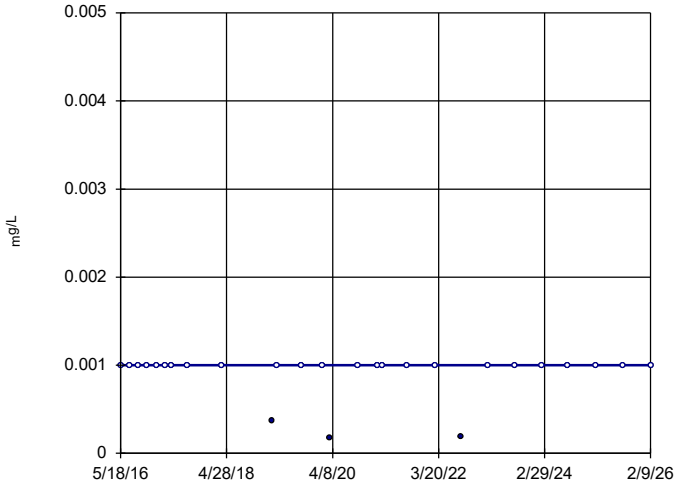
Trend not sig-
nificant at 95%
confidence level
(α = 0.025 per
tail).

Constituent: Lead Analysis Run 4/22/2026 1:15 PM View: Appendix IV - Upgradient Wells
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-6 (bg)



n = 27

Slope = 0
units per year.

Mann-Kendall
statistic = -5
critical = -96

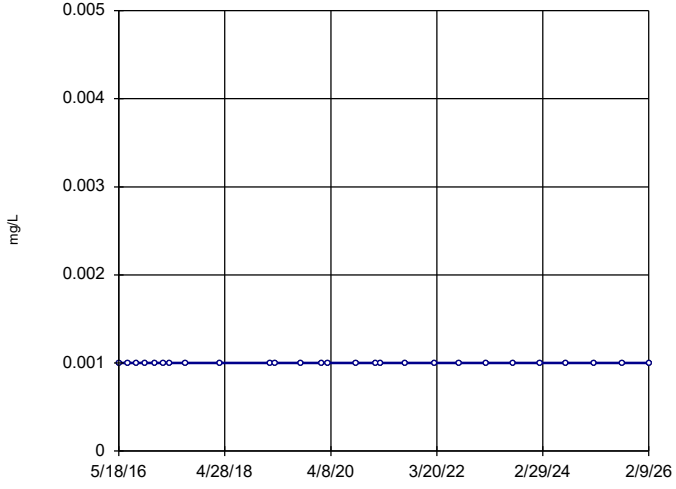
Trend not sig-
nificant at 95%
confidence level
(α = 0.025 per
tail).

Constituent: Lead Analysis Run 4/22/2026 1:15 PM View: Appendix IV - Upgradient Wells
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-7 (bg)



n = 27

Slope = 0
units per year.

Mann-Kendall
statistic = 0
critical = 96

Trend not sig-
nificant at 95%
confidence level
(α = 0.025 per
tail).

Constituent: Lead Analysis Run 4/22/2026 1:15 PM View: Appendix IV - Upgradient Wells
Plant Wansley Client: Southern Company Data: Wansley AP 1

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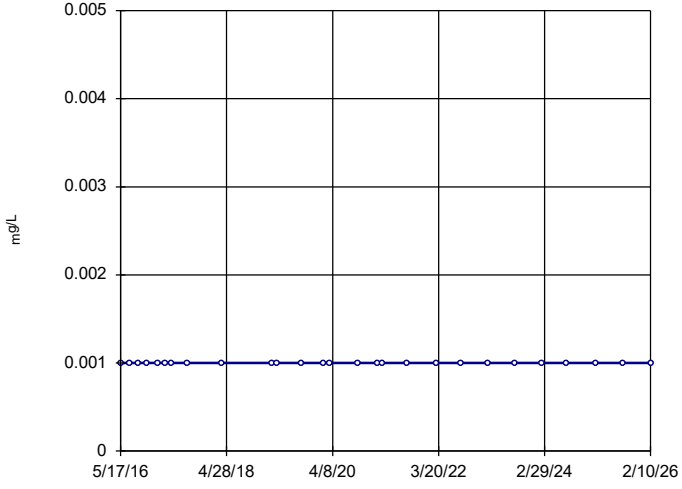
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-18 (bg)



n = 27

Slope = 0
units per year.

Mann-Kendall
statistic = 0
critical = 96

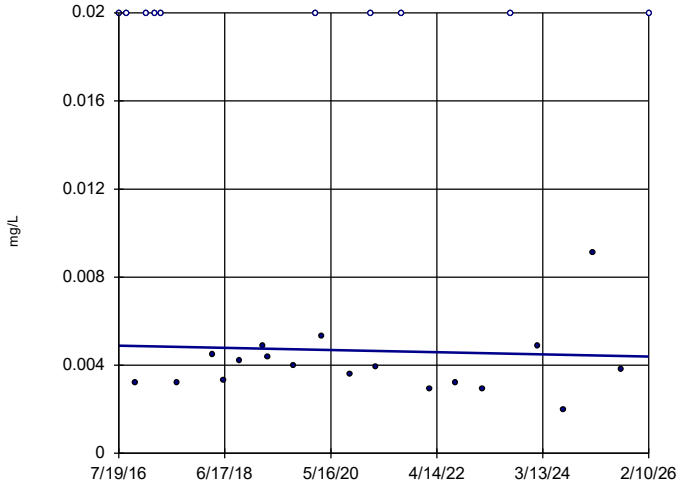
Trend not sig-
nificant at 95%
confidence level
(α = 0.025 per
tail).

Constituent: Lead Analysis Run 4/22/2026 1:15 PM View: Appendix IV - Upgradient Wells
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-1 (bg)



n = 28

Slope = -0.00005109 units per year.

Mann-Kendall statistic = -58 critical = -101

Trend not significant at 95% confidence level (α = 0.025 per tail).

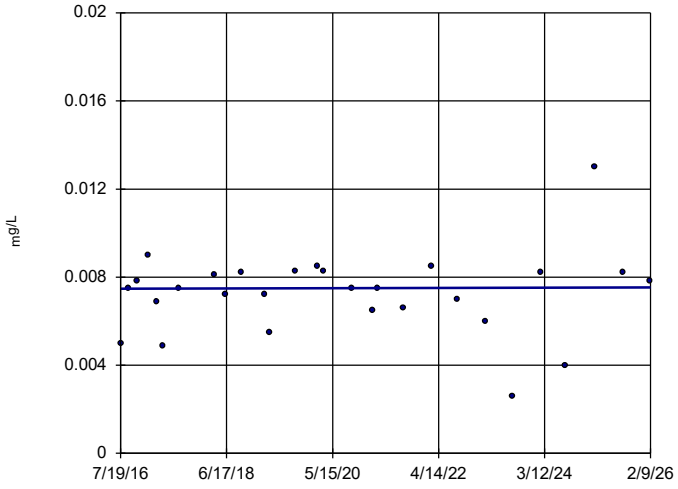
Constituent: Lithium Analysis Run 4/22/2026 1:15 PM View: Appendix IV - Upgradient Wells

Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG

Sen's Slope Estimator

WGWA-2 (bg)



n = 28

Slope = 0.000006772 units per year.

Mann-Kendall statistic = 13 critical = 101

Trend not significant at 95% confidence level (α = 0.025 per tail).

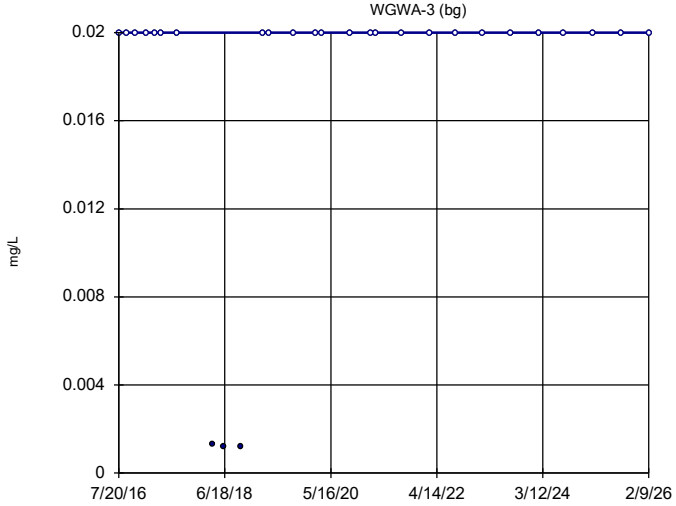
Constituent: Lithium Analysis Run 4/22/2026 1:15 PM View: Appendix IV - Upgradient Wells

Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-3 (bg)



n = 28

Slope = 0 units per year.

Mann-Kendall statistic = 31 critical = 101

Trend not significant at 95% confidence level (α = 0.025 per tail).

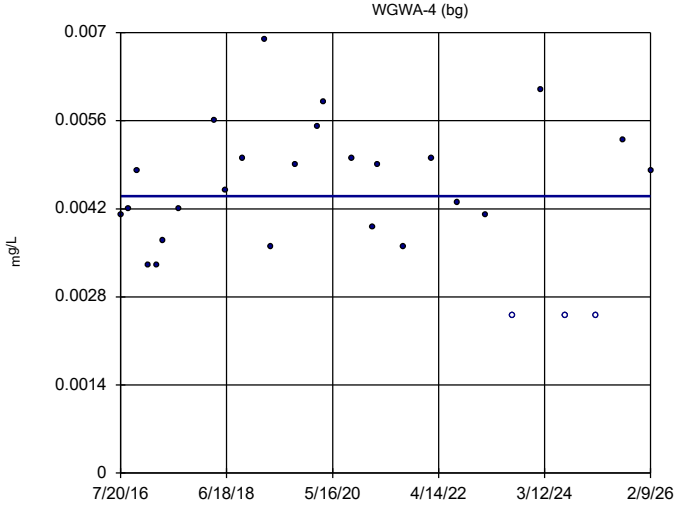
Constituent: Lithium Analysis Run 4/22/2026 1:15 PM View: Appendix IV - Upgradient Wells

Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-4 (bg)



n = 28

Slope = 0 units per year.

Mann-Kendall statistic = 8 critical = 101

Trend not significant at 95% confidence level (α = 0.025 per tail).

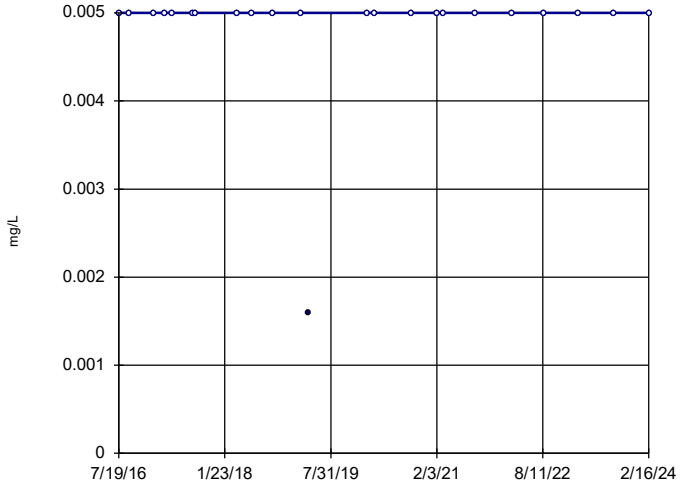
Constituent: Lithium Analysis Run 4/22/2026 1:15 PM View: Appendix IV - Upgradient Wells

Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-5 (bg)



n = 23

Slope = 0
units per year.

Mann-Kendall
statistic = 0
critical = 76

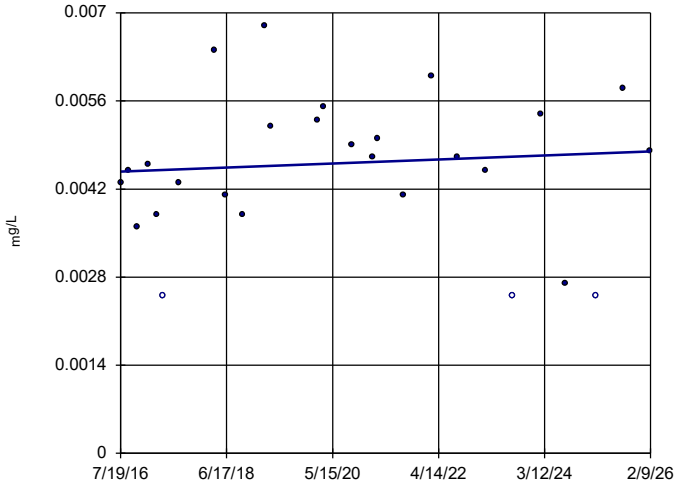
Trend not sig-
nificant at 95%
confidence level
(α = 0.025 per
tail).

Constituent: Lithium Analysis Run 4/22/2026 1:15 PM View: Appendix IV - Upgradient Wells
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-6 (bg)



n = 27

Slope = 0.00003377
units per year.

Mann-Kendall
statistic = 27
critical = 96

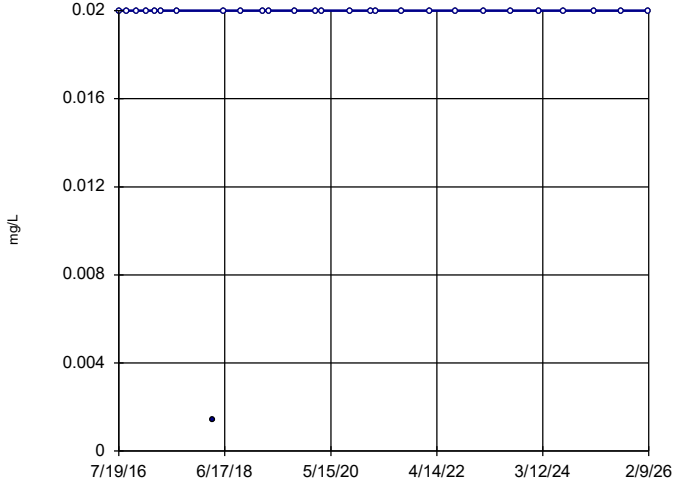
Trend not sig-
nificant at 95%
confidence level
(α = 0.025 per
tail).

Constituent: Lithium Analysis Run 4/22/2026 1:15 PM View: Appendix IV - Upgradient Wells
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-7 (bg)



n = 28

Slope = 0
units per year.

Mann-Kendall
statistic = 13
critical = 101

Trend not sig-
nificant at 95%
confidence level
(α = 0.025 per
tail).

Constituent: Lithium Analysis Run 4/22/2026 1:15 PM View: Appendix IV - Upgradient Wells
Plant Wansley Client: Southern Company Data: Wansley AP 1

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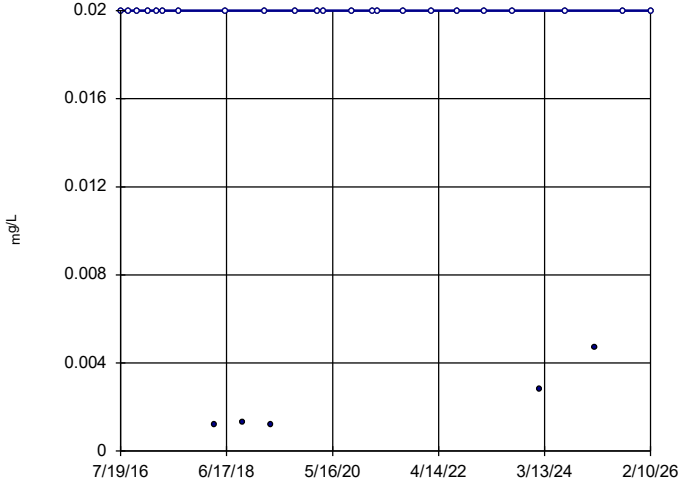
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-18 (bg)



n = 28

Slope = 0
units per year.

Mann-Kendall
statistic = -8
critical = -101

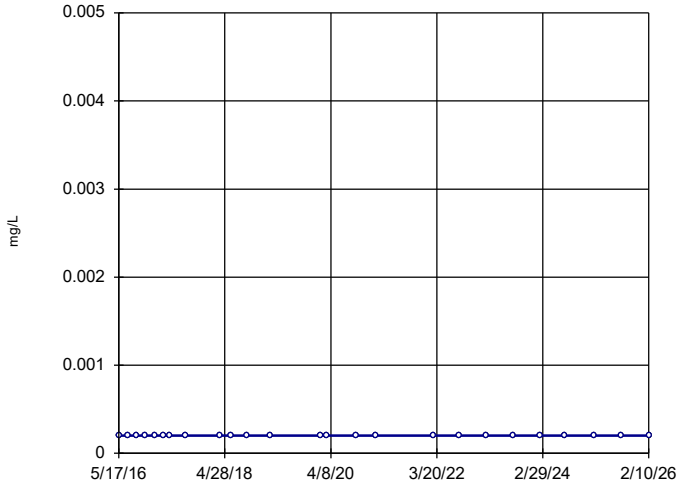
Trend not sig-
nificant at 95%
confidence level
(α = 0.025 per
tail).

Constituent: Lithium Analysis Run 4/22/2026 1:15 PM View: Appendix IV - Upgradient Wells
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-1 (bg)



n = 25

Slope = 0
units per year.

Mann-Kendall
statistic = 0
critical = 85

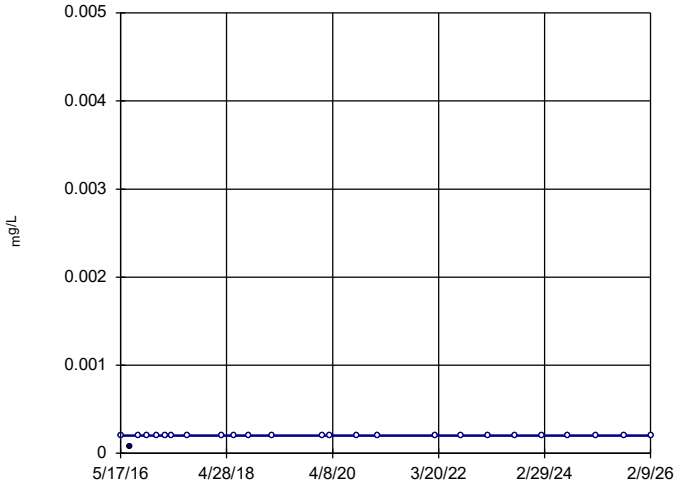
Trend not sig-
nificant at 95%
confidence level
(α = 0.025 per
tail).

Constituent: Mercury Analysis Run 4/22/2026 1:15 PM View: Appendix IV - Upgradient Wells
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-2 (bg)



n = 25

Slope = 0
units per year.

Mann-Kendall
statistic = 22
critical = 85

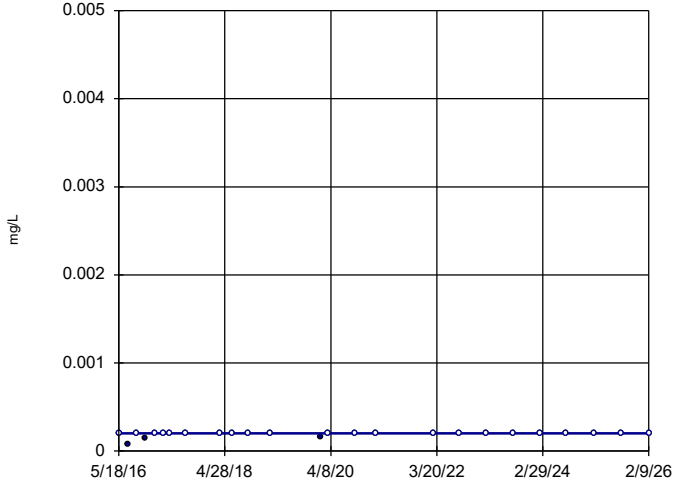
Trend not sig-
nificant at 95%
confidence level
(α = 0.025 per
tail).

Constituent: Mercury Analysis Run 4/22/2026 1:15 PM View: Appendix IV - Upgradient Wells
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-3 (bg)



n = 25

Slope = 0
units per year.

Mann-Kendall
statistic = 43
critical = 85

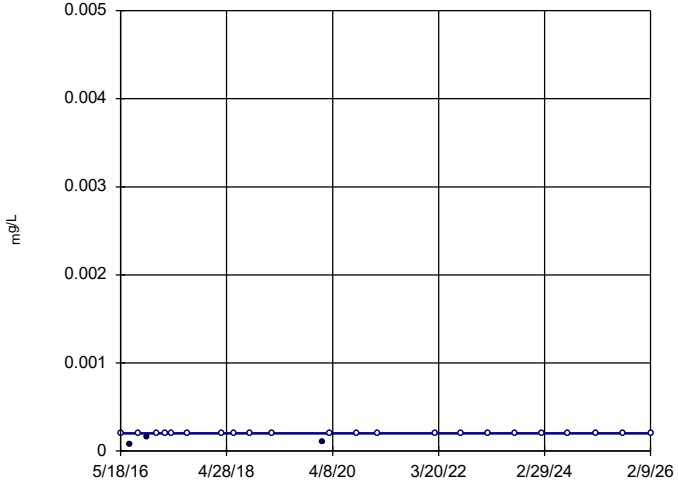
Trend not sig-
nificant at 95%
confidence level
(α = 0.025 per
tail).

Constituent: Mercury Analysis Run 4/22/2026 1:15 PM View: Appendix IV - Upgradient Wells
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-4 (bg)



n = 25

Slope = 0
units per year.

Mann-Kendall
statistic = 41
critical = 85

Trend not sig-
nificant at 95%
confidence level
(α = 0.025 per
tail).

Constituent: Mercury Analysis Run 4/22/2026 1:15 PM View: Appendix IV - Upgradient Wells
Plant Wansley Client: Southern Company Data: Wansley AP 1

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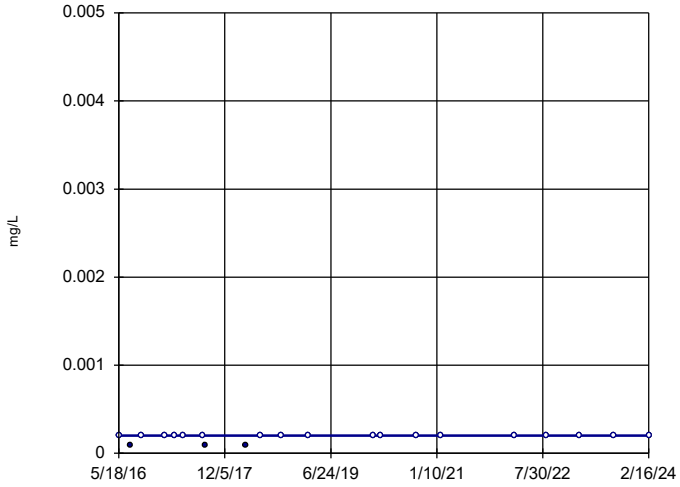
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-5 (bg)



n = 21

Slope = 0
units per year.

Mann-Kendall
statistic = 29
critical = 66

Trend not sig-
nificant at 95%
confidence level
(α = 0.025 per
tail).

Constituent: Mercury Analysis Run 4/22/2026 1:15 PM View: Appendix IV - Upgradient Wells
Plant Wansley Client: Southern Company Data: Wansley AP 1

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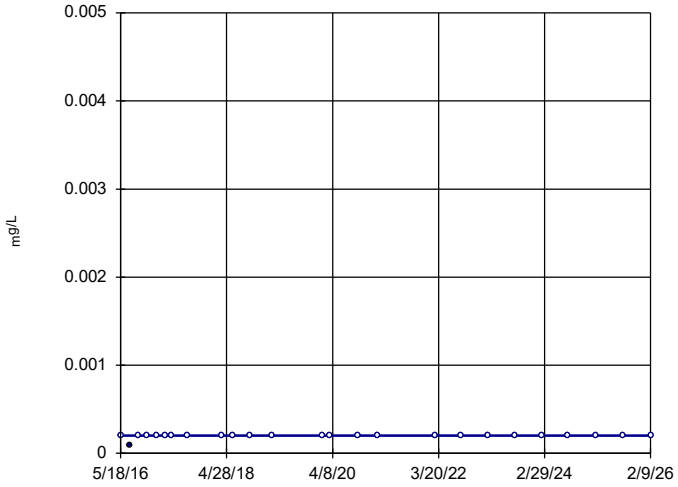
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-6 (bg)



n = 25

Slope = 0
units per year.

Mann-Kendall
statistic = 22
critical = 85

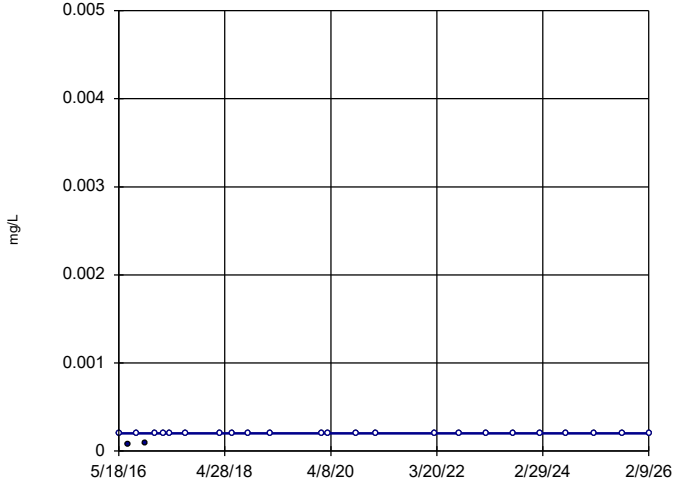
Trend not sig-
nificant at 95%
confidence level
(α = 0.025 per
tail).

Constituent: Mercury Analysis Run 4/22/2026 1:15 PM View: Appendix IV - Upgradient Wells
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-7 (bg)



n = 25

Slope = 0
units per year.

Mann-Kendall
statistic = 41
critical = 85

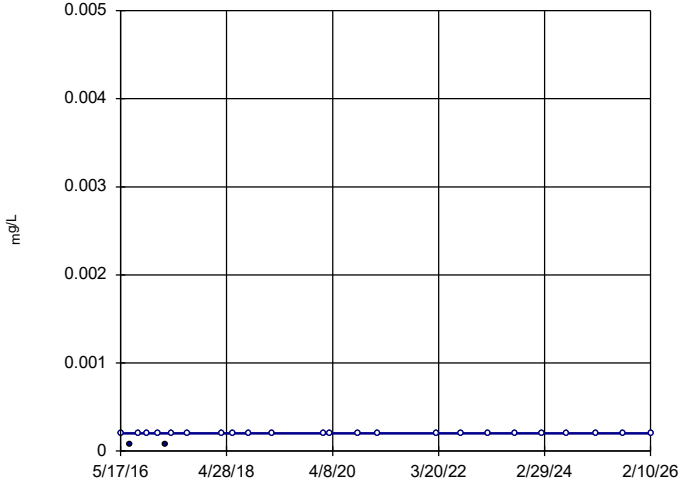
Trend not sig-
nificant at 95%
confidence level
(α = 0.025 per
tail).

Constituent: Mercury Analysis Run 4/22/2026 1:15 PM View: Appendix IV - Upgradient Wells
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-18 (bg)



n = 25

Slope = 0
units per year.

Mann-Kendall
statistic = 35
critical = 85

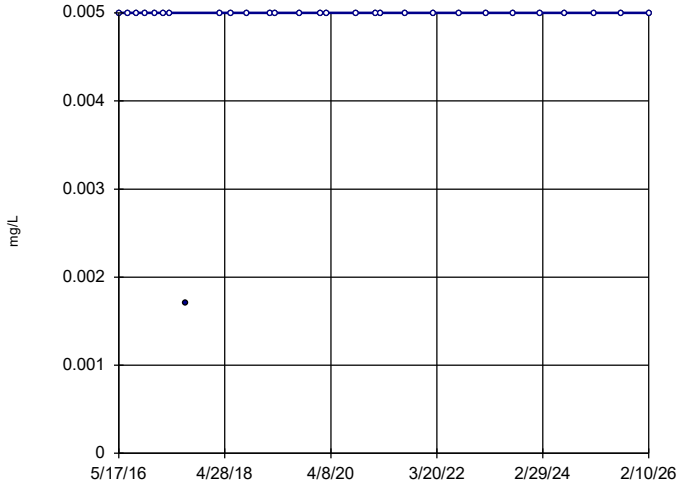
Trend not sig-
nificant at 95%
confidence level
(α = 0.025 per
tail).

Constituent: Mercury Analysis Run 4/22/2026 1:15 PM View: Appendix IV - Upgradient Wells
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-1 (bg)



n = 29

Slope = 0
units per year.

Mann-Kendall
statistic = 14
critical = 106

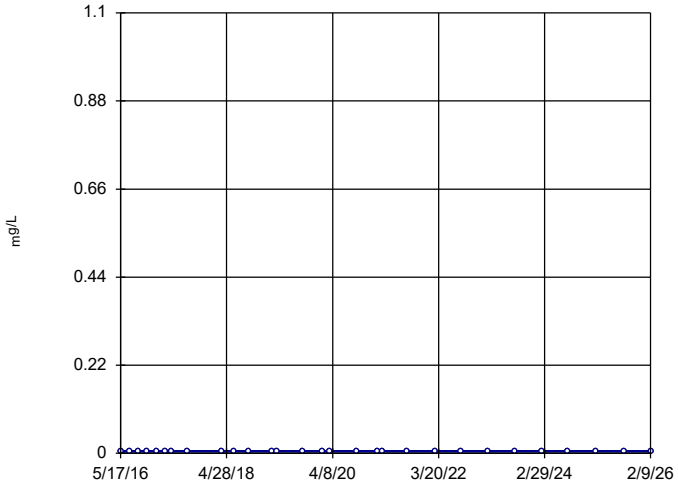
Trend not sig-
nificant at 95%
confidence level
(α = 0.025 per
tail).

Constituent: Molybdenum Analysis Run 4/22/2026 1:15 PM View: Appendix IV - Upgradient Wells
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-2 (bg)



n = 29

Slope = 0
units per year.

Mann-Kendall
statistic = 0
critical = 106

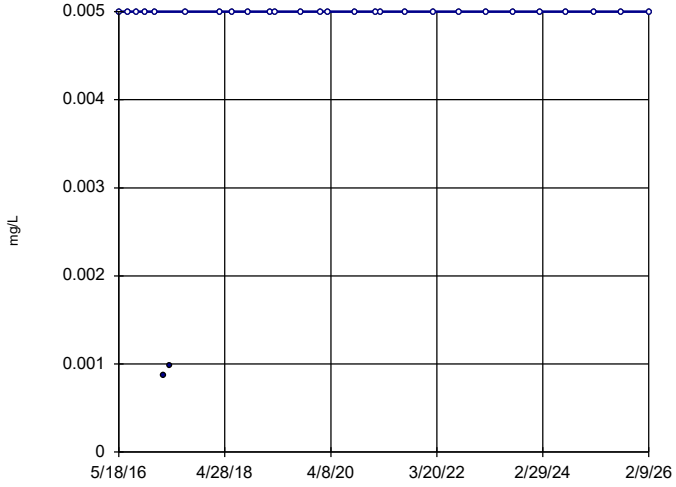
Trend not sig-
nificant at 95%
confidence level
(α = 0.025 per
tail).

Constituent: Molybdenum Analysis Run 4/22/2026 1:15 PM View: Appendix IV - Upgradient Wells
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-3 (bg)



n = 29

Slope = 0
units per year.

Mann-Kendall
statistic = 35
critical = 106

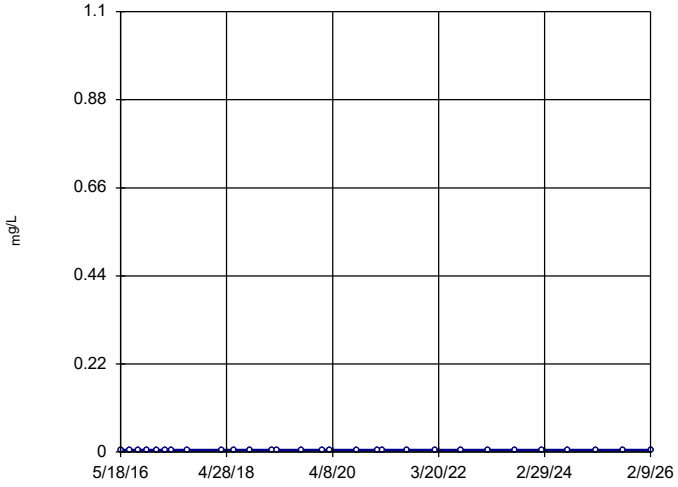
Trend not sig-
nificant at 95%
confidence level
(α = 0.025 per
tail).

Constituent: Molybdenum Analysis Run 4/22/2026 1:15 PM View: Appendix IV - Upgradient Wells
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-4 (bg)



n = 29

Slope = 0
units per year.

Mann-Kendall
statistic = 0
critical = 106

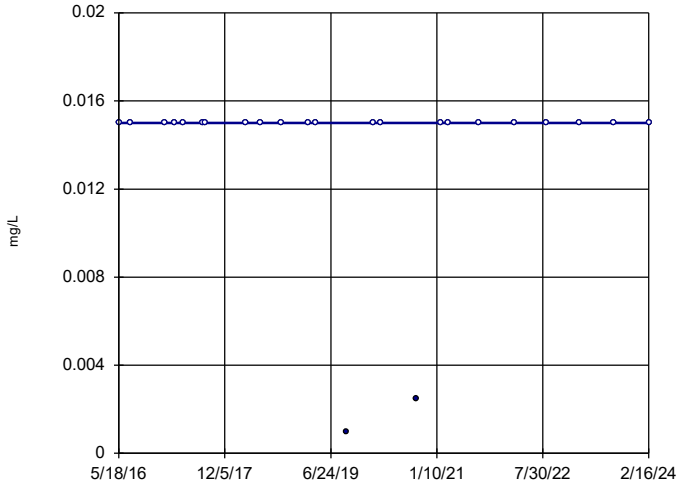
Trend not sig-
nificant at 95%
confidence level
(α = 0.025 per
tail).

Constituent: Molybdenum Analysis Run 4/22/2026 1:15 PM View: Appendix IV - Upgradient Wells
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-5 (bg)



n = 24

Slope = 0
units per year.

Mann-Kendall
statistic = -7
critical = -81

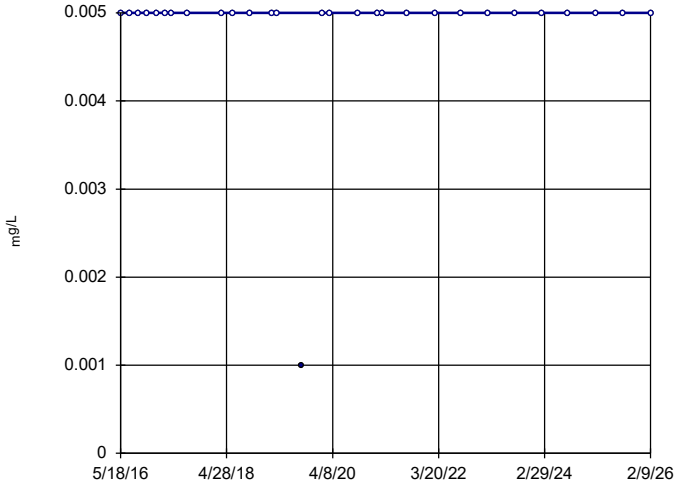
Trend not sig-
nificant at 95%
confidence level
(α = 0.025 per
tail).

Constituent: Molybdenum Analysis Run 4/22/2026 1:15 PM View: Appendix IV - Upgradient Wells
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-6 (bg)



n = 29

Slope = 0
units per year.

Mann-Kendall
statistic = 2
critical = 106

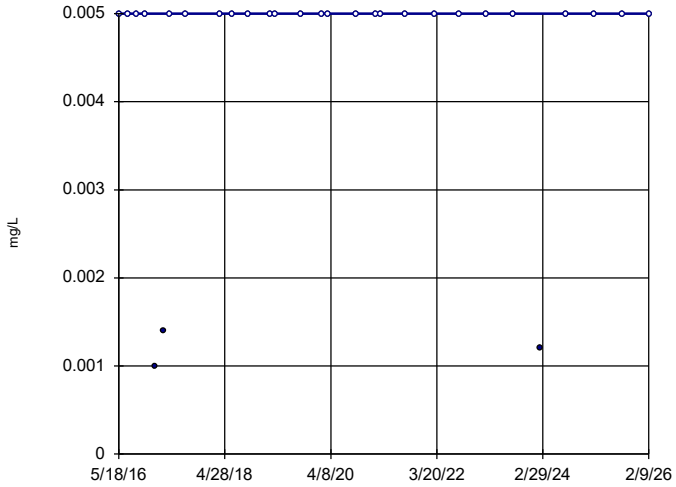
Trend not sig-
nificant at 95%
confidence level
(α = 0.025 per
tail).

Constituent: Molybdenum Analysis Run 4/22/2026 1:15 PM View: Appendix IV - Upgradient Wells
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-7 (bg)



n = 29

Slope = 0
units per year.

Mann-Kendall
statistic = 19
critical = 106

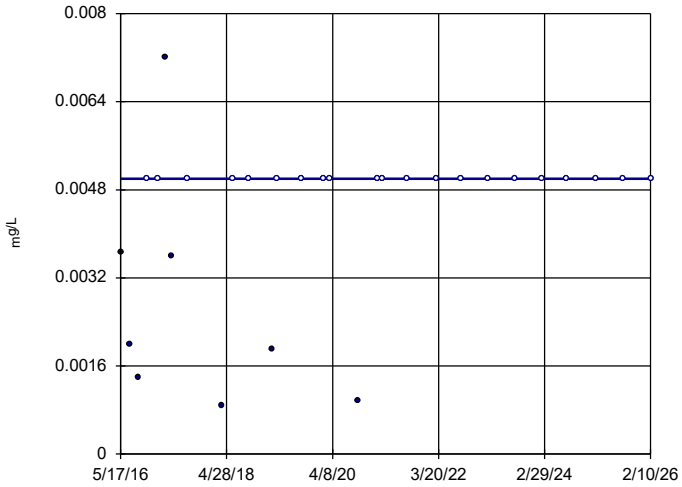
Trend not sig-
nificant at 95%
confidence level
(α = 0.025 per
tail).

Constituent: Molybdenum Analysis Run 4/22/2026 1:15 PM View: Appendix IV - Upgradient Wells
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-18 (bg)



n = 29

Slope = 0
units per year.

Mann-Kendall
statistic = 80
critical = 106

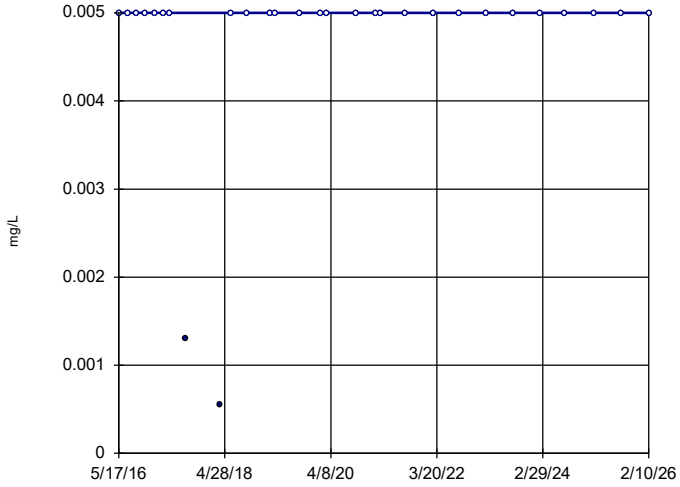
Trend not sig-
nificant at 95%
confidence level
(α = 0.025 per
tail).

Constituent: Molybdenum Analysis Run 4/22/2026 1:15 PM View: Appendix IV - Upgradient Wells
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-1 (bg)



n = 29

Slope = 0
units per year.

Mann-Kendall
statistic = 25
critical = 106

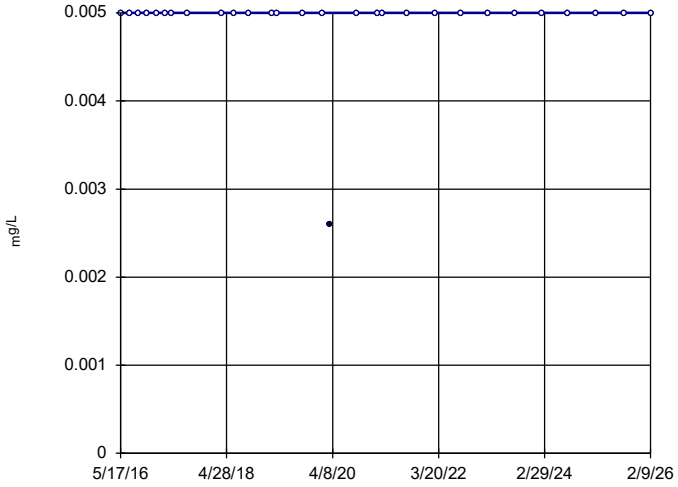
Trend not sig-
nificant at 95%
confidence level
(α = 0.025 per
tail).

Constituent: Selenium Analysis Run 4/22/2026 1:15 PM View: Appendix IV - Upgradient Wells
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-2 (bg)



n = 29

Slope = 0
units per year.

Mann-Kendall
statistic = -2
critical = -106

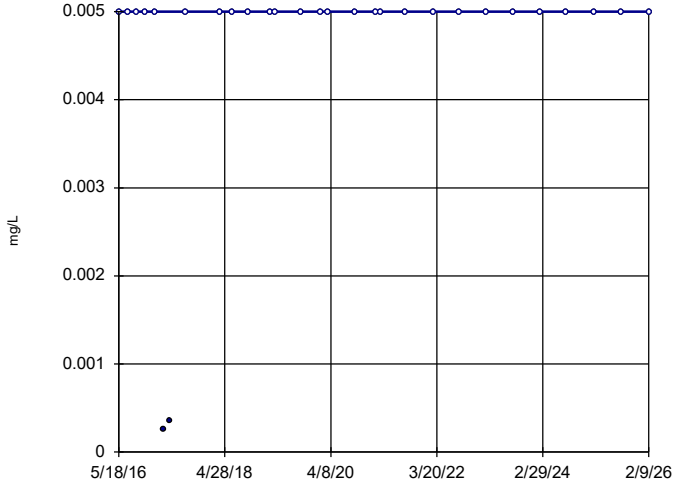
Trend not sig-
nificant at 95%
confidence level
(α = 0.025 per
tail).

Constituent: Selenium Analysis Run 4/22/2026 1:15 PM View: Appendix IV - Upgradient Wells
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-3 (bg)



n = 29

Slope = 0
units per year.

Mann-Kendall
statistic = 35
critical = 106

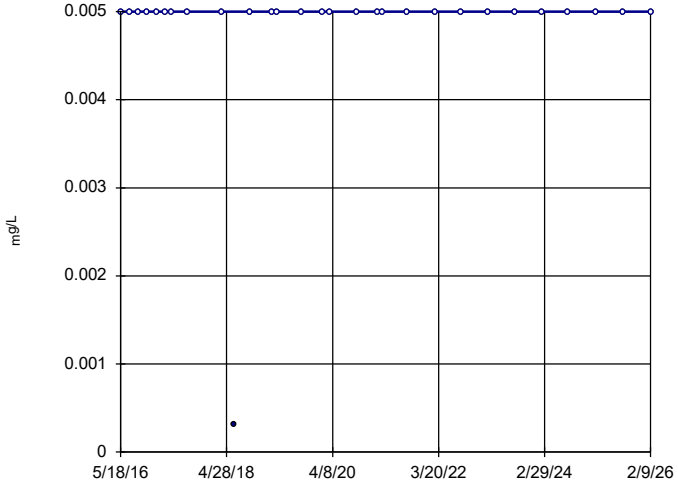
Trend not sig-
nificant at 95%
confidence level
(α = 0.025 per
tail).

Constituent: Selenium Analysis Run 4/22/2026 1:16 PM View: Appendix IV - Upgradient Wells
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-4 (bg)



n = 29

Slope = 0
units per year.

Mann-Kendall
statistic = 10
critical = 106

Trend not sig-
nificant at 95%
confidence level
(α = 0.025 per
tail).

Constituent: Selenium Analysis Run 4/22/2026 1:16 PM View: Appendix IV - Upgradient Wells
Plant Wansley Client: Southern Company Data: Wansley AP 1

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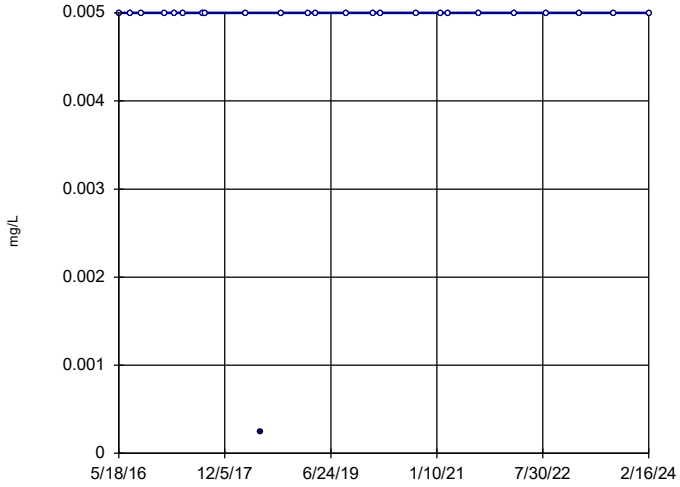
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-5 (bg)



n = 25

Slope = 0
units per year.

Mann-Kendall
statistic = 6
critical = 85

Trend not sig-
nificant at 95%
confidence level
(α = 0.025 per
tail).

Constituent: Selenium Analysis Run 4/22/2026 1:16 PM View: Appendix IV - Upgradient Wells
Plant Wansley Client: Southern Company Data: Wansley AP 1

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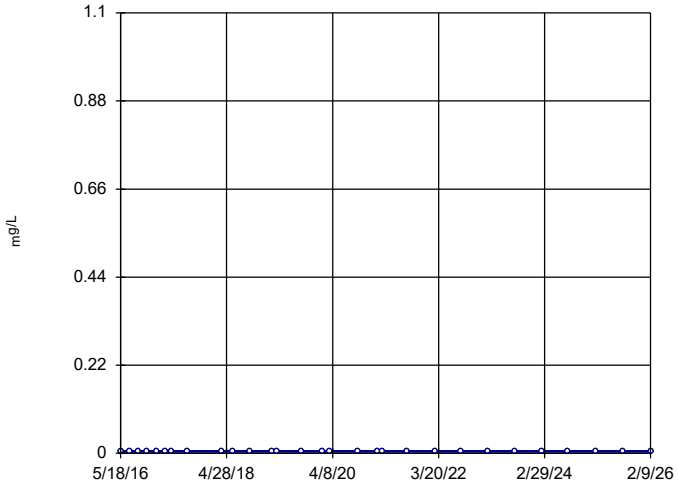
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-6 (bg)



n = 29

Slope = 0
units per year.

Mann-Kendall
statistic = 0
critical = 106

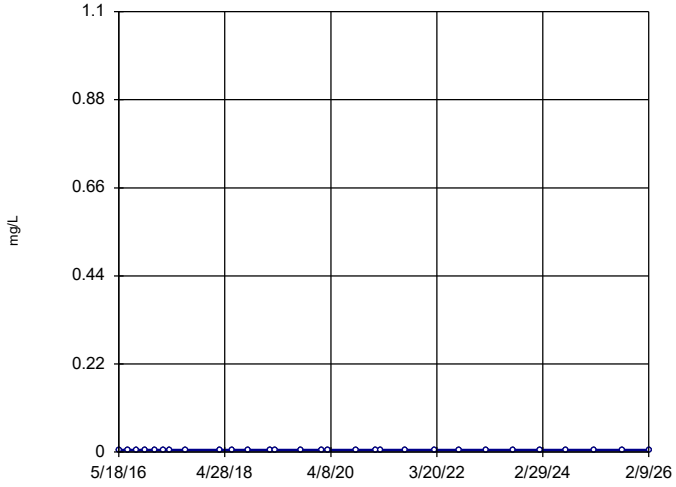
Trend not sig-
nificant at 95%
confidence level
(α = 0.025 per
tail).

Constituent: Selenium Analysis Run 4/22/2026 1:16 PM View: Appendix IV - Upgradient Wells
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-7 (bg)



n = 29

Slope = 0
units per year.

Mann-Kendall
statistic = 0
critical = 106

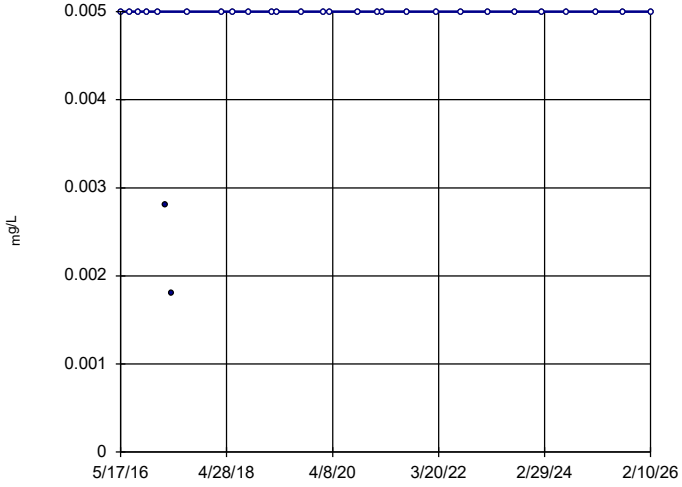
Trend not sig-
nificant at 95%
confidence level
(α = 0.025 per
tail).

Constituent: Selenium Analysis Run 4/22/2026 1:16 PM View: Appendix IV - Upgradient Wells
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-18 (bg)



n = 29

Slope = 0
units per year.

Mann-Kendall
statistic = 33
critical = 106

Trend not sig-
nificant at 95%
confidence level
(α = 0.025 per
tail).

Constituent: Selenium Analysis Run 4/22/2026 1:16 PM View: Appendix IV - Upgradient Wells
Plant Wansley Client: Southern Company Data: Wansley AP 1

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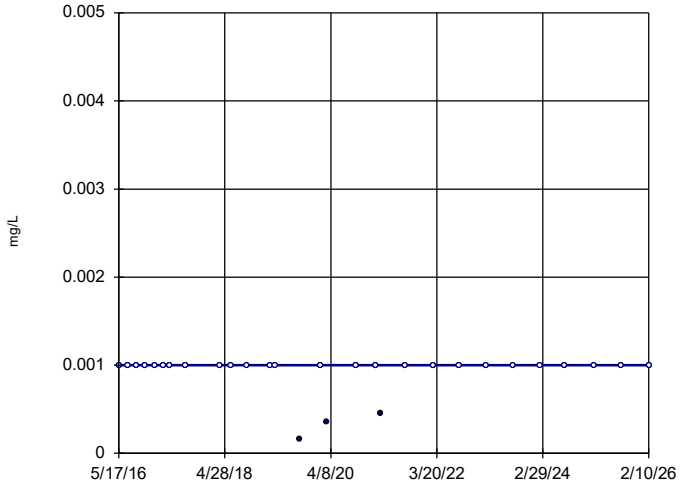
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-1 (bg)



n = 29

Slope = 0
units per year.

Mann-Kendall
statistic = -5
critical = -106

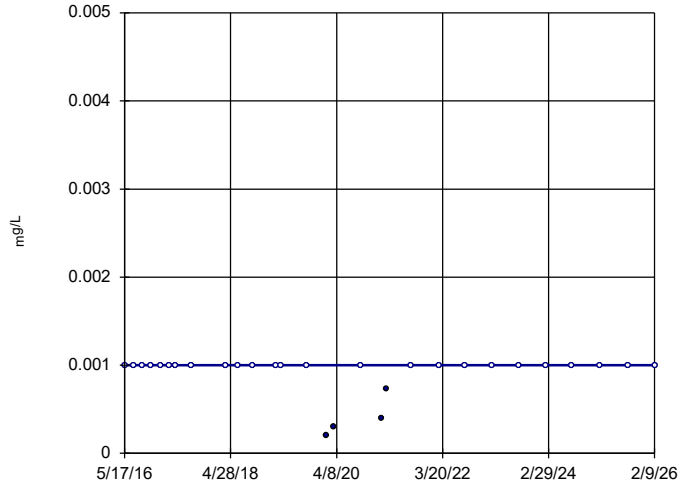
Trend not sig-
nificant at 95%
confidence level
(α = 0.025 per
tail).

Constituent: Thallium Analysis Run 4/22/2026 1:16 PM View: Appendix IV - Upgradient Wells
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-2 (bg)



n = 29

Slope = 0
units per year.

Mann-Kendall
statistic = -10
critical = -106

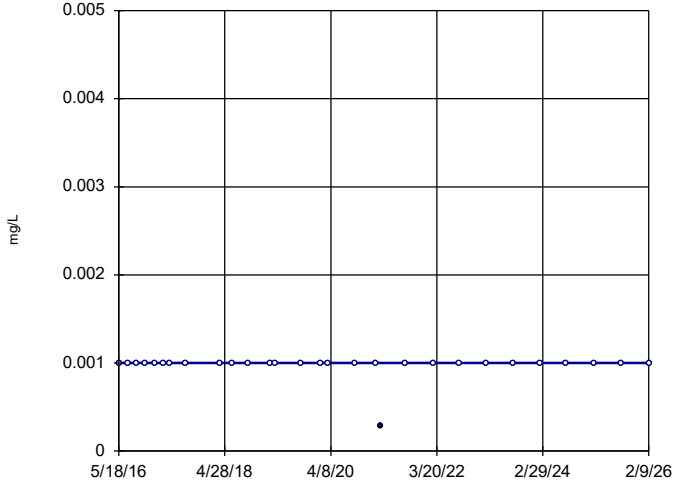
Trend not sig-
nificant at 95%
confidence level
(α = 0.025 per
tail).

Constituent: Thallium Analysis Run 4/22/2026 1:16 PM View: Appendix IV - Upgradient Wells
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-3 (bg)



n = 29

Slope = 0
units per year.

Mann-Kendall
statistic = -8
critical = -106

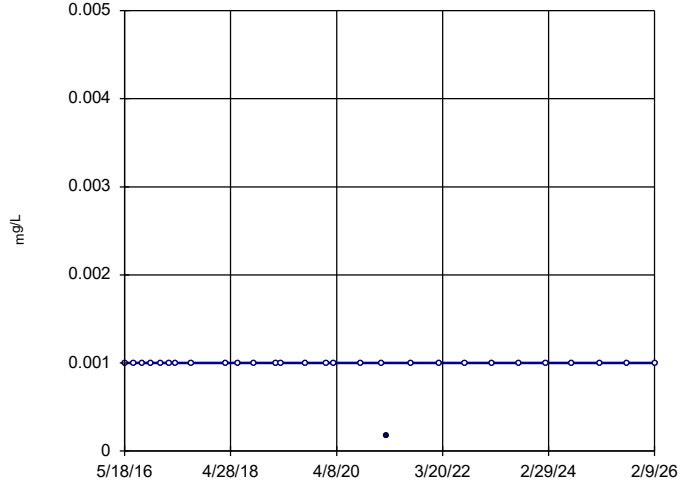
Trend not sig-
nificant at 95%
confidence level
(α = 0.025 per
tail).

Constituent: Thallium Analysis Run 4/22/2026 1:16 PM View: Appendix IV - Upgradient Wells
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-4 (bg)



n = 29

Slope = 0
units per year.

Mann-Kendall
statistic = -8
critical = -106

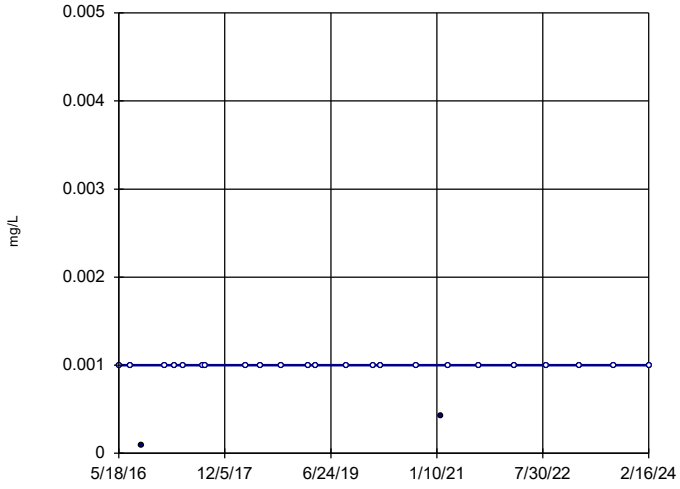
Trend not sig-
nificant at 95%
confidence level
(α = 0.025 per
tail).

Constituent: Thallium Analysis Run 4/22/2026 1:16 PM View: Appendix IV - Upgradient Wells
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-5 (bg)



n = 25

Slope = 0
units per year.

Mann-Kendall
statistic = 11
critical = 85

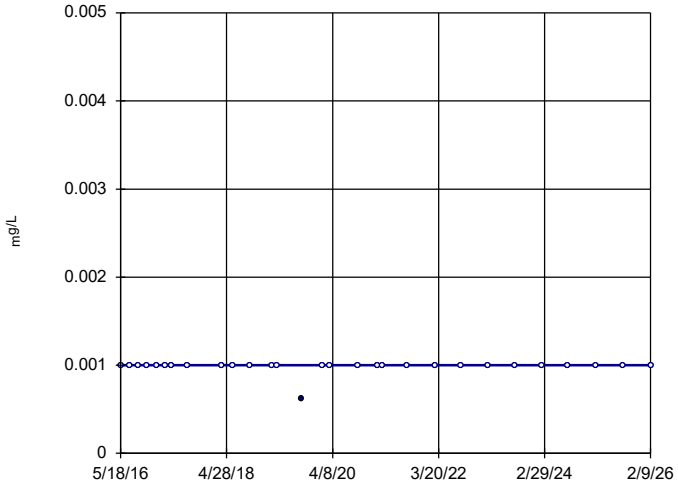
Trend not sig-
nificant at 95%
confidence level
(α = 0.025 per
tail).

Constituent: Thallium Analysis Run 4/22/2026 1:16 PM View: Appendix IV - Upgradient Wells
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-6 (bg)



n = 29

Slope = 0
units per year.

Mann-Kendall
statistic = 2
critical = 106

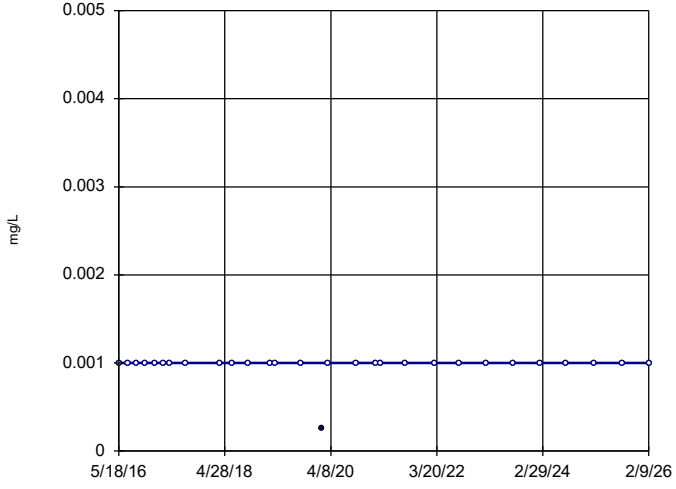
Trend not sig-
nificant at 95%
confidence level
(α = 0.025 per
tail).

Constituent: Thallium Analysis Run 4/22/2026 1:16 PM View: Appendix IV - Upgradient Wells
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-7 (bg)



n = 29

Slope = 0
units per year.

Mann-Kendall
statistic = 0
critical = 106

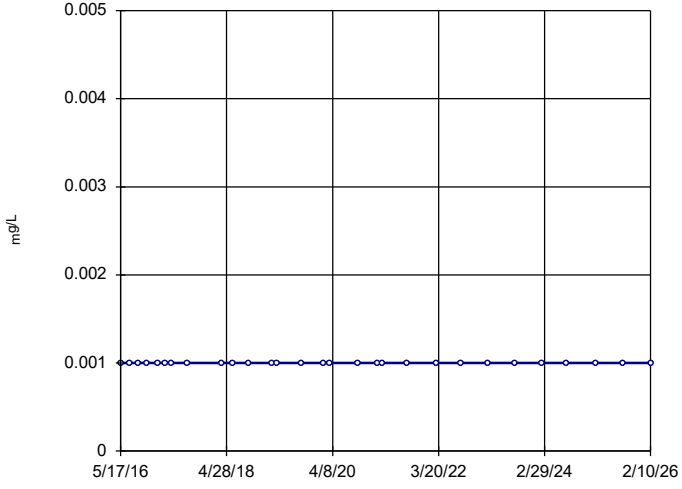
Trend not sig-
nificant at 95%
confidence level
(α = 0.025 per
tail).

Constituent: Thallium Analysis Run 4/22/2026 1:16 PM View: Appendix IV - Upgradient Wells
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-18 (bg)



n = 29

Slope = 0
units per year.

Mann-Kendall
statistic = 0
critical = 106

Trend not sig-
nificant at 95%
confidence level
(α = 0.025 per
tail).

Constituent: Thallium Analysis Run 4/22/2026 1:16 PM View: Appendix IV - Upgradient Wells
Plant Wansley Client: Southern Company Data: Wansley AP 1

FIGURE E.

Appendix III Interwell Prediction Limits - Significant Results

Plant Wansley Client: Southern Company Data: Wansley AP 1 Printed 4/20/2026, 4:16 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron (mg/L)	WGWC-9	0.1	n/a	2/13/2026	0.61	Yes	204	n/a	n/a	95.59	n/a	n/a	0.00004906	NP Inter (NDs) 1 of 2
Boron (mg/L)	WGWC-16	0.1	n/a	2/10/2026	0.49	Yes	204	n/a	n/a	95.59	n/a	n/a	0.00004906	NP Inter (NDs) 1 of 2
Boron (mg/L)	WGWC-20	0.1	n/a	2/10/2026	4.9	Yes	204	n/a	n/a	95.59	n/a	n/a	0.00004906	NP Inter (NDs) 1 of 2
Boron (mg/L)	WGWC-22	0.1	n/a	2/11/2026	0.29	Yes	204	n/a	n/a	95.59	n/a	n/a	0.00004906	NP Inter (NDs) 1 of 2
Boron (mg/L)	WGWC-24	0.1	n/a	2/10/2026	0.81	Yes	204	n/a	n/a	95.59	n/a	n/a	0.00004906	NP Inter (NDs) 1 of 2
Boron (mg/L)	WGWC-25	0.1	n/a	2/11/2026	0.71	Yes	204	n/a	n/a	95.59	n/a	n/a	0.00004906	NP Inter (NDs) 1 of 2
Boron (mg/L)	WGWC-27	0.1	n/a	2/10/2026	0.16	Yes	204	n/a	n/a	95.59	n/a	n/a	0.00004906	NP Inter (NDs) 1 of 2
Boron (mg/L)	WGWC-28D	0.1	n/a	2/12/2026	8.9	Yes	204	n/a	n/a	95.59	n/a	n/a	0.00004906	NP Inter (NDs) 1 of 2
Calcium (mg/L)	WGWC-20	58	n/a	2/10/2026	170	Yes	212	n/a	n/a	0	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
Calcium (mg/L)	WGWC-28D	58	n/a	2/12/2026	330	Yes	212	n/a	n/a	0	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
Chloride (mg/L)	WGWC-16	6.05	n/a	2/10/2026	23	Yes	212	n/a	n/a	0.4717	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
Chloride (mg/L)	WGWC-20	6.05	n/a	2/10/2026	180	Yes	212	n/a	n/a	0.4717	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
Chloride (mg/L)	WGWC-21	6.05	n/a	2/11/2026	62	Yes	212	n/a	n/a	0.4717	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
Chloride (mg/L)	WGWC-24	6.05	n/a	2/10/2026	17	Yes	212	n/a	n/a	0.4717	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
Chloride (mg/L)	WGWC-25	6.05	n/a	2/11/2026	44	Yes	212	n/a	n/a	0.4717	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
Chloride (mg/L)	WGWC-27	6.05	n/a	2/10/2026	20	Yes	212	n/a	n/a	0.4717	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
Chloride (mg/L)	WGWC-28D	6.05	n/a	2/12/2026	740	Yes	212	n/a	n/a	0.4717	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
Fluoride (mg/L)	WGWC-9	0.284	n/a	2/13/2026	0.96	Yes	236	n/a	n/a	47.88	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
Fluoride (mg/L)	WGWC-15	0.284	n/a	2/10/2026	0.83	Yes	236	n/a	n/a	47.88	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
Fluoride (mg/L)	WGWC-19	0.284	n/a	2/11/2026	0.35	Yes	236	n/a	n/a	47.88	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
Fluoride (mg/L)	WGWC-20	0.284	n/a	2/10/2026	2	Yes	236	n/a	n/a	47.88	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
Fluoride (mg/L)	WGWC-21	0.284	n/a	2/11/2026	2	Yes	236	n/a	n/a	47.88	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
Fluoride (mg/L)	WGWC-27	0.284	n/a	2/10/2026	0.8	Yes	236	n/a	n/a	47.88	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
Fluoride (mg/L)	WGWC-28D	0.284	n/a	2/12/2026	1.9	Yes	236	n/a	n/a	47.88	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
Sulfate (mg/L)	WGWC-9	21	n/a	2/13/2026	78	Yes	212	n/a	n/a	24.53	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
Sulfate (mg/L)	WGWC-16	21	n/a	2/10/2026	35	Yes	212	n/a	n/a	24.53	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
Sulfate (mg/L)	WGWC-20	21	n/a	2/10/2026	390	Yes	212	n/a	n/a	24.53	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
Sulfate (mg/L)	WGWC-21	21	n/a	2/11/2026	270	Yes	212	n/a	n/a	24.53	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
Sulfate (mg/L)	WGWC-22	21	n/a	2/11/2026	61	Yes	212	n/a	n/a	24.53	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
Sulfate (mg/L)	WGWC-24	21	n/a	2/10/2026	60	Yes	212	n/a	n/a	24.53	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
Sulfate (mg/L)	WGWC-25	21	n/a	2/11/2026	26	Yes	212	n/a	n/a	24.53	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
Sulfate (mg/L)	WGWC-27	21	n/a	2/10/2026	22	Yes	212	n/a	n/a	24.53	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
Sulfate (mg/L)	WGWC-28D	21	n/a	2/12/2026	670	Yes	212	n/a	n/a	24.53	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
TDS (mg/L)	WGWC-20	190	n/a	2/10/2026	880	Yes	212	n/a	n/a	5.189	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
TDS (mg/L)	WGWC-21	190	n/a	2/11/2026	590	Yes	212	n/a	n/a	5.189	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
TDS (mg/L)	WGWC-28D	190	n/a	2/12/2026	2100	Yes	212	n/a	n/a	5.189	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2

Appendix III Interwell Prediction Limits - All Results

Plant Wansley Client: Southern Company Data: Wansley AP 1 Printed 4/20/2026, 4:16 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron (mg/L)	**WGWC-9**	**0.1**	**n/a**	**2/13/2026**	**0.61**	**Yes**	**204**	**n/a**	**n/a**	**95.59**	**n/a**	**n/a**	**0.00004906**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	WGWC-10	0.1	n/a	2/10/2026	0.08ND	No	204	n/a	n/a	95.59	n/a	n/a	0.00004906	NP Inter (NDs) 1 of 2
Boron (mg/L)	WGWC-11	0.1	n/a	2/10/2026	0.08ND	No	204	n/a	n/a	95.59	n/a	n/a	0.00004906	NP Inter (NDs) 1 of 2
Boron (mg/L)	WGWC-12	0.1	n/a	2/11/2026	0.08ND	No	204	n/a	n/a	95.59	n/a	n/a	0.00004906	NP Inter (NDs) 1 of 2
Boron (mg/L)	WGWC-13	0.1	n/a	2/10/2026	0.08ND	No	204	n/a	n/a	95.59	n/a	n/a	0.00004906	NP Inter (NDs) 1 of 2
Boron (mg/L)	WGWC-14A	0.1	n/a	2/10/2026	0.08ND	No	204	n/a	n/a	95.59	n/a	n/a	0.00004906	NP Inter (NDs) 1 of 2
Boron (mg/L)	WGWC-15	0.1	n/a	2/10/2026	0.08ND	No	204	n/a	n/a	95.59	n/a	n/a	0.00004906	NP Inter (NDs) 1 of 2
Boron (mg/L)	**WGWC-16**	**0.1**	**n/a**	**2/10/2026**	**0.49**	**Yes**	**204**	**n/a**	**n/a**	**95.59**	**n/a**	**n/a**	**0.00004906**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	WGWC-17	0.1	n/a	2/11/2026	0.08ND	No	204	n/a	n/a	95.59	n/a	n/a	0.00004906	NP Inter (NDs) 1 of 2
Boron (mg/L)	WGWC-19	0.1	n/a	2/11/2026	0.08ND	No	204	n/a	n/a	95.59	n/a	n/a	0.00004906	NP Inter (NDs) 1 of 2
Boron (mg/L)	**WGWC-20**	**0.1**	**n/a**	**2/10/2026**	**4.9**	**Yes**	**204**	**n/a**	**n/a**	**95.59**	**n/a**	**n/a**	**0.00004906**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	WGWC-21	0.1	n/a	2/11/2026	0.081	No	204	n/a	n/a	95.59	n/a	n/a	0.00004906	NP Inter (NDs) 1 of 2
Boron (mg/L)	**WGWC-22**	**0.1**	**n/a**	**2/11/2026**	**0.29**	**Yes**	**204**	**n/a**	**n/a**	**95.59**	**n/a**	**n/a**	**0.00004906**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	WGWC-23	0.1	n/a	2/11/2026	0.08ND	No	204	n/a	n/a	95.59	n/a	n/a	0.00004906	NP Inter (NDs) 1 of 2
Boron (mg/L)	**WGWC-24**	**0.1**	**n/a**	**2/10/2026**	**0.81**	**Yes**	**204**	**n/a**	**n/a**	**95.59**	**n/a**	**n/a**	**0.00004906**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**WGWC-25**	**0.1**	**n/a**	**2/11/2026**	**0.71**	**Yes**	**204**	**n/a**	**n/a**	**95.59**	**n/a**	**n/a**	**0.00004906**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**WGWC-27**	**0.1**	**n/a**	**2/10/2026**	**0.16**	**Yes**	**204**	**n/a**	**n/a**	**95.59**	**n/a**	**n/a**	**0.00004906**	**NP Inter (NDs) 1 of 2**
Boron (mg/L)	**WGWC-28D**	**0.1**	**n/a**	**2/12/2026**	**8.9**	**Yes**	**204**	**n/a**	**n/a**	**95.59**	**n/a**	**n/a**	**0.00004906**	**NP Inter (NDs) 1 of 2**
Calcium (mg/L)	WGWC-9	58	n/a	2/13/2026	12	No	212	n/a	n/a	0	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
Calcium (mg/L)	WGWC-10	58	n/a	2/10/2026	8.1	No	212	n/a	n/a	0	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
Calcium (mg/L)	WGWC-11	58	n/a	2/10/2026	1.8	No	212	n/a	n/a	0	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
Calcium (mg/L)	WGWC-12	58	n/a	2/11/2026	14	No	212	n/a	n/a	0	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
Calcium (mg/L)	WGWC-13	58	n/a	2/10/2026	5.7	No	212	n/a	n/a	0	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
Calcium (mg/L)	WGWC-14A	58	n/a	2/10/2026	0.67	No	212	n/a	n/a	0	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
Calcium (mg/L)	WGWC-15	58	n/a	2/10/2026	31	No	212	n/a	n/a	0	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
Calcium (mg/L)	WGWC-16	58	n/a	2/10/2026	15	No	212	n/a	n/a	0	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
Calcium (mg/L)	WGWC-17	58	n/a	2/11/2026	6.7	No	212	n/a	n/a	0	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
Calcium (mg/L)	WGWC-19	58	n/a	2/11/2026	12	No	212	n/a	n/a	0	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
Calcium (mg/L)	**WGWC-20**	**58**	**n/a**	**2/10/2026**	**170**	**Yes**	**212**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.00004906**	**NP Inter (normality) 1 of 2**
Calcium (mg/L)	WGWC-21	58	n/a	2/11/2026	50	No	212	n/a	n/a	0	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
Calcium (mg/L)	WGWC-22	58	n/a	2/11/2026	13	No	212	n/a	n/a	0	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
Calcium (mg/L)	WGWC-23	58	n/a	2/11/2026	2.7	No	212	n/a	n/a	0	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
Calcium (mg/L)	WGWC-24	58	n/a	2/10/2026	19	No	212	n/a	n/a	0	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
Calcium (mg/L)	WGWC-25	58	n/a	2/11/2026	18	No	212	n/a	n/a	0	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
Calcium (mg/L)	WGWC-27	58	n/a	2/10/2026	15	No	212	n/a	n/a	0	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
Calcium (mg/L)	**WGWC-28D**	**58**	**n/a**	**2/12/2026**	**330**	**Yes**	**212**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.00004906**	**NP Inter (normality) 1 of 2**
Chloride (mg/L)	WGWC-9	6.05	n/a	2/13/2026	5.9	No	212	n/a	n/a	0.4717	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
Chloride (mg/L)	WGWC-10	6.05	n/a	2/10/2026	1.7	No	212	n/a	n/a	0.4717	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
Chloride (mg/L)	WGWC-11	6.05	n/a	2/10/2026	4.3	No	212	n/a	n/a	0.4717	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
Chloride (mg/L)	WGWC-12	6.05	n/a	2/11/2026	4	No	212	n/a	n/a	0.4717	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
Chloride (mg/L)	WGWC-13	6.05	n/a	2/10/2026	1.4	No	212	n/a	n/a	0.4717	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
Chloride (mg/L)	WGWC-14A	6.05	n/a	2/10/2026	2.4	No	212	n/a	n/a	0.4717	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
Chloride (mg/L)	WGWC-15	6.05	n/a	2/10/2026	1.3	No	212	n/a	n/a	0.4717	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
Chloride (mg/L)	**WGWC-16**	**6.05**	**n/a**	**2/10/2026**	**23**	**Yes**	**212**	**n/a**	**n/a**	**0.4717**	**n/a**	**n/a**	**0.00004906**	**NP Inter (normality) 1 of 2**
Chloride (mg/L)	WGWC-17	6.05	n/a	2/11/2026	1.6	No	212	n/a	n/a	0.4717	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
Chloride (mg/L)	WGWC-19	6.05	n/a	2/11/2026	3.4	No	212	n/a	n/a	0.4717	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
Chloride (mg/L)	**WGWC-20**	**6.05**	**n/a**	**2/10/2026**	**180**	**Yes**	**212**	**n/a**	**n/a**	**0.4717**	**n/a**	**n/a**	**0.00004906**	**NP Inter (normality) 1 of 2**
Chloride (mg/L)	**WGWC-21**	**6.05**	**n/a**	**2/11/2026**	**62**	**Yes**	**212**	**n/a**	**n/a**	**0.4717**	**n/a**	**n/a**	**0.00004906**	**NP Inter (normality) 1 of 2**
Chloride (mg/L)	WGWC-22	6.05	n/a	2/11/2026	4.7	No	212	n/a	n/a	0.4717	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
Chloride (mg/L)	WGWC-23	6.05	n/a	2/11/2026	3.3	No	212	n/a	n/a	0.4717	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
Chloride (mg/L)	**WGWC-24**	**6.05**	**n/a**	**2/10/2026**	**17**	**Yes**	**212**	**n/a**	**n/a**	**0.4717**	**n/a**	**n/a**	**0.00004906**	**NP Inter (normality) 1 of 2**
Chloride (mg/L)	**WGWC-25**	**6.05**	**n/a**	**2/11/2026**	**44**	**Yes**	**212**	**n/a**	**n/a**	**0.4717**	**n/a**	**n/a**	**0.00004906**	**NP Inter (normality) 1 of 2**
Chloride (mg/L)	**WGWC-27**	**6.05**	**n/a**	**2/10/2026**	**20**	**Yes**	**212**	**n/a**	**n/a**	**0.4717**	**n/a**	**n/a**	**0.00004906**	**NP Inter (normality) 1 of 2**
Chloride (mg/L)	**WGWC-28D**	**6.05**	**n/a**	**2/12/2026**	**740**	**Yes**	**212**	**n/a**	**n/a**	**0.4717**	**n/a**	**n/a**	**0.00004906**	**NP Inter (normality) 1 of 2**
Fluoride (mg/L)	**WGWC-9**	**0.284**	**n/a**	**2/13/2026**	**0.96**	**Yes**	**236**	**n/a**	**n/a**	**47.88**	**n/a**	**n/a**	**0.00004906**	**NP Inter (normality) 1 of 2**
Fluoride (mg/L)	WGWC-10	0.284	n/a	2/10/2026	0.18J	No	236	n/a	n/a	47.88	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
Fluoride (mg/L)	WGWC-11	0.284	n/a	2/10/2026	0.1J	No	236	n/a	n/a	47.88	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
Fluoride (mg/L)	WGWC-12	0.284	n/a	2/11/2026	0.16J	No	236	n/a	n/a	47.88	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
Fluoride (mg/L)	WGWC-13	0.284	n/a	2/10/2026	0.22	No	236	n/a	n/a	47.88	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
Fluoride (mg/L)	WGWC-14A	0.284	n/a	2/10/2026	0.1J	No	236	n/a	n/a	47.88	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
Fluoride (mg/L)	**WGWC-15**	**0.284**	**n/a**	**2/10/2026**	**0.83**	**Yes**	**236**	**n/a**	**n/a**	**47.88**	**n/a**	**n/a**	**0.00004906**	**NP Inter (normality) 1 of 2**
Fluoride (mg/L)	WGWC-16	0.284	n/a	2/10/2026	0.15J	No	236	n/a	n/a	47.88	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
Fluoride (mg/L)	WGWC-17	0.284	n/a	2/11/2026	0.17J	No	236	n/a	n/a	47.88	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
Fluoride (mg/L)	**WGWC-19**	**0.284**	**n/a**	**2/11/2026**	**0.35**	**Yes**	**236**	**n/a**	**n/a**	**47.88**	**n/a**	**n/a**	**0.00004906**	**NP Inter (normality) 1 of 2**
Fluoride (mg/L)	**WGWC-20**	**0.284**	**n/a**	**2/10/2026**	**2**	**Yes**	**236**	**n/a**	**n/a**	**47.88**	**n/a**	**n/a**	**0.00004906**	**NP Inter (normality) 1 of 2**

Appendix III Interwell Prediction Limits - All Results

Plant Wansley Client: Southern Company Data: Wansley AP 1 Printed 4/20/2026, 4:16 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Fluoride (mg/L)	**WGWC-21**	**0.284**	**n/a**	**2/11/2026**	**2**	**Yes**	**236**	**n/a**	**n/a**	**47.88**	**n/a**	**n/a**	**0.00004906**	**NP Inter (normality) 1 of 2**
Fluoride (mg/L)	WGWC-22	0.284	n/a	2/11/2026	0.28	No	236	n/a	n/a	47.88	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
Fluoride (mg/L)	WGWC-23	0.284	n/a	2/11/2026	0.1J	No	236	n/a	n/a	47.88	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
Fluoride (mg/L)	WGWC-24	0.284	n/a	2/10/2026	0.28	No	236	n/a	n/a	47.88	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
Fluoride (mg/L)	WGWC-25	0.284	n/a	2/11/2026	0.099J	No	236	n/a	n/a	47.88	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
Fluoride (mg/L)	**WGWC-27**	**0.284**	**n/a**	**2/10/2026**	**0.8**	**Yes**	**236**	**n/a**	**n/a**	**47.88**	**n/a**	**n/a**	**0.00004906**	**NP Inter (normality) 1 of 2**
Fluoride (mg/L)	**WGWC-28D**	**0.284**	**n/a**	**2/12/2026**	**1.9**	**Yes**	**236**	**n/a**	**n/a**	**47.88**	**n/a**	**n/a**	**0.00004906**	**NP Inter (normality) 1 of 2**
pH, Field (SU)	WGWC-9	8.13	4.54	2/13/2026	5.71	No	235	n/a	n/a	0	n/a	n/a	0.00009812	NP Inter (normality) 1 of 2
pH, Field (SU)	WGWC-10	8.13	4.54	2/10/2026	6.35	No	235	n/a	n/a	0	n/a	n/a	0.00009812	NP Inter (normality) 1 of 2
pH, Field (SU)	WGWC-11	8.13	4.54	2/10/2026	5.6	No	235	n/a	n/a	0	n/a	n/a	0.00009812	NP Inter (normality) 1 of 2
pH, Field (SU)	WGWC-12	8.13	4.54	2/11/2026	6.92	No	235	n/a	n/a	0	n/a	n/a	0.00009812	NP Inter (normality) 1 of 2
pH, Field (SU)	WGWC-13	8.13	4.54	2/10/2026	6.26	No	235	n/a	n/a	0	n/a	n/a	0.00009812	NP Inter (normality) 1 of 2
pH, Field (SU)	WGWC-14A	8.13	4.54	2/10/2026	5.34	No	235	n/a	n/a	0	n/a	n/a	0.00009812	NP Inter (normality) 1 of 2
pH, Field (SU)	WGWC-15	8.13	4.54	2/10/2026	8.01	No	235	n/a	n/a	0	n/a	n/a	0.00009812	NP Inter (normality) 1 of 2
pH, Field (SU)	WGWC-16	8.13	4.54	2/10/2026	5.35	No	235	n/a	n/a	0	n/a	n/a	0.00009812	NP Inter (normality) 1 of 2
pH, Field (SU)	WGWC-17	8.13	4.54	2/11/2026	6.08	No	235	n/a	n/a	0	n/a	n/a	0.00009812	NP Inter (normality) 1 of 2
pH, Field (SU)	WGWC-19	8.13	4.54	2/11/2026	6.59	No	235	n/a	n/a	0	n/a	n/a	0.00009812	NP Inter (normality) 1 of 2
pH, Field (SU)	WGWC-20	8.13	4.54	2/10/2026	5.38	No	235	n/a	n/a	0	n/a	n/a	0.00009812	NP Inter (normality) 1 of 2
pH, Field (SU)	WGWC-21	8.13	4.54	2/11/2026	6.72	No	235	n/a	n/a	0	n/a	n/a	0.00009812	NP Inter (normality) 1 of 2
pH, Field (SU)	WGWC-22	8.13	4.54	2/11/2026	5.53	No	235	n/a	n/a	0	n/a	n/a	0.00009812	NP Inter (normality) 1 of 2
pH, Field (SU)	WGWC-23	8.13	4.54	2/11/2026	5.49	No	235	n/a	n/a	0	n/a	n/a	0.00009812	NP Inter (normality) 1 of 2
pH, Field (SU)	WGWC-24	8.13	4.54	2/10/2026	4.59	No	235	n/a	n/a	0	n/a	n/a	0.00009812	NP Inter (normality) 1 of 2
pH, Field (SU)	WGWC-25	8.13	4.54	2/11/2026	5.61	No	235	n/a	n/a	0	n/a	n/a	0.00009812	NP Inter (normality) 1 of 2
pH, Field (SU)	WGWC-27	8.13	4.54	2/10/2026	6	No	235	n/a	n/a	0	n/a	n/a	0.00009812	NP Inter (normality) 1 of 2
pH, Field (SU)	WGWC-28D	8.13	4.54	2/12/2026	6.81	No	235	n/a	n/a	0	n/a	n/a	0.00009812	NP Inter (normality) 1 of 2
Sulfate (mg/L)	**WGWC-9**	**21**	**n/a**	**2/13/2026**	**78**	**Yes**	**212**	**n/a**	**n/a**	**24.53**	**n/a**	**n/a**	**0.00004906**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	WGWC-10	21	n/a	2/10/2026	2	No	212	n/a	n/a	24.53	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
Sulfate (mg/L)	WGWC-11	21	n/a	2/10/2026	1.2	No	212	n/a	n/a	24.53	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
Sulfate (mg/L)	WGWC-12	21	n/a	2/11/2026	12	No	212	n/a	n/a	24.53	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
Sulfate (mg/L)	WGWC-13	21	n/a	2/10/2026	3.3	No	212	n/a	n/a	24.53	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
Sulfate (mg/L)	WGWC-14A	21	n/a	2/10/2026	0.82J	No	212	n/a	n/a	24.53	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
Sulfate (mg/L)	WGWC-15	21	n/a	2/10/2026	14	No	212	n/a	n/a	24.53	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
Sulfate (mg/L)	**WGWC-16**	**21**	**n/a**	**2/10/2026**	**35**	**Yes**	**212**	**n/a**	**n/a**	**24.53**	**n/a**	**n/a**	**0.00004906**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	WGWC-17	21	n/a	2/11/2026	4.4	No	212	n/a	n/a	24.53	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
Sulfate (mg/L)	WGWC-19	21	n/a	2/11/2026	3.5	No	212	n/a	n/a	24.53	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
Sulfate (mg/L)	**WGWC-20**	**21**	**n/a**	**2/10/2026**	**390**	**Yes**	**212**	**n/a**	**n/a**	**24.53**	**n/a**	**n/a**	**0.00004906**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	**WGWC-21**	**21**	**n/a**	**2/11/2026**	**270**	**Yes**	**212**	**n/a**	**n/a**	**24.53**	**n/a**	**n/a**	**0.00004906**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	**WGWC-22**	**21**	**n/a**	**2/11/2026**	**61**	**Yes**	**212**	**n/a**	**n/a**	**24.53**	**n/a**	**n/a**	**0.00004906**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	WGWC-23	21	n/a	2/11/2026	6.4	No	212	n/a	n/a	24.53	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
Sulfate (mg/L)	**WGWC-24**	**21**	**n/a**	**2/10/2026**	**60**	**Yes**	**212**	**n/a**	**n/a**	**24.53**	**n/a**	**n/a**	**0.00004906**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	**WGWC-25**	**21**	**n/a**	**2/11/2026**	**26**	**Yes**	**212**	**n/a**	**n/a**	**24.53**	**n/a**	**n/a**	**0.00004906**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	**WGWC-27**	**21**	**n/a**	**2/10/2026**	**22**	**Yes**	**212**	**n/a**	**n/a**	**24.53**	**n/a**	**n/a**	**0.00004906**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	**WGWC-28D**	**21**	**n/a**	**2/12/2026**	**670**	**Yes**	**212**	**n/a**	**n/a**	**24.53**	**n/a**	**n/a**	**0.00004906**	**NP Inter (normality) 1 of 2**
TDS (mg/L)	WGWC-9	190	n/a	2/13/2026	190	No	212	n/a	n/a	5.189	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
TDS (mg/L)	WGWC-10	190	n/a	2/10/2026	46	No	212	n/a	n/a	5.189	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
TDS (mg/L)	WGWC-11	190	n/a	2/10/2026	43	No	212	n/a	n/a	5.189	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
TDS (mg/L)	WGWC-12	190	n/a	2/11/2026	90	No	212	n/a	n/a	5.189	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
TDS (mg/L)	WGWC-13	190	n/a	2/10/2026	73	No	212	n/a	n/a	5.189	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
TDS (mg/L)	WGWC-14A	190	n/a	2/10/2026	38	No	212	n/a	n/a	5.189	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
TDS (mg/L)	WGWC-15	190	n/a	2/10/2026	140	No	212	n/a	n/a	5.189	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
TDS (mg/L)	WGWC-16	190	n/a	2/10/2026	110	No	212	n/a	n/a	5.189	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
TDS (mg/L)	WGWC-17	190	n/a	2/11/2026	76	No	212	n/a	n/a	5.189	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
TDS (mg/L)	WGWC-19	190	n/a	2/11/2026	94	No	212	n/a	n/a	5.189	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
TDS (mg/L)	**WGWC-20**	**190**	**n/a**	**2/10/2026**	**880**	**Yes**	**212**	**n/a**	**n/a**	**5.189**	**n/a**	**n/a**	**0.00004906**	**NP Inter (normality) 1 of 2**
TDS (mg/L)	**WGWC-21**	**190**	**n/a**	**2/11/2026**	**590**	**Yes**	**212**	**n/a**	**n/a**	**5.189**	**n/a**	**n/a**	**0.00004906**	**NP Inter (normality) 1 of 2**
TDS (mg/L)	WGWC-22	190	n/a	2/11/2026	160	No	212	n/a	n/a	5.189	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
TDS (mg/L)	WGWC-23	190	n/a	2/11/2026	77	No	212	n/a	n/a	5.189	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
TDS (mg/L)	WGWC-24	190	n/a	2/10/2026	130	No	212	n/a	n/a	5.189	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
TDS (mg/L)	WGWC-25	190	n/a	2/11/2026	180	No	212	n/a	n/a	5.189	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
TDS (mg/L)	WGWC-27	190	n/a	2/10/2026	130	No	212	n/a	n/a	5.189	n/a	n/a	0.00004906	NP Inter (normality) 1 of 2
TDS (mg/L)	**WGWC-28D**	**190**	**n/a**	**2/12/2026**	**2100**	**Yes**	**212**	**n/a**	**n/a**	**5.189**	**n/a**	**n/a**	**0.00004906**	**NP Inter (normality) 1 of 2**

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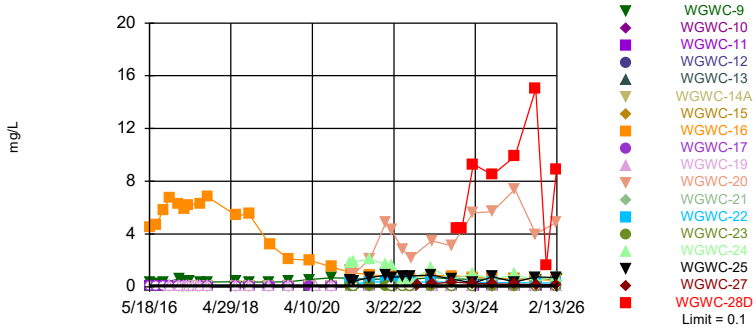
Hollow symbols indicate censored values.

Exceeds Limit: WGWC-9, WGWC-16, WGWC-20, WGWC-22, WGWC-24, WGWC-25, WGWC-27, WGWC-28D

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 204 background values. 95.59% NDs. Annual per-constituent alpha = 0.001765. Individual comparison alpha = 0.00004906 (1 of 2). Comparing 18 points to limit.

Constituent: Boron Analysis Run 4/20/2026 4:13 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

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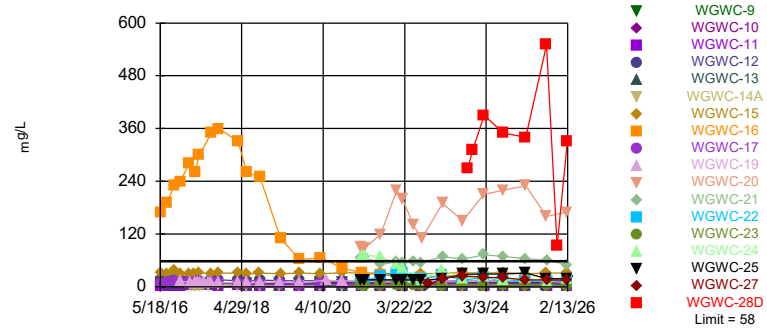
Exceeds Limit: WGWC-20, WGWC-28D

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 212 background values. Annual per-constituent alpha = 0.001765. Individual comparison alpha = 0.00004906 (1 of 2). Comparing 18 points to limit.

Constituent: Calcium Analysis Run 4/20/2026 4:13 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

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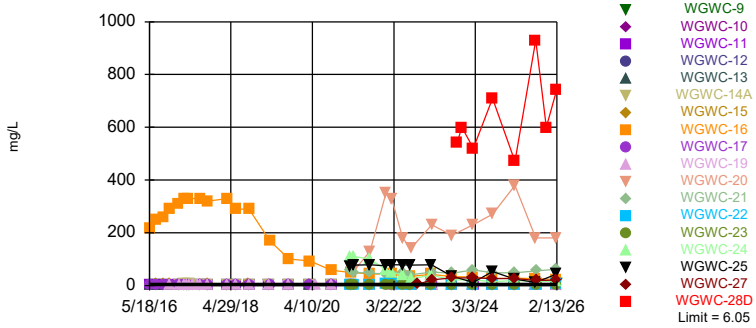
Exceeds Limit: WGWC-16, WGWC-20, WGWC-21, WGWC-24, WGWC-25, WGWC-27. WGWC-28D

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 212 background values. 0.4717% NDs. Annual per-constituent alpha = 0.001765. Individual comparison alpha = 0.00004906 (1 of 2). Comparing 18 points to limit.

Constituent: Chloride Analysis Run 4/20/2026 4:13 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

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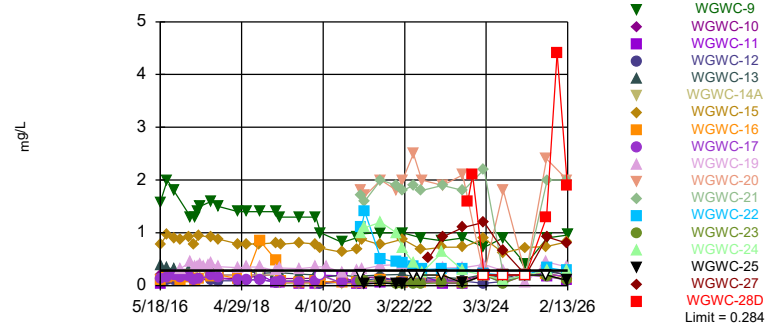
Hollow symbols indicate censored values.

Exceeds Limit: WGWC-9, WGWC-15, WGWC-19, WGWC-20, WGWC-21, WGWC-27. WGWC-28D

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 236 background values. 47.88% NDs. Annual per-constituent alpha = 0.001765. Individual comparison alpha = 0.00004906 (1 of 2). Comparing 18 points to limit.

Constituent: Fluoride Analysis Run 4/20/2026 4:13 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

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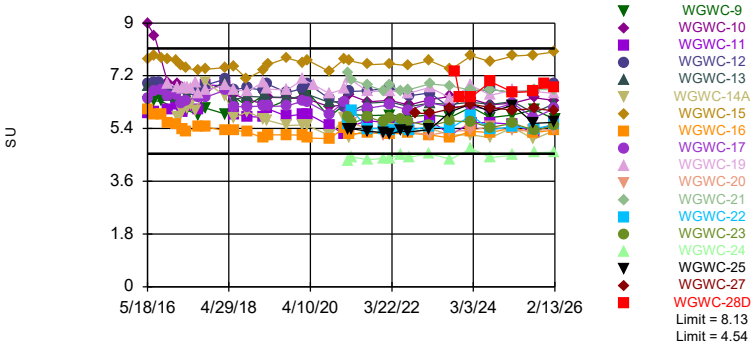
Within Limits

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 235 background values. Annual per-constituent alpha = 0.003529. Individual comparison alpha = 0.00009812 (1 of 2). Comparing 18 points to limit.

Constituent: pH, Field Analysis Run 4/20/2026 4:13 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

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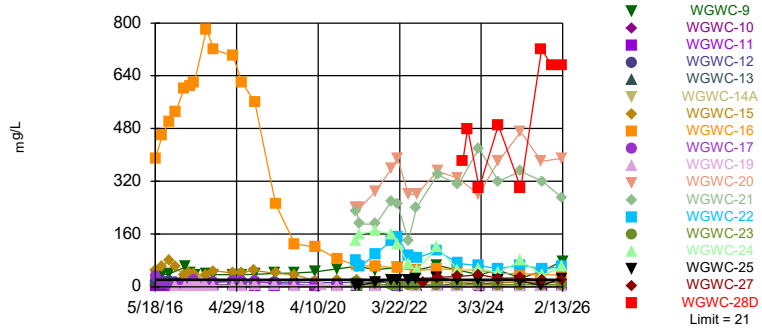
Hollow symbols indicate censored values.

Exceeds Limit: WGWC-9, WGWC-16, WGWC-20, WGWC-21, WGWC-22, WGWC-24, WGWC-25, WGWC-27, WGWC-28D

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 212 background values. 24.53% NDs. Annual per-constituent alpha = 0.001765. Individual comparison alpha = 0.00004906 (1 of 2). Comparing 18 points to limit.

Constituent: Sulfate Analysis Run 4/20/2026 4:13 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

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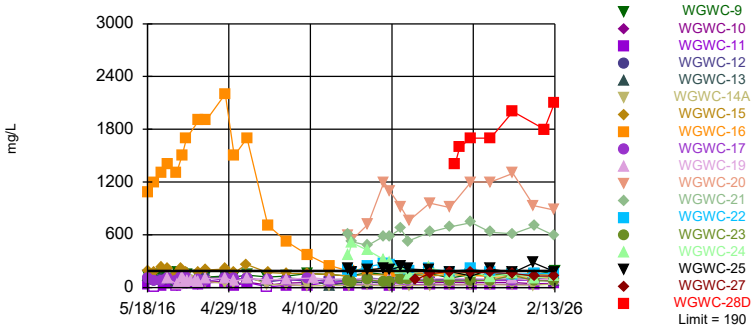
Hollow symbols indicate censored values.

Exceeds Limit: WGWC-20, WGWC-21, WGWC-28D

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 212 background values. 5.189% NDs. Annual per-constituent alpha = 0.001765. Individual comparison alpha = 0.00004906 (1 of 2). Comparing 18 points to limit.

Constituent: TDS Analysis Run 4/20/2026 4:13 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 4/20/2026 4:16 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWA-1 (bg)	WGWA-2 (bg)	WGWA-18 (bg)	WGWA-3 (bg)	WGWA-4 (bg)	WGWA-5 (bg)	WGWA-6 (bg)	WGWC-10	WGWC-15
5/17/2016	<0.08	<0.08	<0.08						
5/18/2016				<0.08	<0.08	<0.08	<0.08	<0.08	<0.08
5/19/2016									
7/19/2016	<0.08	<0.08	<0.08			<0.08	<0.08		<0.08
7/20/2016				<0.08	<0.08			<0.08	
9/13/2016	<0.08	<0.08	<0.08	<0.08	<0.08		<0.08		
9/14/2016						<0.08		<0.08	<0.08
11/9/2016	<0.08	<0.08	<0.08				<0.08		
11/10/2016				<0.08	<0.08				<0.08
11/11/2016								<0.08	
1/17/2017	<0.08	<0.08							
1/18/2017				<0.08	<0.08		<0.08		
1/19/2017			<0.08			<0.08			
1/20/2017									
1/24/2017									<0.08
1/27/2017									
2/6/2017								<0.08	
2/8/2017									
2/9/2017									
2/23/2017									
3/13/2017	<0.08	<0.08							
3/14/2017			<0.08	<0.08	<0.08	<0.08	<0.08		<0.08
3/15/2017								0.032 (J)	
3/17/2017									
4/11/2017									
4/24/2017	<0.08	<0.08							
4/25/2017			<0.08	<0.08	<0.08	<0.08	<0.08		<0.08
4/26/2017								<0.08	
5/17/2017									
6/7/2017									
7/11/2017									
8/8/2017	<0.08	<0.08	<0.08	<0.08			<0.08		
8/9/2017					<0.08	<0.08			<0.08
8/10/2017								<0.08	
8/25/2017						<0.08			
10/10/2017	<0.08	<0.08							
10/11/2017			<0.08	<0.08	<0.08	<0.08	<0.08		<0.08
10/12/2017								<0.08	
6/13/2018	<0.08		<0.08			<0.08	<0.08		
6/14/2018		<0.08		<0.08	<0.08			<0.08	<0.08
9/24/2018		<0.08							
9/27/2018	<0.08								
9/28/2018			<0.08						
10/2/2018							<0.08		
10/3/2018				<0.08	<0.08	<0.08			<0.08
10/4/2018								<0.08	
4/1/2019	<0.08	<0.08							
4/2/2019			<0.08	<0.08	<0.08	<0.08	<0.08		
4/3/2019									
4/4/2019								0.024 (J)	<0.08
9/16/2019	<0.08					<0.08	<0.08		
9/17/2019		<0.08	<0.08		<0.08				

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

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 4/20/2026 4:16 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWA-1 (bg)	WGWA-2 (bg)	WGWA-18 (bg)	WGWA-3 (bg)	WGWA-4 (bg)	WGWA-5 (bg)	WGWA-6 (bg)	WGWC-10	WGWC-15
9/18/2019				<0.08					<0.08
9/19/2019								<0.08	
3/16/2020	<0.08	0.048 (J)							
3/17/2020			<0.08	<0.08	<0.08	<0.08	<0.08		
3/18/2020								0.049 (J)	0.071 (J)
3/19/2020									
5/4/2020									
9/21/2020		<0.08		<0.08	<0.08				
9/22/2020	<0.08		<0.08			<0.08	<0.08		
9/23/2020								<0.08	<0.08
9/24/2020									
3/8/2021									
3/9/2021									
3/10/2021		0.039 (J)	<0.08	<0.08	<0.08	<0.08			
3/11/2021	<0.08						<0.08	<0.08	
3/12/2021									<0.08
4/7/2021									
4/8/2021									
8/23/2021		<0.08							
8/24/2021	<0.08				<0.08	<0.08	<0.08		
8/25/2021			0.1	<0.08					
8/26/2021								<0.08	<0.08
1/11/2022									
1/12/2022									
2/28/2022					<0.08				
3/1/2022	<0.08	<0.08		<0.08		<0.08	<0.08		
3/3/2022			0.1					<0.08	<0.08
3/4/2022									
6/6/2022									
6/7/2022									
8/15/2022	<0.08	0.066 (J)				<0.08	<0.08		
8/16/2022			<0.08	<0.08	<0.08				
8/17/2022									<0.08
8/18/2022									
8/19/2022								<0.08	
10/19/2022									
2/14/2023	0.026 (J)	0.023 (J)	<0.08	<0.08		0.03 (J)	<0.08		
2/15/2023					<0.08				<0.08
2/16/2023								0.04 (J)	
8/11/2023									
8/14/2023	<0.08	<0.08							
8/15/2023			<0.08	<0.08	<0.08	<0.08	<0.08		
8/16/2023									<0.08
8/17/2023								0.031 (J)	
9/26/2023									
11/7/2023									
2/13/2024	<0.08	<0.08	<0.08	<0.08	<0.08		<0.08		
2/14/2024									
2/15/2024								<0.08	<0.08
2/16/2024						<0.08			
7/30/2024	<0.08	<0.08	<0.08	<0.08	<0.08		<0.08		
7/31/2024								<0.08	<0.08

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

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 4/20/2026 4:16 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWA-1 (bg)	WGWA-2 (bg)	WGWA-18 (bg)	WGWA-3 (bg)	WGWA-4 (bg)	WGWA-5 (bg)	WGWA-6 (bg)	WGWC-10	WGWC-15
8/1/2024									
8/2/2024									
2/10/2025	<0.08	<0.08		<0.08					
2/11/2025			<0.08		<0.08		<0.08		
2/12/2025									
2/13/2025								<0.08	<0.08
8/12/2025	<0.08	<0.08	<0.08	<0.08	<0.08		<0.08		
8/13/2025									<0.08
8/14/2025									
8/15/2025									
8/18/2025									
8/19/2025								<0.08	
11/13/2025									
2/9/2026		<0.08		<0.08	<0.08		<0.08		
2/10/2026	<0.08		<0.08					<0.08	<0.08
2/11/2026									
2/12/2026									
2/13/2026									

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

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 4/20/2026 4:16 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-17	WGWA-7 (bg)	WGWC-16	WGWC-13	WGWC-12	WGWC-11	WGWC-9	WGWC-19	WGWC-14A
5/17/2016									
5/18/2016	<0.08	<0.08	4.48						
5/19/2016				0.0252 (J)	<0.08	<0.08	0.314		
7/19/2016		<0.08	4.7						
7/20/2016	<0.08			<0.08	<0.08	<0.08	0.25		
9/13/2016		<0.08							
9/14/2016	<0.08		5.8	<0.08	<0.08	<0.08	0.3		
11/9/2016									
11/10/2016	<0.08	<0.08	6.7	<0.08					
11/11/2016					<0.08	<0.08		<0.08	
1/17/2017									
1/18/2017		<0.08							
1/19/2017									
1/20/2017	<0.08								
1/24/2017			6.3						
1/27/2017				0.033 (J)	0.047 (J)	0.021 (J)			
2/6/2017								<0.08	
2/8/2017									<0.08
2/9/2017							0.61		
2/23/2017									<0.08
3/13/2017									
3/14/2017	<0.08	<0.08							
3/15/2017			5.9	<0.08	0.024 (J)	0.058	0.42	0.034 (J)	
3/17/2017									<0.08
4/11/2017							0.37	<0.08	<0.08
4/24/2017									
4/25/2017	<0.08	<0.08	6.2						
4/26/2017				<0.08	<0.08	<0.08	0.38	<0.08	<0.08
5/17/2017									<0.08
6/7/2017								<0.08	<0.08
7/11/2017								<0.08	<0.08
8/8/2017		<0.08							
8/9/2017	<0.08		6.3	<0.08					
8/10/2017					<0.08	<0.08	0.29	<0.08	
8/25/2017									
10/10/2017									
10/11/2017	<0.08	<0.08	6.8						<0.08
10/12/2017				<0.08	<0.08	<0.08	0.36	<0.08	
6/13/2018									
6/14/2018	<0.08	<0.08	5.4	<0.08	<0.08	<0.08	0.39	<0.08	<0.08
9/24/2018									
9/27/2018									
9/28/2018									
10/2/2018									
10/3/2018		<0.08							
10/4/2018	<0.08		5.5	<0.08	<0.08	<0.08	0.37	<0.08	<0.08
4/1/2019									
4/2/2019		<0.08						<0.08	
4/3/2019				<0.08	<0.08	<0.08	0.35		<0.08
4/4/2019	0.049 (J)		3.2						
9/16/2019									
9/17/2019									

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

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 4/20/2026 4:16 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-17	WGWA-7 (bg)	WGWC-16	WGWC-13	WGWC-12	WGWC-11	WGWC-9	WGWC-19	WGWC-14A
9/18/2019	<0.08	<0.08	2.1	<0.08				<0.08	<0.08
9/19/2019					<0.08	<0.08	0.39		
3/16/2020									
3/17/2020		<0.08							
3/18/2020	0.049 (J)		2		0.039 (J)	<0.08			
3/19/2020				0.053 (J)			0.55		0.039 (J)
5/4/2020								<0.08	
9/21/2020									
9/22/2020		<0.08							
9/23/2020	<0.08		1.5		<0.08		0.68	<0.08	
9/24/2020				<0.08		<0.08			<0.08
3/8/2021									
3/9/2021									
3/10/2021		<0.08							
3/11/2021	<0.08		1.1	<0.08				<0.08	<0.08
3/12/2021					<0.08	<0.08	0.64		
4/7/2021									
4/8/2021									
8/23/2021									
8/24/2021		<0.08							
8/25/2021	<0.08		0.89	0.063 (J)	<0.08	<0.08			0.043 (J)
8/26/2021							0.56	<0.08	
1/11/2022									
1/12/2022									
2/28/2022									
3/1/2022									
3/3/2022		<0.08	0.79	<0.08		<0.08	0.62	<0.08	<0.08
3/4/2022	<0.08				<0.08				
6/6/2022									
6/7/2022									
8/15/2022									
8/16/2022	<0.08	<0.08				<0.08			
8/17/2022			0.73				0.55	<0.08	
8/18/2022				<0.08	<0.08				
8/19/2022									<0.08
10/19/2022									
2/14/2023		0.033 (J)							
2/15/2023			0.86				0.69		
2/16/2023	<0.08			0.033 (J)	0.024 (J)	<0.08		<0.08	0.03 (J)
8/11/2023									
8/14/2023									
8/15/2023		<0.08	0.81						
8/16/2023	<0.08			<0.08	<0.08	<0.08	0.6	<0.08	<0.08
8/17/2023									
9/26/2023									
11/7/2023									
2/13/2024		<0.08							
2/14/2024					<0.08		0.56		
2/15/2024	0.027 (J)		0.74	<0.08				<0.08	<0.08
2/16/2024						<0.08			
7/30/2024		<0.08	0.66						
7/31/2024	0.055 (J)			<0.08	0.025 (J)	<0.08		<0.08	

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

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 4/20/2026 4:16 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-17	WGWA-7 (bg)	WGWC-16	WGWC-13	WGWC-12	WGWC-11	WGWC-9	WGWC-19	WGWC-14A
8/1/2024							0.61		
8/2/2024									<0.08
2/10/2025									
2/11/2025	<0.08	<0.08			<0.08	<0.08	0.58		
2/12/2025			0.56	<0.08					0.027 (J)
2/13/2025								<0.08	
8/12/2025									
8/13/2025	<0.08	<0.08							
8/14/2025			0.56	<0.08				<0.08	<0.08
8/15/2025					<0.08				
8/18/2025						<0.08			
8/19/2025							0.55		
11/13/2025									
2/9/2026		<0.08							
2/10/2026			0.49	<0.08		<0.08			<0.08
2/11/2026	<0.08				<0.08			<0.08	
2/12/2026									
2/13/2026							0.61		

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

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 4/20/2026 4:16 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-25	WGWC-20	WGWC-24	WGWC-23	WGWC-21	WGWC-22	WGWC-27	WGWC-28D
5/17/2016								
5/18/2016								
5/19/2016								
7/19/2016								
7/20/2016								
9/13/2016								
9/14/2016								
11/9/2016								
11/10/2016								
11/11/2016								
1/17/2017								
1/18/2017								
1/19/2017								
1/20/2017								
1/24/2017								
1/27/2017								
2/6/2017								
2/8/2017								
2/9/2017								
2/23/2017								
3/13/2017								
3/14/2017								
3/15/2017								
3/17/2017								
4/11/2017								
4/24/2017								
4/25/2017								
4/26/2017								
5/17/2017								
6/7/2017								
7/11/2017								
8/8/2017								
8/9/2017								
8/10/2017								
8/25/2017								
10/10/2017								
10/11/2017								
10/12/2017								
6/13/2018								
6/14/2018								
9/24/2018								
9/27/2018								
9/28/2018								
10/2/2018								
10/3/2018								
10/4/2018								
4/1/2019								
4/2/2019								
4/3/2019								
4/4/2019								
9/16/2019								
9/17/2019								

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 4/20/2026 4:16 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-25	WGWC-20	WGWC-24	WGWC-23	WGWC-21	WGWC-22	WGWC-27	WGWC-28D
9/18/2019								
9/19/2019								
3/16/2020								
3/17/2020								
3/18/2020								
3/19/2020								
5/4/2020								
9/21/2020								
9/22/2020								
9/23/2020								
9/24/2020								
3/8/2021	0.48	1.3						
3/9/2021			1.8	0.073 (J)	0.19	0.33		
3/10/2021								
3/11/2021								
3/12/2021								
4/7/2021			1.9	<0.08	0.13			
4/8/2021	0.43	0.98				0.21		
8/23/2021								
8/24/2021								
8/25/2021								
8/26/2021	0.7	2.1	2.1	0.052 (J)	0.087	0.36		
1/11/2022	0.87		1.7	0.048 (J)	0.12	0.39		
1/12/2022		4.9						
2/28/2022								
3/1/2022								
3/3/2022			1.6		0.12			
3/4/2022	0.72	4.3		<0.08		0.41		
6/6/2022			0.64	<0.08	0.13			
6/7/2022	0.78	2.8				0.39		
8/15/2022								
8/16/2022					0.099			
8/17/2022	0.82			<0.08				
8/18/2022		2.2	0.44					
8/19/2022						0.33		
10/19/2022							0.098	
2/14/2023								
2/15/2023	0.89		1.4	0.049 (J)		0.39		
2/16/2023		3.5			0.14		0.22	
8/11/2023		3.1					0.35	
8/14/2023								
8/15/2023	0.57							
8/16/2023								
8/17/2023			0.59	<0.08	0.12	0.33		
9/26/2023								4.4
11/7/2023								4.4
2/13/2024		5.6						
2/14/2024			1			0.33		9.3
2/15/2024	0.29			<0.08	0.14		0.26	
2/16/2024								
7/30/2024								
7/31/2024	0.76	5.7	0.54	0.076 (J)				

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

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 4/20/2026 4:16 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-25	WGWC-20	WGWC-24	WGWC-23	WGWC-21	WGWC-22	WGWC-27	WGWC-28D
8/1/2024					0.11		0.22	8.5
8/2/2024						0.31		
2/10/2025								
2/11/2025								
2/12/2025	0.36	7.4				0.32	0.19	9.9
2/13/2025			0.94	0.024 (J)	0.12			
8/12/2025								
8/13/2025	0.74							
8/14/2025		4						15
8/15/2025								
8/18/2025			0.42			0.29	0.16	
8/19/2025				<0.08	0.1			
11/13/2025								1.6 (R)
2/9/2026								
2/10/2026		4.9	0.81				0.16	
2/11/2026	0.71			<0.08	0.081	0.29		
2/12/2026								8.9
2/13/2026								

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

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/20/2026 4:16 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWA-1 (bg)	WGWA-18 (bg)	WGWA-2 (bg)	WGWC-10	WGWC-15	WGWA-7 (bg)	WGWA-6 (bg)	WGWC-16	WGWA-5 (bg)
5/17/2016	0.927	23.7	12.2						
5/18/2016				7.17	32.5	1.36	27	168	1.7
5/19/2016									
7/19/2016	1	23	13		30	0.88	23	190	1.5
7/20/2016				7					
9/13/2016	0.44	23	13			0.93	25		
9/14/2016				7.7	37			230	52
11/9/2016	1.1	6.7	19				25		
11/10/2016					29	6.1		240	
11/11/2016				8.2					
1/17/2017	1.4		28						
1/18/2017						10	26		
1/19/2017		8.5							13
1/20/2017									
1/24/2017					28			280	
1/27/2017									
2/6/2017				9.1					
2/8/2017									
2/9/2017									
2/23/2017									
3/13/2017	1.1		14						
3/14/2017		13			29	1.3	20		1.6
3/15/2017				9				260	
3/17/2017									
4/11/2017									
4/24/2017	1.1		12						
4/25/2017		23			32	1.9	28	300	1.5
4/26/2017				8.1					
5/17/2017									
6/7/2017									
7/11/2017									
8/8/2017	1.1	24	18			4.8	26		
8/9/2017					30			350	1.3
8/10/2017				8.1					
8/25/2017									1.5
10/10/2017	1.2		21						
10/11/2017		23			31	0.93	29	360	1.5
10/12/2017				8.6					
3/27/2018	1.2		15						
3/28/2018		24				0.9	26		1.1
3/29/2018								330	
3/30/2018				9	31				
6/13/2018	1.1	11					25		1.2
6/14/2018			12	7.7	29	0.94		260	
9/24/2018			11						
9/27/2018	1.2								
9/28/2018		11							
10/2/2018							26		
10/3/2018					31	1.2			1.4
10/4/2018				8.5				250	
4/1/2019	1		12						
4/2/2019		20				1.1	25		1.1

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/20/2026 4:16 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWA-1 (bg)	WGWA-18 (bg)	WGWA-2 (bg)	WGWC-10	WGWC-15	WGWA-7 (bg)	WGWA-6 (bg)	WGWC-16	WGWA-5 (bg)
4/3/2019									
4/4/2019				7.9	30			110	
9/16/2019	1.3						25		36
9/17/2019		10	13						
9/18/2019					31	1.5		62	
9/19/2019				7.5					
3/16/2020	1.1		10						
3/17/2020		10				0.82	26		1.4
3/18/2020				7.5	30			66	
3/19/2020									
5/4/2020									
9/21/2020			13						
9/22/2020	1.2	19				0.89	25		58
9/23/2020				7.7	32			43	
9/24/2020									
3/8/2021									
3/9/2021									
3/10/2021		7.7	11			0.89			1.3
3/11/2021	1.3			7.9			26	32	
3/12/2021					31				
4/7/2021									
4/8/2021									
8/23/2021			13						
8/24/2021	1.2					1.7	26		47
8/25/2021		16						27	
8/26/2021				7.6	31				
1/11/2022									
1/12/2022									
2/28/2022									
3/1/2022	1.1		13				22		2.1
3/3/2022		6.1		7.1	28	1.4		24	
3/4/2022									
6/6/2022									
6/7/2022									
8/15/2022	1.2		12				24		51
8/16/2022		8.8				0.94			
8/17/2022					29			20	
8/18/2022									
8/19/2022				7.3					
10/19/2022									
2/14/2023	1.4	5.7	12			1.3	29		1.3
2/15/2023					31			26	
2/16/2023				6.9					
8/11/2023									
8/14/2023	1.5		14						
8/15/2023		8.3				1.8	27	23	26
8/16/2023					32				
8/17/2023				8					
9/26/2023									
11/7/2023									
2/13/2024	1.3	4.6	12			11	27		
2/14/2024									

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/20/2026 4:16 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWA-1 (bg)	WGWA-18 (bg)	WGWA-2 (bg)	WGWC-10	WGWC-15	WGWA-7 (bg)	WGWA-6 (bg)	WGWC-16	WGWA-5 (bg)
2/15/2024				7.7	31			20	
2/16/2024									0.92
7/30/2024	1.4	15	16			1.6	29	20	
7/31/2024				8	32				
8/1/2024									
8/2/2024									
2/10/2025	1.4		16						
2/11/2025		4.4				8.7	27		
2/12/2025								15	
2/13/2025				8	30				
8/12/2025	1.3	6.6	12				26		
8/13/2025					31	1.1			
8/14/2025								17	
8/15/2025									
8/18/2025									
8/19/2025				7.8					
11/13/2025									
2/9/2026			15			1.6	27		
2/10/2026	1.4	5.9		8.1	31			15	
2/11/2026									
2/12/2026									
2/13/2026									

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/20/2026 4:16 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWA-4 (bg)	WGWC-17	WGWA-3 (bg)	WGWC-11	WGWC-13	WGWC-9	WGWC-12	WGWC-19	WGWC-14A
5/17/2016									
5/18/2016	17.9	8.24	2.1						
5/19/2016				1.95	11.4	8.53	15.8		
7/19/2016									
7/20/2016	15	11	1.7	1.5	7.1	8.2	14		
9/13/2016	16		1.3						
9/14/2016		12		1.8	7.4	8.8	16		
11/9/2016									
11/10/2016	15	11	1.6		6.4				
11/11/2016				1.7			15	12	
1/17/2017									
1/18/2017	17		1.7						
1/19/2017									
1/20/2017		10							
1/24/2017									
1/27/2017				3.5	6.2		16		
2/6/2017								11	
2/8/2017									3.2
2/9/2017						10			
2/23/2017									4.1
3/13/2017									
3/14/2017	17	8.8	1.8						
3/15/2017				3.8	6.7	8.6	16	10	
3/17/2017									2.4
4/11/2017						8.6		11	4.1
4/24/2017									
4/25/2017	17	12	2						
4/26/2017				4	6.5	7.1	3	8.4	2.5
5/17/2017									5.2
6/7/2017								9	5.2
7/11/2017								9.5	2.3
8/8/2017			2						
8/9/2017	15	11			7				
8/10/2017				3.5		7.5	15	8.8	
8/25/2017									
10/10/2017									
10/11/2017	17	10	2.1						3.8
10/12/2017				2.7	7	8.2	16	9.5	
3/27/2018									
3/28/2018	15		1.8						
3/29/2018				3.9	7	7.6	14	10	1.2
3/30/2018		7.2							
6/13/2018									
6/14/2018	15	6.2	2	2.2	5.5	7.5	13	8.9	1.1
9/24/2018									
9/27/2018									
9/28/2018									
10/2/2018									
10/3/2018	16		1.8						
10/4/2018		6.4		2	5.9	8	15	10	2
4/1/2019									
4/2/2019	15		1.8					11	

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/20/2026 4:16 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWA-4 (bg)	WGWC-17	WGWA-3 (bg)	WGWC-11	WGWC-13	WGWC-9	WGWC-12	WGWC-19	WGWC-14A
4/3/2019				1.7	4.7	7.2	14		0.84
4/4/2019		5.6							
9/16/2019									
9/17/2019	16								
9/18/2019		5.5	1.6		4.9			8.8	0.85
9/19/2019				1.4		8.1	14		
3/16/2020									
3/17/2020	15		1.7						
3/18/2020		6.3		1.6			14		
3/19/2020					5	9.3			0.89
5/4/2020								15	
9/21/2020	16		1.8						
9/22/2020									
9/23/2020		5.9				10	13	13	
9/24/2020				5.2	1.4				0.99
3/8/2021									
3/9/2021									
3/10/2021	16		1.9						
3/11/2021		5.7			4			15	0.79
3/12/2021				1.6		11	15		
4/7/2021									
4/8/2021									
8/23/2021									
8/24/2021	15								
8/25/2021		6	1.7	1.5	4		14		0.7
8/26/2021						9.3		10	
1/11/2022									
1/12/2022									
2/28/2022	14								
3/1/2022			1.6						
3/3/2022				1.3	3.4	8.6		12	0.65
3/4/2022		5.3					12		
6/6/2022									
6/7/2022									
8/15/2022									
8/16/2022	16	5.6	1.8	1.6					
8/17/2022						9		9.8	
8/18/2022					3.5		13		
8/19/2022									0.64
10/19/2022									
2/14/2023			2						
2/15/2023	18					11			
2/16/2023		6		1.7	3.8		12	13	0.69
8/11/2023									
8/14/2023									
8/15/2023	17		1.9						
8/16/2023		6.3		1.7	4.1	11	15	14	0.7
8/17/2023									
9/26/2023									
11/7/2023									
2/13/2024	17		1.7						
2/14/2024						9.1	13		

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/20/2026 4:16 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWA-4 (bg)	WGWC-17	WGWA-3 (bg)	WGWC-11	WGWC-13	WGWC-9	WGWC-12	WGWC-19	WGWC-14A
2/15/2024		6.2			3.7			14	0.66
2/16/2024				1.6					
7/30/2024	18		1.9						
7/31/2024		6.8		1.8	3.8		14	12	
8/1/2024						10			
8/2/2024									0.68
2/10/2025			1.8						
2/11/2025	17	5.8		1.7		9.6	14		
2/12/2025					3.8				0.77
2/13/2025								13	
8/12/2025	16		1.8						
8/13/2025		6.4							
8/14/2025					3.6			12	0.7
8/15/2025							15		
8/18/2025				1.6					
8/19/2025						10			
11/13/2025									
2/9/2026	17		1.9						
2/10/2026				1.8	5.7				0.67
2/11/2026		6.7					14	12	
2/12/2026									
2/13/2026						12			

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/20/2026 4:16 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-25	WGWC-20	WGWC-22	WGWC-21	WGWC-24	WGWC-23	WGWC-27	WGWC-28D
5/17/2016								
5/18/2016								
5/19/2016								
7/19/2016								
7/20/2016								
9/13/2016								
9/14/2016								
11/9/2016								
11/10/2016								
11/11/2016								
1/17/2017								
1/18/2017								
1/19/2017								
1/20/2017								
1/24/2017								
1/27/2017								
2/6/2017								
2/8/2017								
2/9/2017								
2/23/2017								
3/13/2017								
3/14/2017								
3/15/2017								
3/17/2017								
4/11/2017								
4/24/2017								
4/25/2017								
4/26/2017								
5/17/2017								
6/7/2017								
7/11/2017								
8/8/2017								
8/9/2017								
8/10/2017								
8/25/2017								
10/10/2017								
10/11/2017								
10/12/2017								
3/27/2018								
3/28/2018								
3/29/2018								
3/30/2018								
6/13/2018								
6/14/2018								
9/24/2018								
9/27/2018								
9/28/2018								
10/2/2018								
10/3/2018								
10/4/2018								
4/1/2019								
4/2/2019								

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/20/2026 4:16 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-25	WGWC-20	WGWC-22	WGWC-21	WGWC-24	WGWC-23	WGWC-27	WGWC-28D
4/3/2019								
4/4/2019								
9/16/2019								
9/17/2019								
9/18/2019								
9/19/2019								
3/16/2020								
3/17/2020								
3/18/2020								
3/19/2020								
5/4/2020								
9/21/2020								
9/22/2020								
9/23/2020								
9/24/2020								
3/8/2021	14	90						
3/9/2021			15	66	65	3.2		
3/10/2021								
3/11/2021								
3/12/2021								
4/7/2021				67	71	2.7		
4/8/2021	16	88	14					
8/23/2021								
8/24/2021								
8/25/2021								
8/26/2021	16	120	24	51	69	4.6		
1/11/2022	16		32	57	51	3.1		
1/12/2022		220						
2/28/2022								
3/1/2022								
3/3/2022				54	42			
3/4/2022	16	200	31			4		
6/6/2022				58	22	4.5		
6/7/2022	15	140	19					
8/15/2022								
8/16/2022				55				
8/17/2022	15					4.6		
8/18/2022		110			16			
8/19/2022			18					
10/19/2022							5.9	
2/14/2023								
2/15/2023	18		26		39	2.4		
2/16/2023		190		68			19	
8/11/2023		150					25	
8/14/2023								
8/15/2023	28							
8/16/2023								
8/17/2023			16	63	18	4.2		
9/26/2023								270
11/7/2023								310
2/13/2024		210						
2/14/2024			21		24			390

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/20/2026 4:16 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-25	WGWC-20	WGWC-22	WGWC-21	WGWC-24	WGWC-23	WGWC-27	WGWC-28D
2/15/2024	29			73		2.5	22	
2/16/2024								
7/30/2024								
7/31/2024	29	220			14	4.2		
8/1/2024				69			20	350
8/2/2024			14					
2/10/2025								
2/11/2025								
2/12/2025	31	230	13				16	340
2/13/2025				64	20	4.4		
8/12/2025								
8/13/2025	19							
8/14/2025		160						550
8/15/2025								
8/18/2025			12		11		15	
8/19/2025				60		2.8		
11/13/2025								93 (R)
2/9/2026								
2/10/2026		170			19		15	
2/11/2026	18		13	50		2.7		
2/12/2026								330
2/13/2026								

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/20/2026 4:16 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWA-1 (bg)	WGWA-18 (bg)	WGWA-2 (bg)	WGWC-10	WGWC-15	WGWA-7 (bg)	WGWA-6 (bg)	WGWC-16	WGWA-5 (bg)
5/17/2016	3.8	6.05	2.5						
5/18/2016				1.45	4.59	2.06	1.58	217	2.14
5/19/2016									
7/19/2016	3.9	4	2.6		5.9	2.1	1.6	250	2.4
7/20/2016				1.6					
9/13/2016	3.6	3.1	2.4			2	1.4		
9/14/2016				1.5	7.9			260	2.1
11/9/2016	3.9	2.3	2.3				1.5		
11/10/2016					6.5	1.8		290	
11/11/2016				1.5					
1/17/2017	3.8		2.3						
1/18/2017						1.8	1.5		
1/19/2017		2							1.8
1/20/2017									
1/24/2017					4.1			310	
1/27/2017									
2/6/2017				1.4					
2/8/2017									
2/9/2017									
2/23/2017									
3/13/2017	3.4		2.2						
3/14/2017		1.9			4.4	1.8	2.5		2
3/15/2017				1.4				330	
3/17/2017									
4/11/2017									
4/24/2017	3.4		2.2						
4/25/2017		1.9			4	1.8	1.3	330	1.8
4/26/2017				1.3					
5/17/2017									
6/7/2017									
7/11/2017									
8/8/2017	3.6	2	2.3			1.9	1.4		
8/9/2017					3.6			330	1.9
8/10/2017				1.4					
8/25/2017									2
10/10/2017	3.6		2.5						
10/11/2017		1.9			5	1.8	1.3	320	2.1
10/12/2017				1.3					
3/27/2018	3.6		2.2						
3/28/2018		2.2				1.8	1.3		1.4
3/29/2018								330	
3/30/2018				1.3	4.2				
6/13/2018	3.8	2					1.4		1.7
6/14/2018			2.3	1.3	4.3	1.7		290	
9/24/2018			2.4						
9/27/2018	4								
9/28/2018		2.1							
10/2/2018							1.4		
10/3/2018					4.8	1.8			1.8
10/4/2018				1.3				290	
4/1/2019	4		2.4						
4/2/2019		2.6				1.9	1.5		1.7

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/20/2026 4:16 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWA-1 (bg)	WGWA-18 (bg)	WGWA-2 (bg)	WGWC-10	WGWC-15	WGWA-7 (bg)	WGWA-6 (bg)	WGWC-16	WGWA-5 (bg)
4/3/2019									
4/4/2019				1.4	3.7			170	
9/16/2019	4						1.5		1.8
9/17/2019		2	2.4						
9/18/2019					3.2	2		100	
9/19/2019				1.5					
3/16/2020	4.3		2.7						
3/17/2020		2.3				2.2	1.7		1.6
3/18/2020				1.5	1.7			93	
3/19/2020									
5/4/2020									
9/21/2020			2.5						
9/22/2020	4	2.1				1.8	1.4		1.5
9/23/2020				1.3	1.5			58	
9/24/2020									
3/8/2021									
3/9/2021									
3/10/2021		1.9	2.6			1.9			1.8
3/11/2021	4.5			1.7			1.5	49	
3/12/2021					1.6				
4/7/2021									
4/8/2021									
8/23/2021			3.3						
8/24/2021	5.1					1.9	1.8		2.1
8/25/2021		2.3						45	
8/26/2021				1.6	1.4				
1/11/2022									
1/12/2022									
2/28/2022									
3/1/2022	4.1		2.7				1.5		1.5
3/3/2022		2		1.6	1.4	2.1		42	
3/4/2022									
6/6/2022									
6/7/2022									
8/15/2022	4		2.7				1.5		1.5
8/16/2022		1.9				1.9			
8/17/2022					1.2			35	
8/18/2022									
8/19/2022				1.4					
10/19/2022									
2/14/2023	3.9	1.9	2.6			1.8	1.5		1.3
2/15/2023					1			42	
2/16/2023				1.3					
8/11/2023									
8/14/2023	3.8		2.5						
8/15/2023		1.8				1.7	1.4	34	1.2
8/16/2023					0.95 (J)				
8/17/2023				1.3					
9/26/2023									
11/7/2023									
2/13/2024	3.5	1.7	2.4			1.6	1.4		
2/14/2024									

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/20/2026 4:16 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWA-1 (bg)	WGWA-18 (bg)	WGWA-2 (bg)	WGWC-10	WGWC-15	WGWA-7 (bg)	WGWA-6 (bg)	WGWC-16	WGWA-5 (bg)
2/15/2024				1.8	1.4			32	
2/16/2024									1.6
7/30/2024	3.9	2.1	2.9			2	1.8	26	
7/31/2024				1.7	1.3				
8/1/2024									
8/2/2024									
2/10/2025	4.6		3.3						
2/11/2025		2.5				2.4	1.8		
2/12/2025								28	
2/13/2025				1.5	1.1				
8/12/2025	3.3	2.2	2.6				1.4		
8/13/2025					1.4	1.9			
8/14/2025								26	
8/15/2025									
8/18/2025									
8/19/2025				1.8					
11/13/2025									
2/9/2026			3.1			2.1	1.8		
2/10/2026	4.3	2.4		1.7	1.3			23	
2/11/2026									
2/12/2026									
2/13/2026									

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/20/2026 4:16 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWA-4 (bg)	WGWC-17	WGWA-3 (bg)	WGWC-11	WGWC-13	WGWC-9	WGWC-12	WGWC-19	WGWC-14A
5/17/2016									
5/18/2016	1.45	2.72	1.92						
5/19/2016				3.21	2.26	1.46	3.8		
7/19/2016									
7/20/2016	1.4	1.9	1.8	3.4	1.9	1.5	3.8		
9/13/2016	1.4		1.7						
9/14/2016		1.6		3.1	1.6	1.4	3.7		
11/9/2016									
11/10/2016	1.3	1.6	1.6		1.4				
11/11/2016				3.2			3.5	2.6	
1/17/2017									
1/18/2017	1.3		1.7						
1/19/2017									
1/20/2017		1.5							
1/24/2017									
1/27/2017				3.4	1.4		3.1		
2/6/2017								2.6	
2/8/2017									2.5
2/9/2017						1.5			
2/23/2017									4.3
3/13/2017									
3/14/2017	1.2	1.5	1.6						
3/15/2017				3.1	1.4	1.3	3.2	2.4	
3/17/2017									4.8
4/11/2017						1.2		2.3	3.8
4/24/2017									
4/25/2017	1.2	1.8	1.6						
4/26/2017				3.1	1.3	1.2	3.2	2.3	4.8
5/17/2017									3.9
6/7/2017								2.5	3.2
7/11/2017								2.3	4.1
8/8/2017			1.7						
8/9/2017	1.2	1.4			1.4				
8/10/2017				3.1		1.3	3.4	2.5	
8/25/2017									
10/10/2017									
10/11/2017	1.2	1.5	1.6						2.2
10/12/2017				3	1.2	1.4	3.1	2.3	
3/27/2018									
3/28/2018	1.1		1.6						
3/29/2018				3.1	1.2	1.2	3.1	2.3	2.5
3/30/2018		1.5							
6/13/2018									
6/14/2018	1.2	1.5	1.6	3	1.2	1.2	3	2.4	2.8
9/24/2018									
9/27/2018									
9/28/2018									
10/2/2018									
10/3/2018	1.2		1.6						
10/4/2018		1.5		3.1	1.2	1.2	3.1	2.6	2.2
4/1/2019									
4/2/2019	1.2		1.7					2.5	

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/20/2026 4:16 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWA-4 (bg)	WGWC-17	WGWA-3 (bg)	WGWC-11	WGWC-13	WGWC-9	WGWC-12	WGWC-19	WGWC-14A
4/3/2019				3.3	1.2	2	3		2.4
4/4/2019		1.4							
9/16/2019									
9/17/2019	1.2								
9/18/2019		1.5	1.7		1.2			2.7	2.2
9/19/2019				3.2		1.5	3.2		
3/16/2020									
3/17/2020	1.4		1.8						
3/18/2020		1.5		3.2			3.2		
3/19/2020					1.3	2.1			1.9
5/4/2020								2.8	
9/21/2020	1.2		1.5						
9/22/2020									
9/23/2020		1.2				2.4	2.8	2.6	
9/24/2020				1	1.6				3.1
3/8/2021									
3/9/2021									
3/10/2021	1.2		1.8						
3/11/2021		1.3			1.2			2.9	2.6
3/12/2021				3.6		3.4	3.5		
4/7/2021									
4/8/2021									
8/23/2021									
8/24/2021	1.5								
8/25/2021		1.6	1.9	3.5	1.2		3.7		2.8
8/26/2021						3.1		3.3	
1/11/2022									
1/12/2022									
2/28/2022	1.2								
3/1/2022			1.8						
3/3/2022				3.6	1	3.5		3.2	2.4
3/4/2022		1.3					3.2		
6/6/2022									
6/7/2022									
8/15/2022									
8/16/2022	1.2	1.3	1.6	3.5					
8/17/2022						3.2		2.8	
8/18/2022					0.98 (J)		3		
8/19/2022									2.1
10/19/2022									
2/14/2023			1.6						
2/15/2023	1.2					3.9			
2/16/2023		1.2		3.3	0.97 (J)		2.9	2.6	1.9
8/11/2023									
8/14/2023									
8/15/2023	1.2		1.6						
8/16/2023		1.1		3.3	0.91 (J)	3.3	2.8	2.5	1.8
8/17/2023									
9/26/2023									
11/7/2023									
2/13/2024	1.1		1.5						
2/14/2024						3.2	2.8		

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/20/2026 4:16 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWA-4 (bg)	WGWC-17	WGWA-3 (bg)	WGWC-11	WGWC-13	WGWC-9	WGWC-12	WGWC-19	WGWC-14A
2/15/2024		1.6			1.3			3.5	2.5
2/16/2024				4.3					
7/30/2024	1.8		1.8						
7/31/2024		1.6		3.8	1.2		3.4	3.1	
8/1/2024						4.3			
8/2/2024									2.4
2/10/2025			2						
2/11/2025	1.7	1.9		0.45 (J)		2	3.7		
2/12/2025					1.3				2.4
2/13/2025								3.1	
8/12/2025	<5		1.5						
8/13/2025		1.8							
8/14/2025					1.5			3.3	2.5
8/15/2025							3.6		
8/18/2025				4.3					
8/19/2025						5.4			
11/13/2025									
2/9/2026	1.5		1.9						
2/10/2026				4.3	1.4				2.4
2/11/2026		1.6					4	3.4	
2/12/2026									
2/13/2026						5.9			

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

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/20/2026 4:16 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-25	WGWC-20	WGWC-22	WGWC-21	WGWC-24	WGWC-23	WGWC-27	WGWC-28D
5/17/2016								
5/18/2016								
5/19/2016								
7/19/2016								
7/20/2016								
9/13/2016								
9/14/2016								
11/9/2016								
11/10/2016								
11/11/2016								
1/17/2017								
1/18/2017								
1/19/2017								
1/20/2017								
1/24/2017								
1/27/2017								
2/6/2017								
2/8/2017								
2/9/2017								
2/23/2017								
3/13/2017								
3/14/2017								
3/15/2017								
3/17/2017								
4/11/2017								
4/24/2017								
4/25/2017								
4/26/2017								
5/17/2017								
6/7/2017								
7/11/2017								
8/8/2017								
8/9/2017								
8/10/2017								
8/25/2017								
10/10/2017								
10/11/2017								
10/12/2017								
3/27/2018								
3/28/2018								
3/29/2018								
3/30/2018								
6/13/2018								
6/14/2018								
9/24/2018								
9/27/2018								
9/28/2018								
10/2/2018								
10/3/2018								
10/4/2018								
4/1/2019								
4/2/2019								

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/20/2026 4:16 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-25	WGWC-20	WGWC-22	WGWC-21	WGWC-24	WGWC-23	WGWC-27	WGWC-28D
4/3/2019								
4/4/2019								
9/16/2019								
9/17/2019								
9/18/2019								
9/19/2019								
3/16/2020								
3/17/2020								
3/18/2020								
3/19/2020								
5/4/2020								
9/21/2020								
9/22/2020								
9/23/2020								
9/24/2020								
3/8/2021	74	70						
3/9/2021			2.9	58	110	3.5		
3/10/2021								
3/11/2021								
3/12/2021								
4/7/2021				50	110	3.7		
4/8/2021	77	57	2.4					
8/23/2021								
8/24/2021								
8/25/2021								
8/26/2021	79	130	4.2	47	100	3.3		
1/11/2022	75		5.1	44	60	2.9		
1/12/2022		350						
2/28/2022								
3/1/2022								
3/3/2022				45	50			
3/4/2022	79	330	5.3			2.9		
6/6/2022				48	41	3.1		
6/7/2022	79	180	4.3					
8/15/2022								
8/16/2022				41				
8/17/2022	77					3.2		
8/18/2022		140			27			
8/19/2022			4.2					
10/19/2022							5	
2/14/2023								
2/15/2023	79		4.6		39	2.9		
2/16/2023		230		51			22	
8/11/2023		190					29	
8/14/2023								
8/15/2023	35							
8/16/2023								
8/17/2023			3.9	47	22	2.9		
9/26/2023								540
11/7/2023								600
2/13/2024		230						
2/14/2024			4.1		22			520

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/20/2026 4:16 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-25	WGWC-20	WGWC-22	WGWC-21	WGWC-24	WGWC-23	WGWC-27	WGWC-28D
2/15/2024	12			59		3.5	29	
2/16/2024								
7/30/2024								
7/31/2024	53	270			14	3.2		
8/1/2024				48			26	710
8/2/2024			4.4					
2/10/2025								
2/11/2025								
2/12/2025	24	380	4.1				26	470
2/13/2025				48	19	3.1		
8/12/2025								
8/13/2025	12							
8/14/2025		180						930
8/15/2025								
8/18/2025			4.3		15		19	
8/19/2025				56		3.4		
11/13/2025								600 (R)
2/9/2026								
2/10/2026		180			17		20	
2/11/2026	44		4.7	62		3.3		
2/12/2026								740
2/13/2026								

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/20/2026 4:16 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWA-1 (bg)	WGWA-2 (bg)	WGWA-18 (bg)	WGWC-15	WGWC-16	WGWA-3 (bg)	WGWC-10	WGWC-17	WGWA-4 (bg)
5/17/2016	0.0131 (J)	0.0538 (J)	0.284 (J)						
5/18/2016				0.779	0.1 (J)	0.029 (J)	0.206 (J)	0.121 (J)	0.164 (J)
5/19/2016									
7/19/2016	<0.2	<0.2	0.21	0.97	0.14 (J)				
7/20/2016						<0.2	0.23	0.16 (J)	0.17 (J)
9/13/2016	<0.2	<0.2	0.15 (J)			<0.2			0.15 (J)
9/14/2016				0.89	0.18 (J)		0.17 (J)	0.19 (J)	
11/9/2016	<0.2	0.085 (J)	<0.2						
11/10/2016				0.88	0.11 (J)	<0.2		0.15 (J)	0.12 (J)
11/11/2016							0.14 (J)		
1/17/2017	<0.2	<0.2							
1/18/2017						<0.2			0.15 (J)
1/19/2017			0.087 (J)						
1/20/2017								0.18 (J)	
1/24/2017				0.92	0.15 (J)				
1/27/2017									
2/6/2017							0.15 (J)		
2/8/2017									
2/9/2017									
2/23/2017									
3/13/2017	<0.2	<0.2							
3/14/2017			<0.2	0.77		<0.2		0.11 (J)	0.13 (J)
3/15/2017					0.1 (J)		0.16 (J)		
3/17/2017									
4/11/2017									
4/24/2017	<0.2	<0.2							
4/25/2017			<0.2	0.95	0.13 (J)	<0.2		0.13 (J)	0.12 (J)
4/26/2017							0.17 (J)		
5/17/2017									
6/7/2017									
7/11/2017									
8/8/2017	<0.2	<0.2	0.087 (J)			<0.2			
8/9/2017				0.91	0.18 (J)			0.19 (J)	0.14 (J)
8/10/2017							0.2		
8/25/2017									
10/10/2017	<0.2	0.18 (J)							
10/11/2017			0.09 (J)	0.88	<0.2	<0.2		0.14 (J)	0.14 (J)
10/12/2017							0.14 (J)		
3/27/2018	<0.2	<0.2							
3/28/2018			0.11 (J)			<0.2			0.12 (J)
3/29/2018					0.13 (J)				
3/30/2018				0.79			0.13 (J)	0.095 (J)	
6/13/2018	<0.2		0.085 (J)						
6/14/2018		<0.2		0.79	<0.2	<0.2	0.15 (J)	0.11 (J)	0.12 (J)
9/24/2018		<0.2							
9/27/2018	<0.2								
9/28/2018			0.082 (J)						
10/2/2018									
10/3/2018				0.79		<0.2			0.13 (J)
10/4/2018					0.85 (J)		0.18 (J)	0.11 (J)	
2/25/2019	<0.2	0.032 (J)							
2/26/2019			0.23			<0.2		0.068 (J)	0.14 (J)

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

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/20/2026 4:16 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWA-1 (bg)	WGWA-2 (bg)	WGWA-18 (bg)	WGWC-15	WGWC-16	WGWA-3 (bg)	WGWC-10	WGWC-17	WGWA-4 (bg)
2/27/2019				0.81	0.47		0.21		
2/28/2019									
4/1/2019	<0.2	0.061 (J)							
4/2/2019			0.21			0.039 (J)			0.14 (J)
4/3/2019									
4/4/2019				0.78	0.08 (J)		0.13 (J)	0.087 (J)	
9/16/2019	0.03 (J)								
9/17/2019		0.061 (J)	0.079 (J)						0.14 (J)
9/18/2019				0.81	0.058 (J)	0.033 (J)		0.066 (J)	
9/19/2019							0.13 (J)		
2/3/2020	0.032 (J)	0.061 (J)							
2/4/2020						0.031 (J)			0.13
2/5/2020			0.12				0.14		
2/7/2020				0.79	0.072 (J)			0.079 (J)	
3/16/2020	0.042 (J)	0.052 (J)							
3/17/2020			<0.2			0.04 (J)			0.11
3/18/2020				0.71	0.084 (J)		0.052 (J)	<0.2	
3/19/2020									
5/4/2020									
9/21/2020		0.037 (J)				<0.2			0.091 (J)
9/22/2020	<0.2		0.1						
9/23/2020				0.63	0.049 (J)		0.09 (J)	0.05 (J)	
9/24/2020									
2/2/2021	0.028 (J)	0.065 (J)	0.071 (J)			0.035 (J)			0.15
2/3/2021									
2/4/2021				0.69	0.052 (J)		0.12	0.064 (J)	
3/8/2021									
3/9/2021									
3/10/2021		0.045 (J)	0.046 (J)			<0.2			0.12
3/11/2021	<0.2				0.061 (J)		0.15	0.05 (J)	
3/12/2021				0.88					
4/7/2021									
4/8/2021									
8/23/2021		0.097 (J)							
8/24/2021	0.062 (J)								0.17
8/25/2021			0.13		0.099 (J)	0.077 (J)		0.093 (J)	
8/26/2021				0.77			0.16		
1/11/2022									
1/12/2022									
2/28/2022									0.083 (J)
3/1/2022	<0.2	0.058 (J)				<0.2			
3/3/2022			0.078 (J)	0.88	0.067 (J)		0.067 (J)		
3/4/2022								0.06 (J)	
6/6/2022									
6/7/2022									
8/15/2022	<0.2	0.057 (J)							
8/16/2022			0.06 (J)			<0.2		0.06 (J)	0.12
8/17/2022				0.68	0.062 (J)				
8/18/2022									
8/19/2022							0.1		
10/19/2022									
2/14/2023	<0.2	0.07 (J)	0.053 (J)			0.041 (J)			

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

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/20/2026 4:16 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWA-1 (bg)	WGWA-2 (bg)	WGWA-18 (bg)	WGWC-15	WGWC-16	WGWA-3 (bg)	WGWC-10	WGWC-17	WGWA-4 (bg)
2/15/2023				0.73	0.076 (J)				0.14
2/16/2023							0.11	0.069 (J)	
8/11/2023									
8/14/2023	<0.2	0.061 (J)							
8/15/2023			0.051 (J)		0.065 (J)	0.04 (J)			0.14
8/16/2023				0.73				0.064 (J)	
8/17/2023							0.1		
9/26/2023									
11/7/2023									
2/13/2024	<0.2	<0.2	0.076 (J)			<0.2			0.087 (J)
2/14/2024									
2/15/2024				0.89	<0.2		<0.2	<0.2	
2/16/2024									
7/30/2024	<0.2	0.044 (J)	0.057 (J)		<0.2	<0.2			0.089 (J)
7/31/2024				0.62			0.1	0.049 (J)	
8/1/2024									
8/2/2024									
2/10/2025	<0.2	<0.2				<0.2			
2/11/2025			<0.2					<0.2	<0.2
2/12/2025					<0.2				
2/13/2025				0.72			<0.2		
8/12/2025	<0.2	<0.2	<0.2			<0.2			<0.2
8/13/2025				0.74				0.22	
8/14/2025					0.23				
8/15/2025									
8/18/2025									
8/19/2025							0.3		
11/13/2025									
2/9/2026		0.14 (J)				0.1 (J)			0.21
2/10/2026	0.1 (J)		0.13 (J)	0.83	0.15 (J)		0.18 (J)		
2/11/2026								0.17 (J)	
2/12/2026									
2/13/2026									

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

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/20/2026 4:16 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWA-5 (bg)	WGWA-7 (bg)	WGWA-6 (bg)	WGWC-13	WGWC-12	WGWC-11	WGWC-9	WGWC-19	WGWC-14A
5/17/2016									
5/18/2016	0.014 (J)	0.018 (J)	0.106 (J)						
5/19/2016				0.384	0.12 (J)	0.039 (J)	1.58		
7/19/2016	<0.2	<0.2	0.11 (J)						
7/20/2016				0.34	0.11 (J)	<0.2	2		
9/13/2016		<0.2	0.11 (J)						
9/14/2016	0.095 (J)			0.31	0.095 (J)	<0.2	1.8		
11/9/2016			0.1 (J)						
11/10/2016		<0.2		0.26					
11/11/2016					<0.2	<0.2		0.32	
1/17/2017									
1/18/2017		<0.2	0.11 (J)						
1/19/2017	<0.2								
1/20/2017									
1/24/2017									
1/27/2017				0.28	<0.2	<0.2			
2/6/2017								0.45	
2/8/2017									<0.2
2/9/2017							1.3		
2/23/2017									<0.2
3/13/2017									
3/14/2017	<0.2	<0.2	<0.2						
3/15/2017				0.3	<0.2	<0.2	1.3	0.37	
3/17/2017									<0.2
4/11/2017							1.4	0.37	<0.2
4/24/2017									
4/25/2017	<0.2	<0.2	<0.2						
4/26/2017				0.33	<0.2	<0.2	1.5	0.4	<0.2
5/17/2017									<0.2
6/7/2017								0.35	<0.2
7/11/2017								0.39	<0.2
8/8/2017		<0.2	0.099 (J)						
8/9/2017	<0.2			0.32					
8/10/2017					0.11 (J)	<0.2	1.6	0.42	
8/25/2017	<0.2								
10/10/2017									
10/11/2017	<0.2	<0.2	0.098 (J)						<0.2
10/12/2017				0.28	0.091 (J)	<0.2	1.5	0.36	
3/27/2018									
3/28/2018	<0.2	<0.2	0.088 (J)						
3/29/2018				0.27	0.089 (J)	<0.2	1.4	0.34	<0.2
3/30/2018									
6/13/2018	<0.2		0.093 (J)						
6/14/2018		<0.2		0.27	0.1 (J)	<0.2	1.4	0.35	<0.2
9/24/2018									
9/27/2018									
9/28/2018									
10/2/2018			0.13 (J)						
10/3/2018	<0.2	<0.2							
10/4/2018				0.23	0.12 (J)	<0.2	1.4	0.35	<0.2
2/25/2019									
2/26/2019	<0.2	<0.2	0.074 (J)						

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

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/20/2026 4:16 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWA-5 (bg)	WGWA-7 (bg)	WGWA-6 (bg)	WGWC-13	WGWC-12	WGWC-11	WGWC-9	WGWC-19	WGWC-14A
2/27/2019				0.25	0.06 (J)	0.047 (J)			<0.2
2/28/2019							1.4	0.28	
4/1/2019									
4/2/2019	<0.2	<0.2	0.09 (J)					0.33	
4/3/2019				0.24	0.084 (J)	0.048 (J)	1.3		0.048 (J)
4/4/2019									
9/16/2019	<0.2		0.1 (J)						
9/17/2019									
9/18/2019		0.027 (J)		0.22				0.32	0.035 (J)
9/19/2019					0.093 (J)	0.037 (J)	1.3		
2/3/2020									
2/4/2020	<0.2		0.13						
2/5/2020		0.026 (J)		0.2	0.098 (J)	0.045 (J)	1.3		0.04 (J)
2/7/2020								0.35	
3/16/2020									
3/17/2020	<0.2	0.044 (J)	0.037 (J)						
3/18/2020					0.033 (J)	<0.2			
3/19/2020				0.15			1		<0.2
5/4/2020								0.36	
9/21/2020									
9/22/2020	<0.2	<0.2	0.068 (J)						
9/23/2020					0.064 (J)		0.82	0.25	
9/24/2020				<0.2		0.18			0.028 (J)
2/2/2021		<0.2							
2/3/2021	<0.2		0.088 (J)		0.082 (J)	0.027 (J)		0.3	
2/4/2021				0.16			0.91		0.033 (J)
3/8/2021									
3/9/2021									
3/10/2021	<0.2	<0.2							
3/11/2021			0.092 (J)	0.18				0.31	0.04 (J)
3/12/2021					0.096 (J)	0.044 (J)	0.98		
4/7/2021									
4/8/2021									
8/23/2021									
8/24/2021	0.073 (J)	0.054 (J)	0.16						
8/25/2021				0.2	0.14	0.056 (J)			0.071 (J)
8/26/2021							1	0.38	
1/11/2022									
1/12/2022									
2/28/2022									
3/1/2022	<0.2		0.063 (J)						
3/3/2022		0.038 (J)		0.21		0.055 (J)	1	0.4	0.057 (J)
3/4/2022					0.068 (J)				
6/6/2022									
6/7/2022									
8/15/2022	<0.2		0.093 (J)						
8/16/2022		<0.2				<0.2			
8/17/2022							0.9	0.28	
8/18/2022				0.14	0.073 (J)				
8/19/2022									<0.2
10/19/2022									
2/14/2023	<0.2	<0.2	0.11						

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

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/20/2026 4:16 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWA-5 (bg)	WGWA-7 (bg)	WGWA-6 (bg)	WGWC-13	WGWC-12	WGWC-11	WGWC-9	WGWC-19	WGWC-14A
2/15/2023							0.85		
2/16/2023				0.15	0.089 (J)	0.041 (J)		0.33	<0.2
8/11/2023									
8/14/2023									
8/15/2023	<0.2	<0.2	0.12						
8/16/2023				0.13	0.083 (J)	0.041 (J)	0.9	0.34	0.04 (J)
8/17/2023									
9/26/2023									
11/7/2023									
2/13/2024		<0.2	0.07 (J)						
2/14/2024					0.044 (J)		0.73		
2/15/2024				0.21 (J)				0.4	<0.2
2/16/2024	<0.2					<0.2			
7/30/2024		<0.2	0.09 (J)						
7/31/2024				0.15	0.077 (J)	<0.2		0.28	
8/1/2024							0.9		
8/2/2024									<0.2
2/10/2025									
2/11/2025		<0.2	<0.2		<0.2	<0.2	0.4		
2/12/2025				<0.2					<0.2
2/13/2025								0.058 (J)	
8/12/2025			<0.2						
8/13/2025		<0.2							
8/14/2025				0.26				0.45	0.2
8/15/2025					0.22				
8/18/2025						0.17 (J)			
8/19/2025							0.9		
11/13/2025									
2/9/2026		0.11 (J)	0.18 (J)						
2/10/2026				0.22		0.1 (J)			0.1 (J)
2/11/2026					0.16 (J)			0.35	
2/12/2026									
2/13/2026							0.96		

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

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/20/2026 4:16 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-25	WGWC-20	WGWC-21	WGWC-22	WGWC-24	WGWC-23	WGWC-27	WGWC-28D
5/17/2016								
5/18/2016								
5/19/2016								
7/19/2016								
7/20/2016								
9/13/2016								
9/14/2016								
11/9/2016								
11/10/2016								
11/11/2016								
1/17/2017								
1/18/2017								
1/19/2017								
1/20/2017								
1/24/2017								
1/27/2017								
2/6/2017								
2/8/2017								
2/9/2017								
2/23/2017								
3/13/2017								
3/14/2017								
3/15/2017								
3/17/2017								
4/11/2017								
4/24/2017								
4/25/2017								
4/26/2017								
5/17/2017								
6/7/2017								
7/11/2017								
8/8/2017								
8/9/2017								
8/10/2017								
8/25/2017								
10/10/2017								
10/11/2017								
10/12/2017								
3/27/2018								
3/28/2018								
3/29/2018								
3/30/2018								
6/13/2018								
6/14/2018								
9/24/2018								
9/27/2018								
9/28/2018								
10/2/2018								
10/3/2018								
10/4/2018								
2/25/2019								
2/26/2019								

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/20/2026 4:16 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-25	WGWC-20	WGWC-21	WGWC-22	WGWC-24	WGWC-23	WGWC-27	WGWC-28D
2/27/2019								
2/28/2019								
4/1/2019								
4/2/2019								
4/3/2019								
4/4/2019								
9/16/2019								
9/17/2019								
9/18/2019								
9/19/2019								
2/3/2020								
2/4/2020								
2/5/2020								
2/7/2020								
3/16/2020								
3/17/2020								
3/18/2020								
3/19/2020								
5/4/2020								
9/21/2020								
9/22/2020								
9/23/2020								
9/24/2020								
2/2/2021								
2/3/2021								
2/4/2021								
3/8/2021	<0.2	1.8						
3/9/2021			1.7	1.1	1	0.092 (J)		
3/10/2021								
3/11/2021								
3/12/2021								
4/7/2021			1.6		1.1	0.093 (J)		
4/8/2021	0.028 (J)	1.7		1.4				
8/23/2021								
8/24/2021								
8/25/2021								
8/26/2021	0.047 (J)	2	2	0.51	1.2	0.081 (J)		
1/11/2022	0.028 (J)		1.9	0.45	1	0.045 (J)		
1/12/2022		1.8						
2/28/2022								
3/1/2022								
3/3/2022			1.8		0.71			
3/4/2022	0.038 (J)	2		0.42		0.045 (J)		
6/6/2022			1.9		0.43	0.028 (J)		
6/7/2022	<0.2	2.5		0.37				
8/15/2022								
8/16/2022			1.8					
8/17/2022	<0.2					0.043 (J)		
8/18/2022		2			0.24			
8/19/2022				0.31				
10/19/2022							0.52	
2/14/2023								

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

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/20/2026 4:16 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-25	WGWC-20	WGWC-21	WGWC-22	WGWC-24	WGWC-23	WGWC-27	WGWC-28D
2/15/2023	<0.2			0.31	0.63	0.048 (J)		
2/16/2023		1.9	1.9				0.92	
8/11/2023		2.1					1.1	
8/14/2023								
8/15/2023	0.049 (J)							
8/16/2023								
8/17/2023			1.8	0.32	0.28	0.045 (J)		
9/26/2023								1.6
11/7/2023								2.1
2/13/2024		<0.2						
2/14/2024				0.23	<0.2			<0.2
2/15/2024	<0.2		2.2			<0.2	1.2	
2/16/2024								
7/30/2024								
7/31/2024	<0.2	1.8			0.1 (J)	0.045 (J)		
8/1/2024			<0.2				0.66	<0.2
8/2/2024				<0.2				
2/10/2025								
2/11/2025								
2/12/2025	<0.2	<0.2		<0.2			<0.2	<0.2
2/13/2025			<0.2		<0.2	<0.2		
8/12/2025								
8/13/2025	<0.2							
8/14/2025		2.4						1.3
8/15/2025								
8/18/2025				0.34	0.28		0.92	
8/19/2025			2			0.18 (J)		
11/13/2025								4.4 (R)
2/9/2026								
2/10/2026		2			0.28		0.8	
2/11/2026	0.099 (J)		2	0.28		0.1 (J)		
2/12/2026								1.9
2/13/2026								

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

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 4/20/2026 4:16 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWA-1 (bg)	WGWA-18 (bg)	WGWA-2 (bg)	WGWC-10	WGWA-7 (bg)	WGWA-6 (bg)	WGWA-5 (bg)	WGWA-4 (bg)	WGWC-15
5/17/2016	5.24	7.81	6.23						
5/18/2016				8.96	5.5	7.92	5.47	7.23	7.75
5/19/2016									
7/19/2016	5.43	7.250493	6.285413		5.430599	7.154587	5.336672		7.876073
7/20/2016				8.56774				7.281557	
9/1/2016									
9/13/2016	5.22	7.18	6.3		5.57	7.96		7.15	
9/14/2016							7.29		7.79
11/9/2016	5.57	6.03	6.26			7.27			
11/10/2016					6.93			6.33	7.76
11/11/2016				6.96					
1/17/2017	5.48		6.8						
1/18/2017					7.16	7.72		6.94	
1/19/2017		6.71					6.59		
1/20/2017									
1/24/2017									7.71
1/27/2017									
2/6/2017				6.93					
2/8/2017									
2/23/2017									
3/13/2017	5.4		6.18						
3/14/2017		6.45			5.82		5.86	6.75	7.57
3/15/2017				6.82					
3/17/2017									
4/11/2017									
4/24/2017	5.4		6.35						
4/25/2017		6.93			5.57	7.73	5.35	6.84	7.47
4/26/2017				6.73					
5/17/2017									
6/7/2017									
7/11/2017									
8/8/2017	5.32	6.72	6.23		5.6	7.74			
8/9/2017							5.25	6.67	7.37
8/10/2017				6.66					
8/25/2017							5.44		
10/10/2017	5.26		6.32						
10/11/2017		6.75			5.43	7.01	6.99	6.75	7.42
10/12/2017				6.67					
3/27/2018	5.39		6.14						
3/28/2018		6.84			5.29	7.28	5.95	6.79	
3/29/2018									
3/30/2018				6.98					7.48
6/13/2018	5.33	6.31				7.78	5.13		
6/14/2018			6.02	6.56	5.39			6.67	7.5
9/24/2018			6.1						
9/27/2018	5.33								
9/28/2018		6.26							
10/2/2018						7.52			
10/3/2018					5.33		5.22	6.92	7.11
10/4/2018				6.4					
2/25/2019	5.25		6.02						
2/26/2019		7.66			5.62	7.87	5.21	6.74	

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 4/20/2026 4:16 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWA-1 (bg)	WGWA-18 (bg)	WGWA-2 (bg)	WGWC-10	WGWA-7 (bg)	WGWA-6 (bg)	WGWA-5 (bg)	WGWA-4 (bg)	WGWC-15
2/27/2019				6.23					7.4
2/28/2019									
4/1/2019	5.31		6.09						
4/2/2019		7.53			5.6	7.94	5.25	6.81	
4/3/2019									
4/4/2019				6.46					7.58
9/16/2019	5.28					7.55	6.94		
9/17/2019		6.47	6.25					6.93	
9/18/2019					5.6				7.8
9/19/2019				6.45					
2/3/2020	5.402418		6.090122						
2/4/2020						7.740019	5.307606	7.287213	
2/5/2020		6.730563		6.415246	5.535178				
2/7/2020									7.657187
3/16/2020	5.29		6.01						
3/17/2020		6.36			5.32	7.95	5.34	6.83	
3/18/2020				6.4					7.73
3/19/2020									
5/4/2020									
9/21/2020			6.05					6.81	
9/22/2020	5.09	7.18			5.36	7.4	6.78		
9/23/2020				6.14					7.35
9/24/2020									
2/2/2021	5.36	6.48	6.1		5.84			6.61	
2/3/2021						7.76	5.3		
2/4/2021				6.21					7.77
3/8/2021									
3/9/2021									
3/10/2021		5.8	6.11		4.96		5.22	7.19	
3/11/2021	5.26			6.56		7.93			
3/12/2021									7.72
4/7/2021									
4/8/2021									
8/23/2021			6.18						
8/24/2021	5.21				5.53	7.88	6.8	7.22	
8/25/2021		6.74							
8/26/2021				6.31					7.58
1/11/2022									
1/12/2022									
2/28/2022								7.14	
3/1/2022	5.32		6.2			7.86	5.47		
3/3/2022		5.94		6.36	5.44				7.61
3/4/2022									
6/6/2022									
6/7/2022									
8/15/2022	5.28		6.04			7.76	6.54		
8/16/2022		6.19			5.32			6.92	
8/17/2022									7.54
8/18/2022									
8/19/2022				6.2					
10/19/2022									
2/14/2023	5.37	5.89	6.06		5.44	7.78	5.3		

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 4/20/2026 4:16 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWA-1 (bg)	WGWA-18 (bg)	WGWA-2 (bg)	WGWC-10	WGWA-7 (bg)	WGWA-6 (bg)	WGWA-5 (bg)	WGWA-4 (bg)	WGWC-15
2/15/2023								7.21	7.72
2/16/2023				6.39					
8/11/2023									
8/14/2023	5.09		6.06						
8/15/2023		6.01			5.49	7.93	6.6	6.47	
8/16/2023									7.41
8/17/2023				6.49					
9/26/2023									
11/7/2023									
2/13/2024	5.46	5.84	5.97		6.19	7.75		7.1	
2/14/2024									
2/15/2024				6.41					7.88
2/16/2024							5.23		
7/30/2024	5.27	6.47	5.9		5.43	7.88		7.13	
7/31/2024				6.21					7.67
8/1/2024									
8/2/2024									
2/10/2025	5.4		6.44						
2/11/2025		5.74			6.08	8.01		7.58	
2/12/2025									
2/13/2025				6.27					7.87
8/12/2025	4.54	5.96	6.08			7.76		7	
8/13/2025					4.98				7.91
8/14/2025									
8/15/2025									
8/18/2025									
8/19/2025				6.45					
11/13/2025									
2/9/2026			6.1		5.29	8.13		7.07	
2/10/2026	5.07	6.11		6.35					8.01
2/11/2026									
2/12/2026									
2/13/2026									

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 4/20/2026 4:16 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWA-3 (bg)	WGWC-16	WGWC-17	WGWC-11	WGWC-12	WGWC-13	WGWC-9	WGWC-19	WGWC-14A
5/17/2016									
5/18/2016	5.55	6.06	6.41						
5/19/2016				5.93	6.91	6.85	6.31		
7/19/2016		5.88							
7/20/2016	5.656628		6.662463	5.97	6.962608	6.705264	6.345061		
9/1/2016					6.96				
9/13/2016	5.63								
9/14/2016		5.89	6.7			6.7	6.33		
11/9/2016									
11/10/2016	5.61	5.6	6.51			6.5			
11/11/2016				6.03	6.76			6.93	
1/17/2017									
1/18/2017	5.81								
1/19/2017									
1/20/2017			6.55						
1/24/2017		5.54							
1/27/2017				6.21	6.66	6.47			
2/6/2017								6.8	
2/8/2017									5.81
2/23/2017									5.8
3/13/2017									
3/14/2017	5.53		6.27						
3/15/2017		5.39		5.97	6.3	6.75	5.99	6.78	
3/17/2017									5.97
4/11/2017								6.79	6.18
4/24/2017									
4/25/2017	5.59	5.28	6.36						
4/26/2017				6.17	6.67	6.57	6.03	6.82	6.09
5/17/2017									6.26
6/7/2017								6.76	6.21
7/11/2017								6.99	6
8/8/2017	5.52								
8/9/2017		5.46	6.47			6.55			
8/10/2017				6.05	6.7		5.86	6.59	
8/25/2017									
10/10/2017									
10/11/2017	5.51	5.45	6.47						6.97
10/12/2017				6.89	6.89	6.67	6.09	6.7	
3/27/2018									
3/28/2018	5.6								
3/29/2018		5.33		6.85	7.08	6.99	5.89	6.88	6.51
3/30/2018			6.71						
6/13/2018									
6/14/2018	5.58	5.35	6.15	5.89	6.73	6.39	6.47	6.72	5.76
9/24/2018									
9/27/2018									
9/28/2018									
10/2/2018									
10/3/2018	5.45								
10/4/2018		5.28	6.14	5.81	6.79	6.5	6.17	6.67	5.97
2/25/2019									
2/26/2019	5.6		6.17						

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 4/20/2026 4:16 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWA-3 (bg)	WGWC-16	WGWC-17	WGWC-11	WGWC-12	WGWC-13	WGWC-9	WGWC-19	WGWC-14A
2/27/2019		5.08		5.78	6.7	6.47			5.73
2/28/2019							6.54	6.98	
4/1/2019									
4/2/2019	5.69							6.75	
4/3/2019				6.07	6.91	6.47	6.1		5.68
4/4/2019		5.19	6.16						
9/16/2019									
9/17/2019									
9/18/2019	5.62	5.19	6.17			6.46		6.71	5.5
9/19/2019				5.82	6.63		6.38		
2/3/2020									
2/4/2020	5.655257								
2/5/2020				5.891838	6.763076	6.440089	6.536418		5.523207
2/7/2020		5.168839	6.341561					7.078448	
3/16/2020									
3/17/2020	5.61								
3/18/2020		5.08	6.3	5.89	6.93				
3/19/2020						6.56	6.64		5.49
5/4/2020								6.9	
9/21/2020	5.35								
9/22/2020									
9/23/2020		5.05	5.89		6.42		5.8	6.59	
9/24/2020				5.5		6.29			5.16
2/2/2021	5.78								
2/3/2021				5.21	6.15			6.75	
2/4/2021		5.42	6.31			6.34	6.22		5.76
3/8/2021									
3/9/2021									
3/10/2021	5.49								
3/11/2021		5.21	5.96			5.95		7.12	5.1
3/12/2021				5.46	6.66		5.88		
4/7/2021									
4/8/2021									
8/23/2021									
8/24/2021									
8/25/2021	5.52	5.25	6.09	5.66	6.69	6.27			5.39
8/26/2021							5.84	6.66	
1/11/2022									
1/12/2022									
2/28/2022									
3/1/2022	5.59								
3/3/2022		5.22		5.59		6.31	5.86	6.69	5.4
3/4/2022			6.21		6.79				
6/6/2022									
6/7/2022									
8/15/2022									
8/16/2022	5.46		6.02	5.56					
8/17/2022		5.24					5.8	6.6	
8/18/2022					6.52	6.15			
8/19/2022									5.25
10/19/2022									
2/14/2023	5.49								

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 4/20/2026 4:16 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWA-3 (bg)	WGWC-16	WGWC-17	WGWC-11	WGWC-12	WGWC-13	WGWC-9	WGWC-19	WGWC-14A
2/15/2023		5.19					5.86		
2/16/2023			6.28	5.69	6.61	6.27		6.8	5.4
8/11/2023									
8/14/2023									
8/15/2023	5.17	5.07							
8/16/2023			6.13	5.19	6.1	6.22	5.78	6.44	5.17
8/17/2023									
9/26/2023									
11/7/2023									
2/13/2024	5.52								
2/14/2024					6.67		6.13		
2/15/2024		5.31	6.16			6.3		6.87	5.18
2/16/2024				5.6					
7/30/2024	5.52	5.26							
7/31/2024			6.04	5.6	6.74	6.22		6.54	
8/1/2024							5.77		
8/2/2024									5.09
2/10/2025	5.25								
2/11/2025			6.26	5.54	6.63		5.86		
2/12/2025		5.42				6.32			5.44
2/13/2025								6.7	
8/12/2025	5.28								
8/13/2025			5.76						
8/14/2025		5.26				5.93		6.67	5.03
8/15/2025					6.69				
8/18/2025				5.26					
8/19/2025							6.05		
11/13/2025									
2/9/2026	5.24								
2/10/2026		5.35		5.6		6.26			5.34
2/11/2026			6.08		6.92			6.59	
2/12/2026									
2/13/2026							5.71		

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 4/20/2026 4:16 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-25	WGWC-20	WGWC-21	WGWC-23	WGWC-22	WGWC-24	WGWC-27	WGWC-28D
5/17/2016								
5/18/2016								
5/19/2016								
7/19/2016								
7/20/2016								
9/1/2016								
9/13/2016								
9/14/2016								
11/9/2016								
11/10/2016								
11/11/2016								
1/17/2017								
1/18/2017								
1/19/2017								
1/20/2017								
1/24/2017								
1/27/2017								
2/6/2017								
2/8/2017								
2/23/2017								
3/13/2017								
3/14/2017								
3/15/2017								
3/17/2017								
4/11/2017								
4/24/2017								
4/25/2017								
4/26/2017								
5/17/2017								
6/7/2017								
7/11/2017								
8/8/2017								
8/9/2017								
8/10/2017								
8/25/2017								
10/10/2017								
10/11/2017								
10/12/2017								
3/27/2018								
3/28/2018								
3/29/2018								
3/30/2018								
6/13/2018								
6/14/2018								
9/24/2018								
9/27/2018								
9/28/2018								
10/2/2018								
10/3/2018								
10/4/2018								
2/25/2019								
2/26/2019								

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 4/20/2026 4:16 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-25	WGWC-20	WGWC-21	WGWC-23	WGWC-22	WGWC-24	WGWC-27	WGWC-28D
2/27/2019								
2/28/2019								
4/1/2019								
4/2/2019								
4/3/2019								
4/4/2019								
9/16/2019								
9/17/2019								
9/18/2019								
9/19/2019								
2/3/2020								
2/4/2020								
2/5/2020								
2/7/2020								
3/16/2020								
3/17/2020								
3/18/2020								
3/19/2020								
5/4/2020								
9/21/2020								
9/22/2020								
9/23/2020								
9/24/2020								
2/2/2021								
2/3/2021								
2/4/2021								
3/8/2021	5.36	5.54						
3/9/2021			7.29	5.81	5.56	4.29		
3/10/2021								
3/11/2021								
3/12/2021								
4/7/2021			7.05	5.57		4.43		
4/8/2021	5.39	5.6			6.01			
8/23/2021								
8/24/2021								
8/25/2021								
8/26/2021	5.3	5.37	6.88	5.8	5.4	4.33		
1/11/2022	5.26		6.68	5.61	5.4	4.39		
1/12/2022		5.19						
2/28/2022								
3/1/2022								
3/3/2022			6.88			4.39		
3/4/2022	5.21	5.23		5.74	5.34			
6/6/2022			6.69	5.73		4.52		
6/7/2022	5.32	5.39			5.41			
8/15/2022								
8/16/2022			6.72					
8/17/2022	5.28			5.64				
8/18/2022		5.29				4.42		
8/19/2022					5.34			
10/19/2022							5.93	
2/14/2023								

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 4/20/2026 4:16 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-25	WGWC-20	WGWC-21	WGWC-23	WGWC-22	WGWC-24	WGWC-27	WGWC-28D
2/15/2023	5.36			5.49	5.47	4.54		
2/16/2023		5.17	6.92				5.91	
8/11/2023		5.31					6.07	
8/14/2023								
8/15/2023	5.97							
8/16/2023								
8/17/2023			6.86	5.66	5.41	4.35		
9/26/2023								7.33
11/7/2023								6.48
2/13/2024		5.34						
2/14/2024					5.84	4.72		6.47
2/15/2024	6.24		6.7	5.62			6.23	
2/16/2024								
7/30/2024								
7/31/2024	5.97	5.47		5.44		4.41		
8/1/2024			6.73				6.11	7
8/2/2024					5.36			
2/10/2025								
2/11/2025								
2/12/2025	6.19	5.33			5.47		6.02	6.64
2/13/2025			6.63	5.58		4.49		
8/12/2025								
8/13/2025	5.58							
8/14/2025		5.33						6.66
8/15/2025								
8/18/2025					5.39	4.57	6.08	
8/19/2025			6.73	5.34				
11/13/2025								6.91 (R)
2/9/2026								
2/10/2026		5.38				4.59	6	
2/11/2026	5.61		6.72	5.49	5.53			
2/12/2026								6.81
2/13/2026								

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/20/2026 4:16 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWA-1 (bg)	WGWA-18 (bg)	WGWA-2 (bg)	WGWC-10	WGWC-15	WGWA-7 (bg)	WGWA-6 (bg)	WGWC-16	WGWA-5 (bg)
5/17/2016	<1	19.9	1.14						
5/18/2016				2.84	50.7	0.368 (J)	8.88	388	0.955 (J)
5/19/2016									
7/19/2016	<1	14	1.4		62	<1	9	460	0.76 (J)
7/20/2016				2.8					
9/13/2016	<1	11	1.1			<1	8.5		
9/14/2016				2.8	79			500	3.4
11/9/2016	<1	6.3	1.1				8.2		
11/10/2016					61	<1		530	
11/11/2016				2.6					
1/17/2017	<1		2.1						
1/18/2017						1.4	9.4		
1/19/2017		7.4							21
1/20/2017									
1/24/2017					34			600	
1/27/2017									
2/6/2017				2.7					
2/8/2017									
2/9/2017									
2/23/2017									
3/13/2017	<1		0.97 (J)						
3/14/2017		10			43	<1	2		1.4
3/15/2017				2.7				610	
3/17/2017									
4/11/2017									
4/24/2017	<1		0.75 (J)						
4/25/2017		10			39	<1	8.2	620	0.89 (J)
4/26/2017				2.5					
5/17/2017									
6/7/2017									
7/11/2017									
8/8/2017	<1	12	1.1			<1	8.5		
8/9/2017					35			780	0.75 (J)
8/10/2017				2.2					
8/25/2017									<1
10/10/2017	<1		1.3						
10/11/2017		11			48	<1	8.3	720	<1
10/12/2017				1.9					
3/27/2018	<1		0.72 (J)						
3/28/2018		12				<1	8.1		0.88 (J)
3/29/2018								700	
3/30/2018				1.9	42				
6/13/2018	<1	8.2					8.3		<1
6/14/2018			0.84 (J)	2	44	<1		620	
9/24/2018			0.79 (J)						
9/27/2018	<1								
9/28/2018		7.6							
10/2/2018							8.3		
10/3/2018					49	<1			<1
10/4/2018				1.9				560	
4/1/2019	<1		1						
4/2/2019		11				0.4 (J)	8.5		0.94 (J)

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

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/20/2026 4:16 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWA-1 (bg)	WGWA-18 (bg)	WGWA-2 (bg)	WGWC-10	WGWC-15	WGWA-7 (bg)	WGWA-6 (bg)	WGWC-16	WGWA-5 (bg)
4/3/2019									
4/4/2019				2.2	41			250	
9/16/2019	0.49 (J)						8.9		2.2
9/17/2019		8	1.3						
9/18/2019					37	<1		130	
9/19/2019				2.1					
3/16/2020	0.42 (J)		1.3						
3/17/2020		8.5				0.86 (J)	12		4
3/18/2020				2.1	17			120	
3/19/2020									
5/4/2020									
9/21/2020			1.1						
9/22/2020	<1	9				0.38 (J)	8		1.5
9/23/2020				1.8	21			85	
9/24/2020									
3/8/2021									
3/9/2021									
3/10/2021		7.1	0.9 (J)			<1			<1
3/11/2021	<1			2.8			8.4	64	
3/12/2021					19				
4/7/2021									
4/8/2021									
8/23/2021			1.3						
8/24/2021	<1					<1	8.9		2.8
8/25/2021		8.2						63	
8/26/2021				1.8	16				
1/11/2022									
1/12/2022									
2/28/2022									
3/1/2022	<1		1.6				9.2		0.99 (J)
3/3/2022		8.5		2	18	<1		57	
3/4/2022									
6/6/2022									
6/7/2022									
8/15/2022	<1		0.54 (J)				7.5		1.6
8/16/2022		7.2				<1			
8/17/2022					14			49	
8/18/2022									
8/19/2022				1.6					
10/19/2022									
2/14/2023	<1	7.3	0.66 (J)			<1	7.9		0.66 (J)
2/15/2023					14			54	
2/16/2023				1.8					
8/11/2023									
8/14/2023	<1		0.74 (J)						
8/15/2023		6.8				0.45 (J)	7.3	52	1.2
8/16/2023					13				
8/17/2023				1.7					
9/26/2023									
11/7/2023									
2/13/2024	<1	5.1	0.64 (J)			0.56 (J)	6.7		
2/14/2024									

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

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/20/2026 4:16 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWA-1 (bg)	WGWA-18 (bg)	WGWA-2 (bg)	WGWC-10	WGWC-15	WGWA-7 (bg)	WGWA-6 (bg)	WGWC-16	WGWA-5 (bg)
2/15/2024				3.2	16			50	
2/16/2024									1.5
7/30/2024	<1	8.6	0.81 (J)			<1	7.7	41	
7/31/2024				1.9	14				
8/1/2024									
8/2/2024									
2/10/2025	<1		1.1						
2/11/2025		8.4				0.7 (J)	7.9		
2/12/2025								40	
2/13/2025				1.9	13				
8/12/2025	<1	6	1.4				6.3		
8/13/2025					14	<1			
8/14/2025								38	
8/15/2025									
8/18/2025									
8/19/2025				2.1					
11/13/2025									
2/9/2026			1.2			<1	8.6		
2/10/2026	<1	7.7		2	14			35	
2/11/2026									
2/12/2026									
2/13/2026									

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

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/20/2026 4:16 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWA-4 (bg)	WGWC-17	WGWA-3 (bg)	WGWC-11	WGWC-13	WGWC-9	WGWC-12	WGWC-19	WGWC-14A
5/17/2016									
5/18/2016	5.32	32.1	0.821 (J)						
5/19/2016				1.83	19.2	35.9	15.8		
7/19/2016									
7/20/2016	6.5	9.7	0.82 (J)	1.6	11	37	16		
9/13/2016	5.6		0.81 (J)						
9/14/2016		6.6		1.5	8.6	39	16		
11/9/2016									
11/10/2016	5.4	5.2	0.73 (J)		5.7				
11/11/2016				1.4			14	3.4	
1/17/2017									
1/18/2017	5.1		0.99 (J)						
1/19/2017									
1/20/2017		5.3							
1/24/2017									
1/27/2017				2.5	6.8		15		
2/6/2017								3.7	
2/8/2017									4.3
2/9/2017						60			
2/23/2017									16
3/13/2017									
3/14/2017	4.6	9.6	0.83 (J)						
3/15/2017				2.5	11	44	17	3.6	
3/17/2017									22
4/11/2017						36		3.2	13
4/24/2017									
4/25/2017	6.6	20	0.7 (J)						
4/26/2017				2.2	8.1	37	15	3.3	20
5/17/2017									12
6/7/2017								3.8	8.1
7/11/2017								3.3	17
8/8/2017			0.82 (J)						
8/9/2017	7.3	6.5			8.1				
8/10/2017				2.3		38	16	3.7	
8/25/2017									
10/10/2017									
10/11/2017	6.8	13	0.72 (J)						3.4
10/12/2017				1.9	6.1	37	14	3.6	
3/27/2018									
3/28/2018	6.8		<1						
3/29/2018				2.2	6.5	37	16	3.4	4.6
3/30/2018		16							
6/13/2018									
6/14/2018	6.9	16	<1	1.7	5	37	14	3.5	5.8
9/24/2018									
9/27/2018									
9/28/2018									
10/2/2018									
10/3/2018	7		0.73 (J)						
10/4/2018		15		1.6	4.3	38	14	4.6	2.8
4/1/2019									
4/2/2019	8.1		1.1					3.8	

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

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/20/2026 4:16 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWA-4 (bg)	WGWC-17	WGWA-3 (bg)	WGWC-11	WGWC-13	WGWC-9	WGWC-12	WGWC-19	WGWC-14A
4/3/2019				1.9	3.8	41	13		3.8
4/4/2019		9.1							
9/16/2019									
9/17/2019	8.1								
9/18/2019		7.3	0.78 (J)		3.9			3.6	1.7
9/19/2019				1.3		42	14		
3/16/2020									
3/17/2020	12		1.2						
3/18/2020		4.2		1.6			12		
3/19/2020					4	45			1.5
5/4/2020								4.5	
9/21/2020	7.7		0.77 (J)						
9/22/2020									
9/23/2020		4.4				54	12	3	
9/24/2020				2.7	0.63 (J)				1.2
3/8/2021									
3/9/2021									
3/10/2021	8.1		0.91 (J)						
3/11/2021		3.9			2.9			4	1.7
3/12/2021				2		62	14		
4/7/2021									
4/8/2021									
8/23/2021									
8/24/2021	7.9								
8/25/2021		3.3	0.79 (J)	1.1	1.8		13		<1
8/26/2021						52		3.5	
1/11/2022									
1/12/2022									
2/28/2022	8.4								
3/1/2022			0.98 (J)						
3/3/2022				2.3	3	58		4.8	1.3
3/4/2022		3.6					14		
6/6/2022									
6/7/2022									
8/15/2022									
8/16/2022	6.9	3.4	0.52 (J)	0.98 (J)					
8/17/2022						50		2.8	
8/18/2022					1.7		11		
8/19/2022									<1
10/19/2022									
2/14/2023			0.65 (J)						
2/15/2023	7.8					65			
2/16/2023		2.6		1	2.3		2.8	3	0.47 (J)
8/11/2023									
8/14/2023									
8/15/2023	7.4		0.71 (J)						
8/16/2023		2.6		1	2.1	50	12	2.6	0.52 (J)
8/17/2023									
9/26/2023									
11/7/2023									
2/13/2024	6.2		0.68 (J)						
2/14/2024						37	8.8		

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

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/20/2026 4:16 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWA-4 (bg)	WGWC-17	WGWA-3 (bg)	WGWC-11	WGWC-13	WGWC-9	WGWC-12	WGWC-19	WGWC-14A
2/15/2024		5.4			4.3			5.7	1.2
2/16/2024				2.1					
7/30/2024	7.7		0.73 (J)						
7/31/2024		3		1	2.2		12	3.2	
8/1/2024						50			
8/2/2024									0.6 (J)
2/10/2025			1.1						
2/11/2025	8.1	3.4		0.41 (J)		26	13		
2/12/2025					2.6				0.45 (J)
2/13/2025								3.3	
8/12/2025	8.7		<1						
8/13/2025		3.8							
8/14/2025					2.9			3.3	0.8 (J)
8/15/2025							13		
8/18/2025				1.5					
8/19/2025						47			
11/13/2025									
2/9/2026	8.4		1.2						
2/10/2026				1.2	3.3				0.82 (J)
2/11/2026		4.4					12	3.5	
2/12/2026									
2/13/2026						78			

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

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/20/2026 4:16 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-25	WGWC-20	WGWC-22	WGWC-21	WGWC-24	WGWC-23	WGWC-27	WGWC-28D
5/17/2016								
5/18/2016								
5/19/2016								
7/19/2016								
7/20/2016								
9/13/2016								
9/14/2016								
11/9/2016								
11/10/2016								
11/11/2016								
1/17/2017								
1/18/2017								
1/19/2017								
1/20/2017								
1/24/2017								
1/27/2017								
2/6/2017								
2/8/2017								
2/9/2017								
2/23/2017								
3/13/2017								
3/14/2017								
3/15/2017								
3/17/2017								
4/11/2017								
4/24/2017								
4/25/2017								
4/26/2017								
5/17/2017								
6/7/2017								
7/11/2017								
8/8/2017								
8/9/2017								
8/10/2017								
8/25/2017								
10/10/2017								
10/11/2017								
10/12/2017								
3/27/2018								
3/28/2018								
3/29/2018								
3/30/2018								
6/13/2018								
6/14/2018								
9/24/2018								
9/27/2018								
9/28/2018								
10/2/2018								
10/3/2018								
10/4/2018								
4/1/2019								
4/2/2019								

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/20/2026 4:16 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-25	WGWC-20	WGWC-22	WGWC-21	WGWC-24	WGWC-23	WGWC-27	WGWC-28D
4/3/2019								
4/4/2019								
9/16/2019								
9/17/2019								
9/18/2019								
9/19/2019								
3/16/2020								
3/17/2020								
3/18/2020								
3/19/2020								
5/4/2020								
9/21/2020								
9/22/2020								
9/23/2020								
9/24/2020								
3/8/2021	4.7	240						
3/9/2021			80	230	140	14		
3/10/2021								
3/11/2021								
3/12/2021								
4/7/2021				190	160	5.1		
4/8/2021	5.8	240	60					
8/23/2021								
8/24/2021								
8/25/2021								
8/26/2021	13	290	100	190	170	7.5		
1/11/2022	21		140	260	160	5.3		
1/12/2022		360						
2/28/2022								
3/1/2022								
3/3/2022				250	130			
3/4/2022	21	390	150			5		
6/6/2022				140	67	5.3		
6/7/2022	22	280	96					
8/15/2022								
8/16/2022				240				
8/17/2022	25					5.5		
8/18/2022		280			49			
8/19/2022			87					
10/19/2022							12	
2/14/2023								
2/15/2023	27		110		120	5.2		
2/16/2023		350		340			29	
8/11/2023		330					31	
8/14/2023								
8/15/2023	19							
8/16/2023								
8/17/2023			71	310	50	4.9		
9/26/2023								380
11/7/2023								480
2/13/2024		280						
2/14/2024			64		55			300

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/20/2026 4:16 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-25	WGWC-20	WGWC-22	WGWC-21	WGWC-24	WGWC-23	WGWC-27	WGWC-28D
2/15/2024	21			420		8.7	37	
2/16/2024								
7/30/2024								
7/31/2024	22	380			43	5.6		
8/1/2024				320			26	490
8/2/2024			55					
2/10/2025								
2/11/2025								
2/12/2025	17	470	66				27	300
2/13/2025				350	79	7.3		
8/12/2025								
8/13/2025	4.2							
8/14/2025		380						720
8/15/2025								
8/18/2025			54		35		20	
8/19/2025				320		6.5		
11/13/2025								670 (R)
2/9/2026								
2/10/2026		390			60		22	
2/11/2026	26		61	270		6.4		
2/12/2026								670
2/13/2026								

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 4/20/2026 4:16 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWA-1 (bg)	WGWA-18 (bg)	WGWA-2 (bg)	WGWC-10	WGWC-15	WGWA-7 (bg)	WGWA-6 (bg)	WGWC-16	WGWA-5 (bg)
5/17/2016	<10	112	100						
5/18/2016				70	190	31	113	1080	33
5/19/2016									
7/19/2016	14	80	84		180	<10	92	1200	<10
7/20/2016				42					
9/13/2016	50	120	70			<10	100		
9/14/2016				40	230			1300	150
11/9/2016	22	76	110				130		
11/10/2016					210	44		1400	
11/11/2016				72					
1/17/2017	8		120						
1/18/2017						50	120		
1/19/2017		36							34
1/20/2017									
1/24/2017					140			1300	
1/27/2017									
2/6/2017				24					
2/8/2017									
2/9/2017									
2/23/2017									
3/13/2017	<10		58						
3/14/2017		70			220	26	110		32
3/15/2017				78				1500	
3/17/2017									
4/11/2017									
4/24/2017	10		94						
4/25/2017		70			180	10	100	1700	22
4/26/2017				48					
5/17/2017									
6/7/2017									
7/11/2017									
8/8/2017	<10	72	62			<10	90		
8/9/2017					180			1900	20
8/10/2017				38					
8/25/2017									<10
10/10/2017	44		140						
10/11/2017		90			200	42	98	1900	4 (J)
10/12/2017				72					
3/27/2018	18		92						
3/28/2018		120				6	130		12
3/29/2018								2200	
3/30/2018				64	210				
6/13/2018	24	38					110		<10
6/14/2018			80	40	170	14		1500	
9/24/2018			76						
9/27/2018	28								
9/28/2018		68							
10/2/2018							130		
10/3/2018					260	6			24
10/4/2018				60				1700	
4/1/2019	<10		63						
4/2/2019		100				15	110		25

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

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 4/20/2026 4:16 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWA-1 (bg)	WGWA-18 (bg)	WGWA-2 (bg)	WGWC-10	WGWC-15	WGWA-7 (bg)	WGWA-6 (bg)	WGWC-16	WGWA-5 (bg)
4/3/2019									
4/4/2019				30	170			710	
9/16/2019	27						110		41
9/17/2019		76	120						
9/18/2019					160	35		520	
9/19/2019				52					
3/16/2020	23		90						
3/17/2020		81				19	120		18
3/18/2020				58	160			370	
3/19/2020									
5/4/2020									
9/21/2020			100						
9/22/2020	24	96				15	130		190
9/23/2020				50	150			250	
9/24/2020									
3/8/2021									
3/9/2021									
3/10/2021		72	100			20			19
3/11/2021	24			52			110	190	
3/12/2021					130				
4/7/2021									
4/8/2021									
8/23/2021			110						
8/24/2021	32					24	120		150
8/25/2021		92						220	
8/26/2021				60	150				
1/11/2022									
1/12/2022									
2/28/2022									
3/1/2022	30		92				140		23
3/3/2022		43		45	140	17		170	
3/4/2022									
6/6/2022									
6/7/2022									
8/15/2022	45		100				120		140
8/16/2022		60				22			
8/17/2022					140			170	
8/18/2022									
8/19/2022				63					
10/19/2022									
2/14/2023	34	42	100			24	120		24
2/15/2023					130			160	
2/16/2023				54					
8/11/2023									
8/14/2023	37		110						
8/15/2023		56				29	130	160	82
8/16/2023					150				
8/17/2023				56					
9/26/2023									
11/7/2023									
2/13/2024	36	43	140			51	120		
2/14/2024									

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 4/20/2026 4:16 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWA-1 (bg)	WGWA-18 (bg)	WGWA-2 (bg)	WGWC-10	WGWC-15	WGWA-7 (bg)	WGWA-6 (bg)	WGWC-16	WGWA-5 (bg)
2/15/2024				53	130			150	
2/16/2024									34
7/30/2024	34	63	100			23	110	120	
7/31/2024				56	140				
8/1/2024									
8/2/2024									
2/10/2025	37		120						
2/11/2025		46				84	120		
2/12/2025								120	
2/13/2025				58	140				
8/12/2025	41	62	120				130		
8/13/2025					150	25			
8/14/2025								120	
8/15/2025									
8/18/2025									
8/19/2025				42					
11/13/2025									
2/9/2026			85			21	100		
2/10/2026	18	44		46	140			110	
2/11/2026									
2/12/2026									
2/13/2026									

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 4/20/2026 4:16 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWA-4 (bg)	WGWC-17	WGWA-3 (bg)	WGWC-11	WGWC-13	WGWC-9	WGWC-12	WGWC-19	WGWC-14A
5/17/2016									
5/18/2016	101	107	29						
5/19/2016				39	127	134	101		
7/19/2016									
7/20/2016	86	78	<10	<10	88	120	76		
9/13/2016	28		12						
9/14/2016		82		24	92	140	96		
11/9/2016									
11/10/2016	110	98	30		100				
11/11/2016				42			100	98	
1/17/2017									
1/18/2017	98		22						
1/19/2017									
1/20/2017		82							
1/24/2017									
1/27/2017				18	80		50		
2/6/2017								36	
2/8/2017									54
2/9/2017						180			
2/23/2017									78
3/13/2017									
3/14/2017	110	120	22						
3/15/2017				54	100	160	120	120	
3/17/2017									56
4/11/2017						120		68	76
4/24/2017									
4/25/2017	86	120	22						
4/26/2017				42	92	140	100	76	76
5/17/2017									68
6/7/2017								74	72
7/11/2017								70	68
8/8/2017			4 (J)						
8/9/2017	92	92			120				
8/10/2017				30		130	96	66	
8/25/2017									
10/10/2017									
10/11/2017	110	74	10						68
10/12/2017				54	110	120	100	100	
3/27/2018									
3/28/2018	110		34						
3/29/2018				62	120	130	120	110	48
3/30/2018		100							
6/13/2018									
6/14/2018	92	100	26	16	88	120	94	74	52
9/24/2018									
9/27/2018									
9/28/2018									
10/2/2018									
10/3/2018	100		50						
10/4/2018		98		56	100	140	110	100	130
4/1/2019									
4/2/2019	100		28					88	

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

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 4/20/2026 4:16 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWA-4 (bg)	WGWC-17	WGWA-3 (bg)	WGWC-11	WGWC-13	WGWC-9	WGWC-12	WGWC-19	WGWC-14A
4/3/2019				<10	72	120	66		31
4/4/2019		89							
9/16/2019									
9/17/2019	120								
9/18/2019		79	36		110			96	33
9/19/2019				27		130	89		
3/16/2020									
3/17/2020	100		20						
3/18/2020		98		26			73		
3/19/2020					95	160			18
5/4/2020								110	
9/21/2020	92		22						
9/22/2020									
9/23/2020		60				150	90	94	
9/24/2020				60	21				24
3/8/2021									
3/9/2021									
3/10/2021	100		20						
3/11/2021		75			63			100	24
3/12/2021				27		130	78		
4/7/2021									
4/8/2021									
8/23/2021									
8/24/2021	110								
8/25/2021		84	21	32	53		110		30
8/26/2021						170		94	
1/11/2022									
1/12/2022									
2/28/2022	95								
3/1/2022			31						
3/3/2022				21	71	140		98	17
3/4/2022		55					89		
6/6/2022									
6/7/2022									
8/15/2022									
8/16/2022	110	81	30	33					
8/17/2022						150		93	
8/18/2022					89		88		
8/19/2022									26
10/19/2022									
2/14/2023			27						
2/15/2023	100					160			
2/16/2023		77		33	81		89	100	27
8/11/2023									
8/14/2023									
8/15/2023	110		34						
8/16/2023		81		33	84	110	92	100	29
8/17/2023									
9/26/2023									
11/7/2023									
2/13/2024	110		34						
2/14/2024						150	85		

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

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 4/20/2026 4:16 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWA-4 (bg)	WGWC-17	WGWA-3 (bg)	WGWC-11	WGWC-13	WGWC-9	WGWC-12	WGWC-19	WGWC-14A
2/15/2024		79			84			100	31
2/16/2024				31					
7/30/2024	100		31						
7/31/2024		83		35	85		92	97	
8/1/2024						150			
8/2/2024									31
2/10/2025			34						
2/11/2025	110	81		35		140	96		
2/12/2025					84				28
2/13/2025								100	
8/12/2025	110		38						
8/13/2025		86							
8/14/2025					90			88	27
8/15/2025							100		
8/18/2025				31					
8/19/2025						150			
11/13/2025									
2/9/2026	95		28						
2/10/2026				43	73				38
2/11/2026		76					90	94	
2/12/2026									
2/13/2026						190			

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 4/20/2026 4:16 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-25	WGWC-20	WGWC-22	WGWC-21	WGWC-24	WGWC-23	WGWC-27	WGWC-28D
5/17/2016								
5/18/2016								
5/19/2016								
7/19/2016								
7/20/2016								
9/13/2016								
9/14/2016								
11/9/2016								
11/10/2016								
11/11/2016								
1/17/2017								
1/18/2017								
1/19/2017								
1/20/2017								
1/24/2017								
1/27/2017								
2/6/2017								
2/8/2017								
2/9/2017								
2/23/2017								
3/13/2017								
3/14/2017								
3/15/2017								
3/17/2017								
4/11/2017								
4/24/2017								
4/25/2017								
4/26/2017								
5/17/2017								
6/7/2017								
7/11/2017								
8/8/2017								
8/9/2017								
8/10/2017								
8/25/2017								
10/10/2017								
10/11/2017								
10/12/2017								
3/27/2018								
3/28/2018								
3/29/2018								
3/30/2018								
6/13/2018								
6/14/2018								
9/24/2018								
9/27/2018								
9/28/2018								
10/2/2018								
10/3/2018								
10/4/2018								
4/1/2019								
4/2/2019								

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 4/20/2026 4:16 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-25	WGWC-20	WGWC-22	WGWC-21	WGWC-24	WGWC-23	WGWC-27	WGWC-28D
4/3/2019								
4/4/2019								
9/16/2019								
9/17/2019								
9/18/2019								
9/19/2019								
3/16/2020								
3/17/2020								
3/18/2020								
3/19/2020								
5/4/2020								
9/21/2020								
9/22/2020								
9/23/2020								
9/24/2020								
3/8/2021	220	590						
3/9/2021			200	610	370	79		
3/10/2021								
3/11/2021								
3/12/2021								
4/7/2021				520	510	66		
4/8/2021	180	540	170					
8/23/2021								
8/24/2021								
8/25/2021								
8/26/2021	200	720	240	480	420	88		
1/11/2022	220		270	580	320	67		
1/12/2022		1200						
2/28/2022								
3/1/2022								
3/3/2022				580	280			
3/4/2022	200	1100	260			69		
6/6/2022				670	210	90		
6/7/2022	240	920	210					
8/15/2022								
8/16/2022				530				
8/17/2022	210					85		
8/18/2022		760			140			
8/19/2022			190					
10/19/2022							92	
2/14/2023								
2/15/2023	200		210		230	71		
2/16/2023		960		630			160	
8/11/2023		910					180	
8/14/2023								
8/15/2023	180							
8/16/2023								
8/17/2023			180	690	150	73		
9/26/2023								1400
11/7/2023								1600
2/13/2024		1200						
2/14/2024			210		180			1700

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 4/20/2026 4:16 PM View: Appendix III Interwell

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-25	WGWC-20	WGWC-22	WGWC-21	WGWC-24	WGWC-23	WGWC-27	WGWC-28D
2/15/2024	130			740		76	170	
2/16/2024								
7/30/2024								
7/31/2024	210	1200			120	81		
8/1/2024				630			170	1700
8/2/2024			170					
2/10/2025								
2/11/2025								
2/12/2025	170	1300	150				160	2000
2/13/2025				610	160	140		
8/12/2025								
8/13/2025	280							
8/14/2025		930						3600 (o)
8/15/2025								
8/18/2025			160		110		130	
8/19/2025				700		76		
11/13/2025								1800 (R)
2/9/2026								
2/10/2026		880			130		130	
2/11/2026	180		160	590		77		
2/12/2026								2100
2/13/2026								

FIGURE F.

Appendix III Trend Tests - Prediction Limit Exceedances - Significant Results

Plant Wansley Client: Southern Company Data: Wansley AP 1 Printed 4/20/2026, 4:21 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Boron (mg/L)	**WGWC-9**	**0.03282**	**156**	**118**	**Yes**	**26**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Boron (mg/L)	**WGWC-16**	**-0.6487**	**-245**	**-118**	**Yes**	**26**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Boron (mg/L)	**WGWC-20**	**0.8088**	**50**	**48**	**Yes**	**14**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Boron (mg/L)	**WGWC-24**	**-0.2724**	**-53**	**-48**	**Yes**	**14**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**WGWA-1 (bg)**	**0.03788**	**190**	**124**	**Yes**	**27**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**WGWA-18 (bg)**	**-1.224**	**-180**	**-124**	**Yes**	**27**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**WGWA-2 (bg)**	**0.05226**	**160**	**124**	**Yes**	**27**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**WGWA-5 (bg)**	**-0.09982**	**-140**	**-98**	**Yes**	**23**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**WGWC-16**	**-31.71**	**-252**	**-124**	**Yes**	**27**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**WGWC-24**	**-18.15**	**-79**	**-48**	**Yes**	**14**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Fluoride (mg/L)	**WGWA-18 (bg)**	**-0.007449**	**-153**	**-146**	**Yes**	**30**	**20**	**n/a**	**n/a**	**0.01**	**NP**
Fluoride (mg/L)	**WGWC-9**	**-0.1023**	**-301**	**-146**	**Yes**	**30**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Fluoride (mg/L)	**WGWC-15**	**-0.01682**	**-161**	**-146**	**Yes**	**30**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**WGWA-4 (bg)**	**0.2664**	**187**	**124**	**Yes**	**27**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**WGWA-18 (bg)**	**-0.487**	**-150**	**-124**	**Yes**	**27**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**WGWC-9**	**1.822**	**128**	**124**	**Yes**	**27**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**WGWC-16**	**-58.25**	**-240**	**-124**	**Yes**	**27**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**WGWC-24**	**-24.48**	**-52**	**-48**	**Yes**	**14**	**0**	**n/a**	**n/a**	**0.01**	**NP**
TDS (mg/L)	**WGWA-1 (bg)**	**2.578**	**151**	**124**	**Yes**	**27**	**14.81**	**n/a**	**n/a**	**0.01**	**NP**

Appendix III Trend Tests - Prediction Limit Exceedances - All Results

Plant Wansley Client: Southern Company Data: Wansley AP 1 Printed 4/20/2026, 4:21 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Boron (mg/L)	WGWA-1 (bg)	0	-13	-118	No	26	96.15	n/a	n/a	0.01	NP
Boron (mg/L)	WGWA-2 (bg)	0	-32	-118	No	26	84.62	n/a	n/a	0.01	NP
Boron (mg/L)	WGWA-3 (bg)	0	0	118	No	26	100	n/a	n/a	0.01	NP
Boron (mg/L)	WGWA-4 (bg)	0	0	118	No	26	100	n/a	n/a	0.01	NP
Boron (mg/L)	WGWA-5 (bg)	0	-17	-92	No	22	95.45	n/a	n/a	0.01	NP
Boron (mg/L)	WGWA-6 (bg)	0	0	118	No	26	100	n/a	n/a	0.01	NP
Boron (mg/L)	WGWA-7 (bg)	0	-13	-118	No	26	96.15	n/a	n/a	0.01	NP
Boron (mg/L)	WGWA-18 (bg)	0	16	118	No	26	92.31	n/a	n/a	0.01	NP
Boron (mg/L)	**WGWC-9**	**0.03282**	**156**	**118**	**Yes**	**26**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Boron (mg/L)	**WGWC-16**	**-0.6487**	**-245**	**-118**	**Yes**	**26**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Boron (mg/L)	**WGWC-20**	**0.8088**	**50**	**48**	**Yes**	**14**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Boron (mg/L)	WGWC-22	-0.01308	-33	-48	No	14	0	n/a	n/a	0.01	NP
Boron (mg/L)	**WGWC-24**	**-0.2724**	**-53**	**-48**	**Yes**	**14**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Boron (mg/L)	WGWC-25	0.002239	1	48	No	14	0	n/a	n/a	0.01	NP
Boron (mg/L)	WGWC-27	-0.02706	-8	-21	No	8	0	n/a	n/a	0.01	NP
Boron (mg/L)	WGWC-28D	1.936	7	21	No	8	0	n/a	n/a	0.01	NP
Calcium (mg/L)	**WGWA-1 (bg)**	**0.03788**	**190**	**124**	**Yes**	**27**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	WGWA-2 (bg)	0	-31	-124	No	27	0	n/a	n/a	0.01	NP
Calcium (mg/L)	WGWA-3 (bg)	0	19	124	No	27	0	n/a	n/a	0.01	NP
Calcium (mg/L)	WGWA-4 (bg)	0	47	124	No	27	0	n/a	n/a	0.01	NP
Calcium (mg/L)	WGWA-5 (bg)	-0.03453	-24	-98	No	23	0	n/a	n/a	0.01	NP
Calcium (mg/L)	WGWA-6 (bg)	0.1414	77	124	No	27	0	n/a	n/a	0.01	NP
Calcium (mg/L)	WGWA-7 (bg)	0.02465	43	124	No	27	0	n/a	n/a	0.01	NP
Calcium (mg/L)	**WGWA-18 (bg)**	**-1.224**	**-180**	**-124**	**Yes**	**27**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	WGWC-20	16.92	38	48	No	14	0	n/a	n/a	0.01	NP
Calcium (mg/L)	WGWC-28D	16.23	2	21	No	8	0	n/a	n/a	0.01	NP
Chloride (mg/L)	WGWA-1 (bg)	0.04181	91	124	No	27	0	n/a	n/a	0.01	NP
Chloride (mg/L)	**WGWA-2 (bg)**	**0.05226**	**160**	**124**	**Yes**	**27**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	WGWA-3 (bg)	0	-4	-124	No	27	0	n/a	n/a	0.01	NP
Chloride (mg/L)	WGWA-4 (bg)	0	8	124	No	27	3.704	n/a	n/a	0.01	NP
Chloride (mg/L)	**WGWA-5 (bg)**	**-0.09982**	**-140**	**-98**	**Yes**	**23**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	WGWA-6 (bg)	0	46	124	No	27	0	n/a	n/a	0.01	NP
Chloride (mg/L)	WGWA-7 (bg)	0	23	124	No	27	0	n/a	n/a	0.01	NP
Chloride (mg/L)	WGWA-18 (bg)	-0.02521	-61	-124	No	27	0	n/a	n/a	0.01	NP
Chloride (mg/L)	**WGWC-16**	**-31.71**	**-252**	**-124**	**Yes**	**27**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	WGWC-20	27.5	27	48	No	14	0	n/a	n/a	0.01	NP
Chloride (mg/L)	WGWC-21	1.285	23	48	No	14	0	n/a	n/a	0.01	NP
Chloride (mg/L)	**WGWC-24**	**-18.15**	**-79**	**-48**	**Yes**	**14**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	WGWC-25	-9.454	-37	-48	No	14	0	n/a	n/a	0.01	NP
Chloride (mg/L)	WGWC-27	-0.3349	-2	-21	No	8	0	n/a	n/a	0.01	NP
Chloride (mg/L)	WGWC-28D	72.81	9	21	No	8	0	n/a	n/a	0.01	NP
Fluoride (mg/L)	WGWA-1 (bg)	0	-6	-146	No	30	76.67	n/a	n/a	0.01	NP
Fluoride (mg/L)	WGWA-2 (bg)	-0.0002948	-73	-146	No	30	40	n/a	n/a	0.01	NP
Fluoride (mg/L)	WGWA-3 (bg)	0	-26	-146	No	30	66.67	n/a	n/a	0.01	NP
Fluoride (mg/L)	WGWA-4 (bg)	-0.004124	-117	-146	No	30	6.667	n/a	n/a	0.01	NP
Fluoride (mg/L)	WGWA-5 (bg)	0	32	118	No	26	88.46	n/a	n/a	0.01	NP
Fluoride (mg/L)	WGWA-6 (bg)	-0.001167	-46	-146	No	30	13.33	n/a	n/a	0.01	NP
Fluoride (mg/L)	WGWA-7 (bg)	0	-12	-146	No	30	76.67	n/a	n/a	0.01	NP
Fluoride (mg/L)	**WGWA-18 (bg)**	**-0.007449**	**-153**	**-146**	**Yes**	**30**	**20**	**n/a**	**n/a**	**0.01**	**NP**
Fluoride (mg/L)	**WGWC-9**	**-0.1023**	**-301**	**-146**	**Yes**	**30**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Fluoride (mg/L)	**WGWC-15**	**-0.01682**	**-161**	**-146**	**Yes**	**30**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Fluoride (mg/L)	WGWC-19	-0.006936	-95	-146	No	30	0	n/a	n/a	0.01	NP
Fluoride (mg/L)	WGWC-20	0	7	48	No	14	14.29	n/a	n/a	0.01	NP
Fluoride (mg/L)	WGWC-21	0.02446	11	48	No	14	14.29	n/a	n/a	0.01	NP
Fluoride (mg/L)	WGWC-27	-0.02009	-1	-21	No	8	12.5	n/a	n/a	0.01	NP
Fluoride (mg/L)	WGWC-28D	0.4299	5	21	No	8	37.5	n/a	n/a	0.01	NP
Sulfate (mg/L)	WGWA-1 (bg)	0	-3	-124	No	27	92.59	n/a	n/a	0.01	NP
Sulfate (mg/L)	WGWA-2 (bg)	-0.01934	-44	-124	No	27	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	WGWA-3 (bg)	-0.005794	-24	-124	No	27	11.11	n/a	n/a	0.01	NP
Sulfate (mg/L)	**WGWA-4 (bg)**	**0.2664**	**187**	**124**	**Yes**	**27**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	WGWA-5 (bg)	0.028	28	98	No	23	21.74	n/a	n/a	0.01	NP
Sulfate (mg/L)	WGWA-6 (bg)	-0.1017	-92	-124	No	27	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	WGWA-7 (bg)	0	-36	-124	No	27	70.37	n/a	n/a	0.01	NP
Sulfate (mg/L)	**WGWA-18 (bg)**	**-0.487**	**-150**	**-124**	**Yes**	**27**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**WGWC-9**	**1.822**	**128**	**124**	**Yes**	**27**	**0**	**n/a**	**n/a**	**0.01**	**NP**

Appendix III Trend Tests - Prediction Limit Exceedances - All Results

Plant Wansley Client: Southern Company Data: Wansley AP 1 Printed 4/20/2026, 4:21 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Sulfate (mg/L)	**WGWC-16**	**-58.25**	**-240**	**-124**	**Yes**	**27**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	WGWC-20	30.42	45	48	No	14	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	WGWC-21	29.75	43	48	No	14	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	WGWC-22	-9.498	-39	-48	No	14	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	**WGWC-24**	**-24.48**	**-52**	**-48**	**Yes**	**14**	**0**	**n/a**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	WGWC-25	2.607	25	48	No	14	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	WGWC-27	-2.201	-4	-21	No	8	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	WGWC-28D	125.6	12	21	No	8	0	n/a	n/a	0.01	NP
TDS (mg/L)	**WGWA-1 (bg)**	**2.578**	**151**	**124**	**Yes**	**27**	**14.81**	**n/a**	**n/a**	**0.01**	**NP**
TDS (mg/L)	WGWA-2 (bg)	2.826	89	124	No	27	0	n/a	n/a	0.01	NP
TDS (mg/L)	WGWA-3 (bg)	1.568	123	124	No	27	3.704	n/a	n/a	0.01	NP
TDS (mg/L)	WGWA-4 (bg)	0.4828	74	124	No	27	0	n/a	n/a	0.01	NP
TDS (mg/L)	WGWA-5 (bg)	2.455	47	98	No	23	13.04	n/a	n/a	0.01	NP
TDS (mg/L)	WGWA-6 (bg)	1.444	79	124	No	27	0	n/a	n/a	0.01	NP
TDS (mg/L)	WGWA-7 (bg)	1.934	91	124	No	27	11.11	n/a	n/a	0.01	NP
TDS (mg/L)	WGWA-18 (bg)	-3.79	-116	-124	No	27	0	n/a	n/a	0.01	NP
TDS (mg/L)	WGWC-20	76.6	32	48	No	14	0	n/a	n/a	0.01	NP
TDS (mg/L)	WGWC-21	23.33	34	48	No	14	0	n/a	n/a	0.01	NP
TDS (mg/L)	WGWC-28D	260.7	18	18	No	7	0	n/a	n/a	0.01	NP

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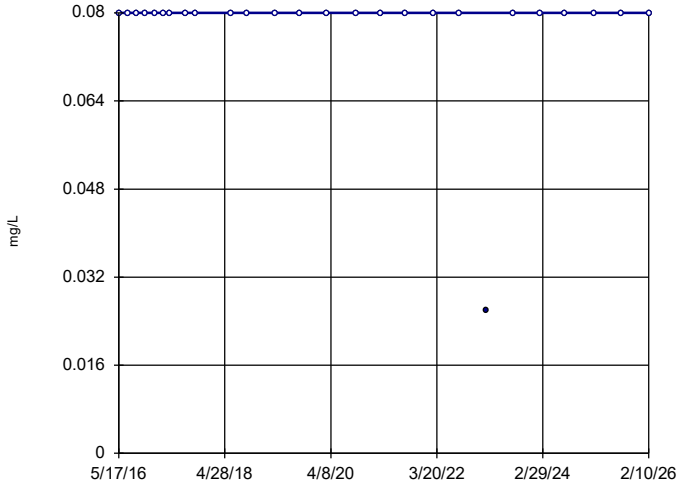
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-1 (bg)



n = 26

Slope = 0
units per year.

Mann-Kendall
statistic = -13
critical = -118

Trend not sig-
nificant at 99%
confidence level
(α = 0.005 per
tail).

Constituent: Boron Analysis Run 4/20/2026 4:17 PM View: Appendix III Trend Tests
Plant Wansley Client: Southern Company Data: Wansley AP 1

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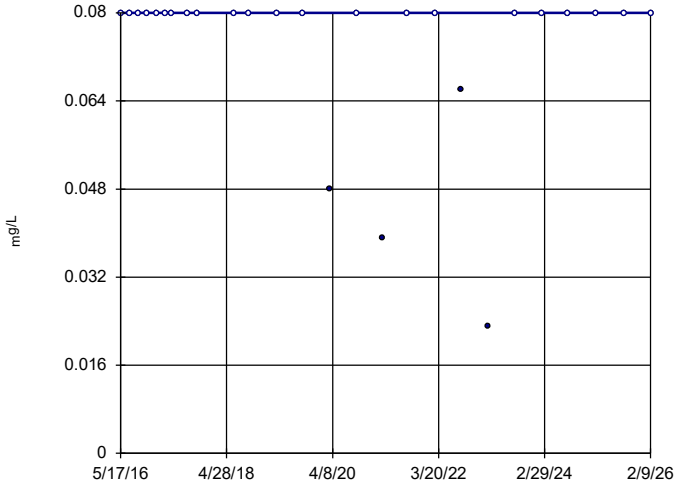
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-2 (bg)



n = 26

Slope = 0
units per year.

Mann-Kendall
statistic = -32
critical = -118

Trend not sig-
nificant at 99%
confidence level
(α = 0.005 per
tail).

Constituent: Boron Analysis Run 4/20/2026 4:17 PM View: Appendix III Trend Tests
Plant Wansley Client: Southern Company Data: Wansley AP 1

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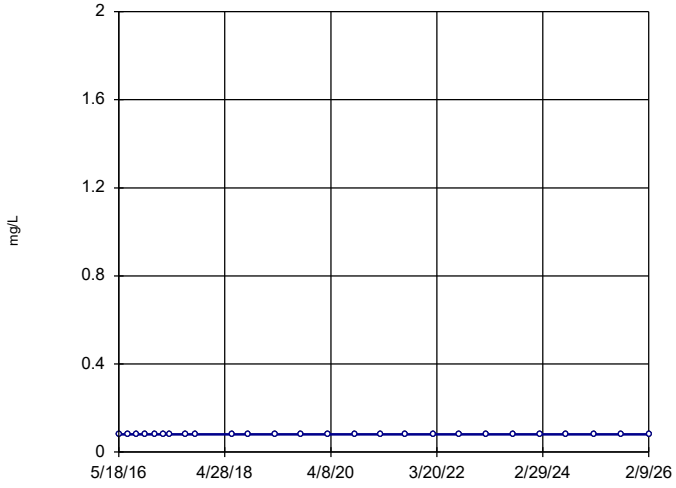
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-3 (bg)



n = 26

Slope = 0
units per year.

Mann-Kendall
statistic = 0
critical = 118

Trend not sig-
nificant at 99%
confidence level
(α = 0.005 per
tail).

Constituent: Boron Analysis Run 4/20/2026 4:17 PM View: Appendix III Trend Tests
Plant Wansley Client: Southern Company Data: Wansley AP 1

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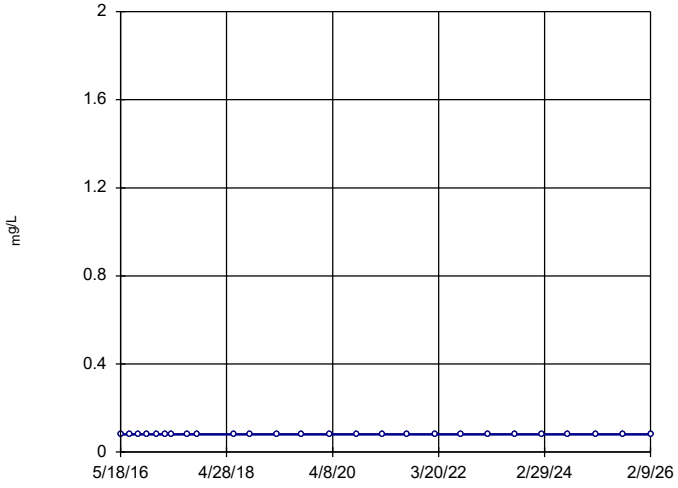
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-4 (bg)



n = 26

Slope = 0
units per year.

Mann-Kendall
statistic = 0
critical = 118

Trend not sig-
nificant at 99%
confidence level
(α = 0.005 per
tail).

Constituent: Boron Analysis Run 4/20/2026 4:17 PM View: Appendix III Trend Tests
Plant Wansley Client: Southern Company Data: Wansley AP 1

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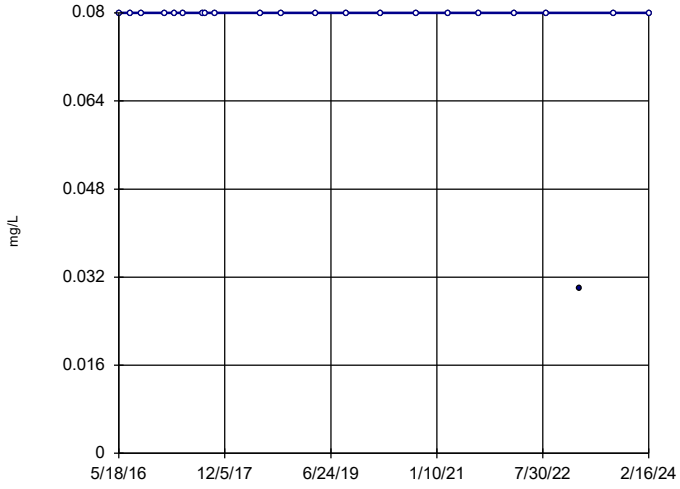
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-5 (bg)



n = 22

Slope = 0
units per year.

Mann-Kendall
statistic = -17
critical = -92

Trend not sig-
nificant at 99%
confidence level
(α = 0.005 per
tail).

Constituent: Boron Analysis Run 4/20/2026 4:17 PM View: Appendix III Trend Tests
Plant Wansley Client: Southern Company Data: Wansley AP 1

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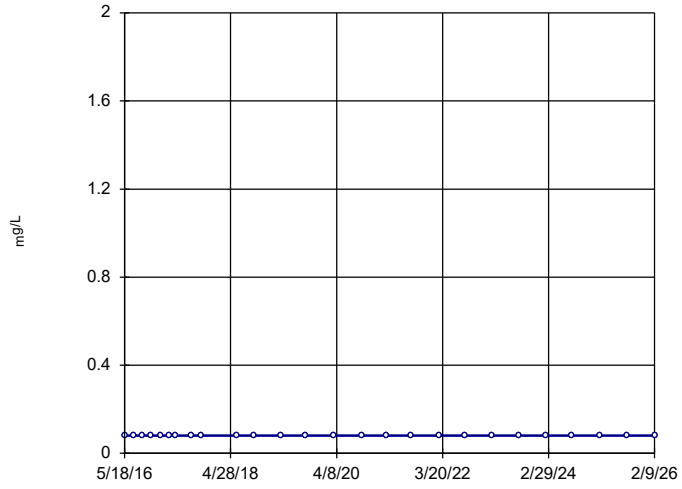
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-6 (bg)



n = 26

Slope = 0
units per year.

Mann-Kendall
statistic = 0
critical = 118

Trend not sig-
nificant at 99%
confidence level
(α = 0.005 per
tail).

Constituent: Boron Analysis Run 4/20/2026 4:17 PM View: Appendix III Trend Tests
Plant Wansley Client: Southern Company Data: Wansley AP 1

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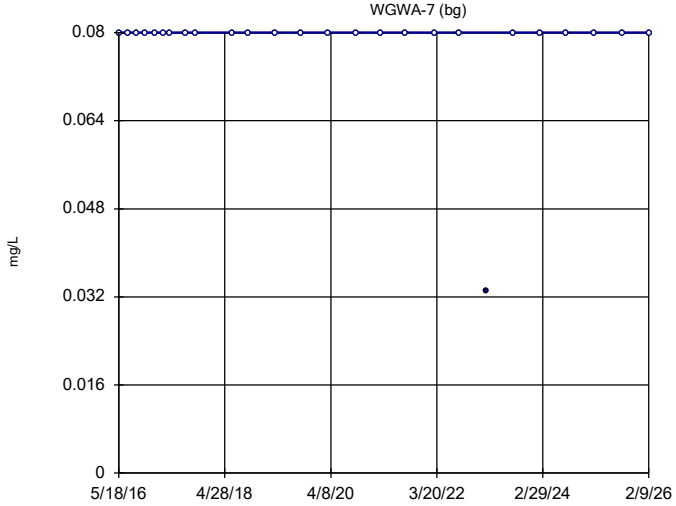
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-7 (bg)



n = 26

Slope = 0
units per year.

Mann-Kendall
statistic = -13
critical = -118

Trend not sig-
nificant at 99%
confidence level
(α = 0.005 per
tail).

Constituent: Boron Analysis Run 4/20/2026 4:17 PM View: Appendix III Trend Tests
Plant Wansley Client: Southern Company Data: Wansley AP 1

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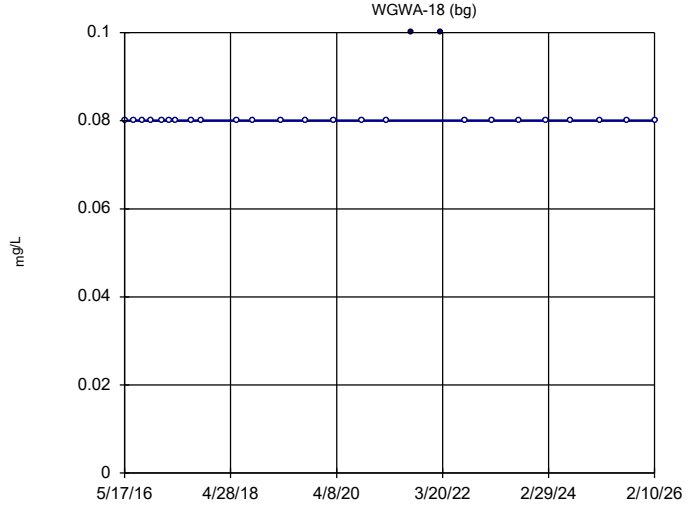
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-18 (bg)



n = 26

Slope = 0
units per year.

Mann-Kendall
statistic = 16
critical = 118

Trend not sig-
nificant at 99%
confidence level
(α = 0.005 per
tail).

Constituent: Boron Analysis Run 4/20/2026 4:17 PM View: Appendix III Trend Tests
Plant Wansley Client: Southern Company Data: Wansley AP 1

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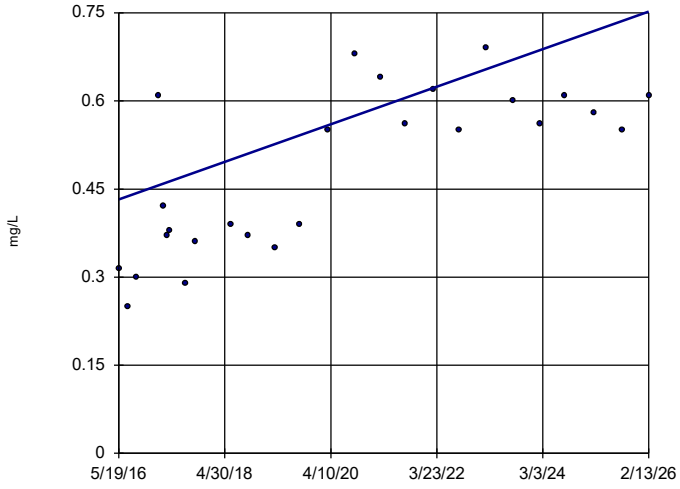
Sen's Slope Estimator

WGWC-9



n = 26

Slope = 0.03282 units per year.

Mann-Kendall statistic = 156 critical = 118

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 4/20/2026 4:17 PM View: Appendix III Trend Tests

Plant Wansley Client: Southern Company Data: Wansley AP 1

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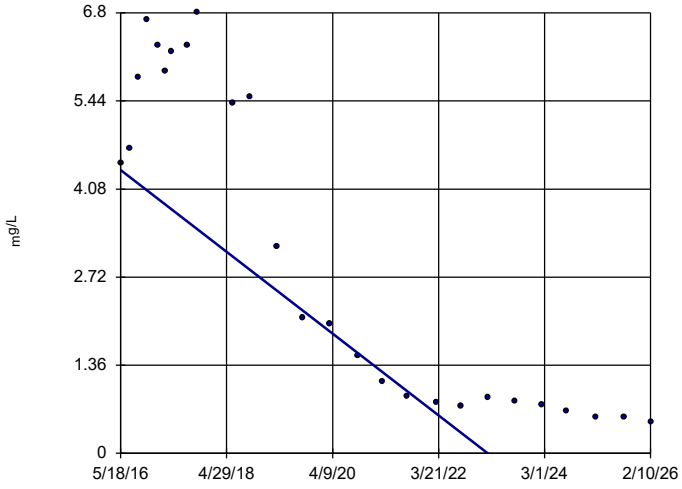
Sen's Slope Estimator

WGWC-16



n = 26

Slope = -0.6487 units per year.

Mann-Kendall statistic = -245 critical = -118

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 4/20/2026 4:17 PM View: Appendix III Trend Tests

Plant Wansley Client: Southern Company Data: Wansley AP 1

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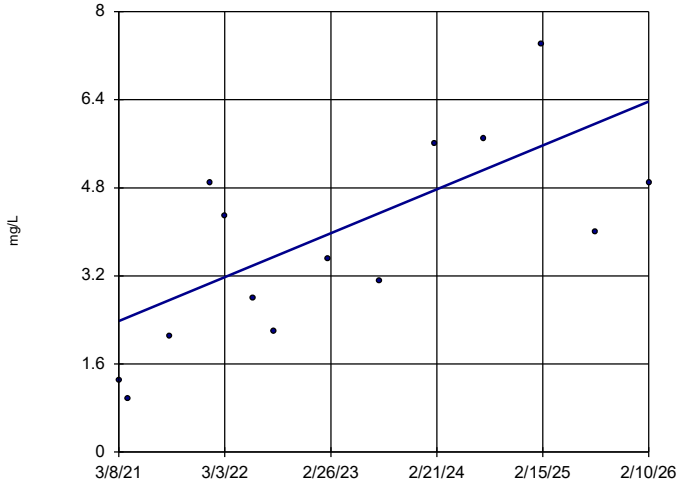
Sen's Slope Estimator

WGWC-20



n = 14

Slope = 0.8088 units per year.

Mann-Kendall statistic = 50 critical = 48

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 4/20/2026 4:17 PM View: Appendix III Trend Tests

Plant Wansley Client: Southern Company Data: Wansley AP 1

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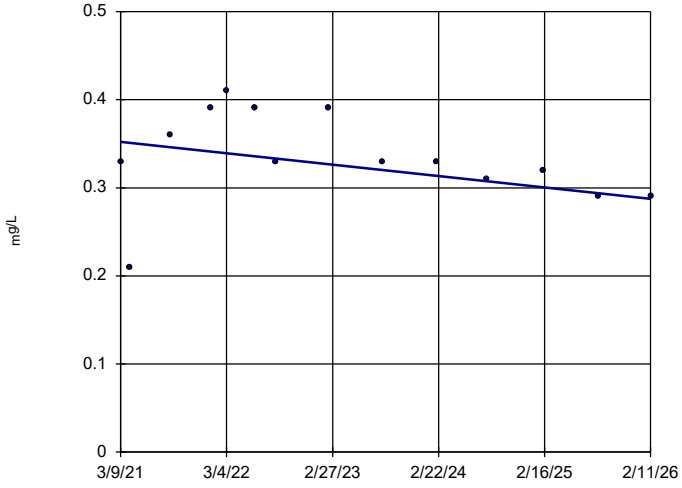
Sen's Slope Estimator

WGWC-22



n = 14

Slope = -0.01308 units per year.

Mann-Kendall statistic = -33 critical = -48

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 4/20/2026 4:17 PM View: Appendix III Trend Tests

Plant Wansley Client: Southern Company Data: Wansley AP 1

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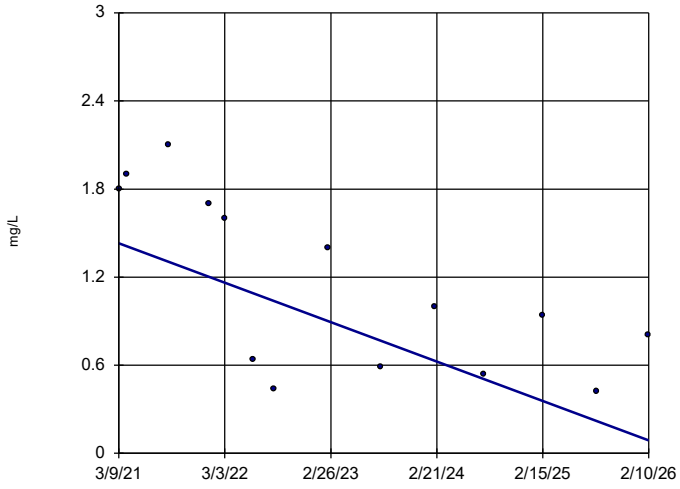
Sen's Slope Estimator

WGWC-24



n = 14

Slope = -0.2724 units per year.

Mann-Kendall statistic = -53 critical = -48

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 4/20/2026 4:17 PM View: Appendix III Trend Tests

Plant Wansley Client: Southern Company Data: Wansley AP 1

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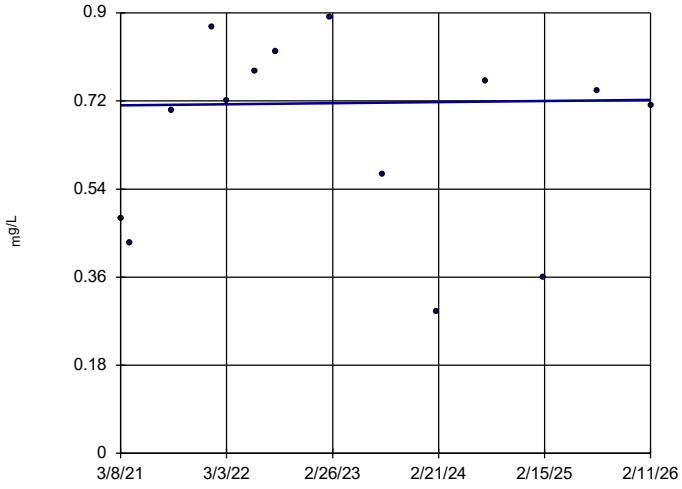
Sen's Slope Estimator

WGWC-25



n = 14

Slope = 0.002239 units per year.

Mann-Kendall statistic = 1 critical = 48

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 4/20/2026 4:17 PM View: Appendix III Trend Tests

Plant Wansley Client: Southern Company Data: Wansley AP 1

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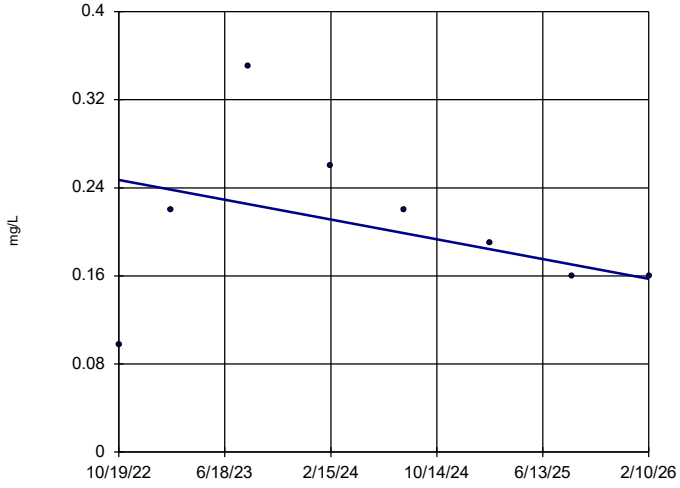
Sen's Slope Estimator

WGWC-27



n = 8

Slope = -0.02706 units per year.

Mann-Kendall statistic = -8 critical = -21

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 4/20/2026 4:17 PM View: Appendix III Trend Tests

Plant Wansley Client: Southern Company Data: Wansley AP 1

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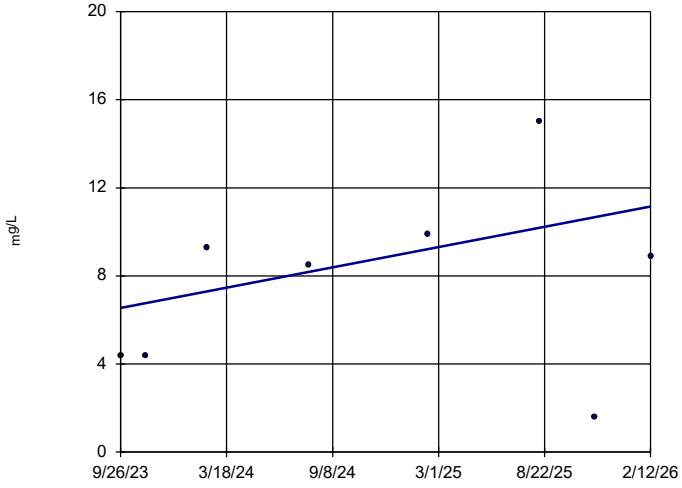
Sen's Slope Estimator

WGWC-28D



n = 8

Slope = 1.936 units per year.

Mann-Kendall statistic = 7 critical = 21

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 4/20/2026 4:17 PM View: Appendix III Trend Tests

Plant Wansley Client: Southern Company Data: Wansley AP 1

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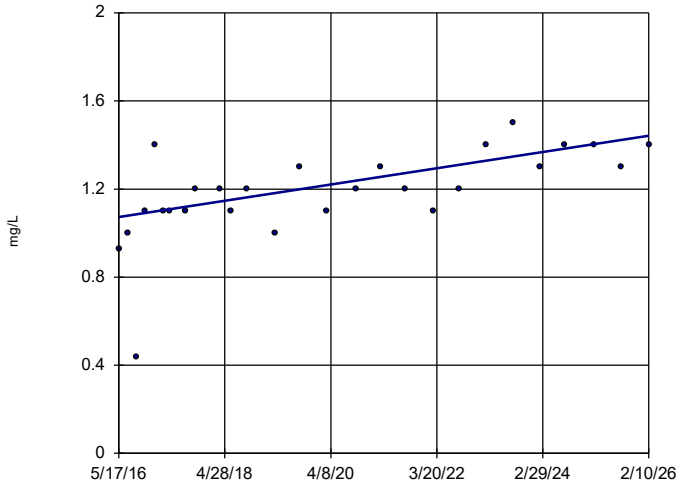
Sen's Slope Estimator

WGWA-1 (bg)



n = 27

Slope = 0.03788 units per year.

Mann-Kendall statistic = 190 critical = 124

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 4/20/2026 4:17 PM View: Appendix III Trend Tests

Plant Wansley Client: Southern Company Data: Wansley AP 1

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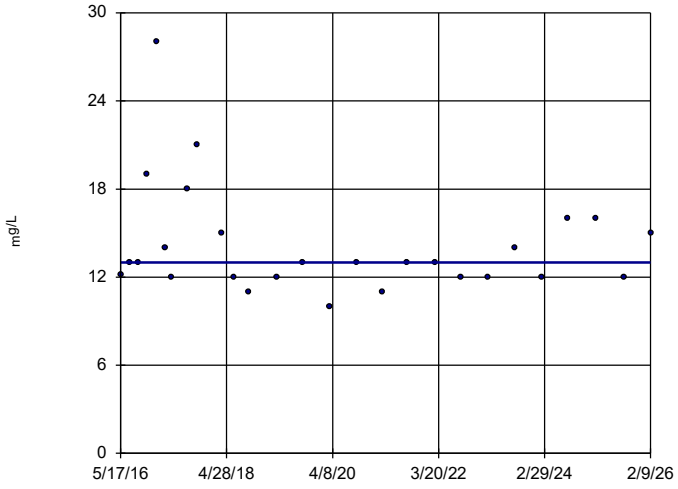
Sen's Slope Estimator

WGWA-2 (bg)



n = 27

Slope = 0 units per year.

Mann-Kendall statistic = -31 critical = -124

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 4/20/2026 4:17 PM View: Appendix III Trend Tests

Plant Wansley Client: Southern Company Data: Wansley AP 1

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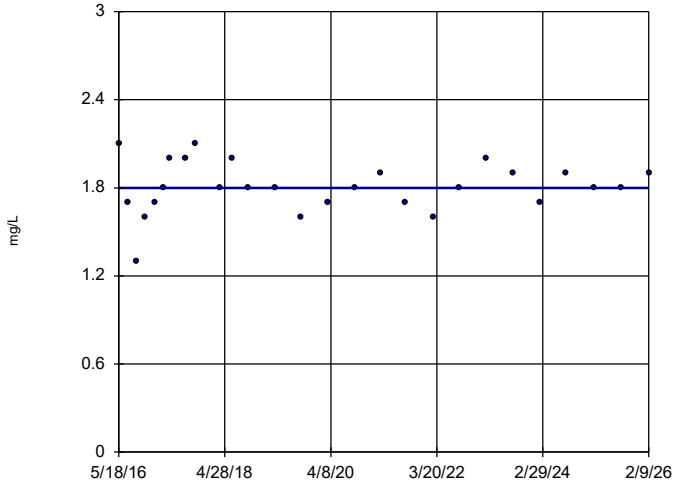
Sen's Slope Estimator

WGWA-3 (bg)



n = 27

Slope = 0 units per year.

Mann-Kendall statistic = 19 critical = 124

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 4/20/2026 4:17 PM View: Appendix III Trend Tests

Plant Wansley Client: Southern Company Data: Wansley AP 1

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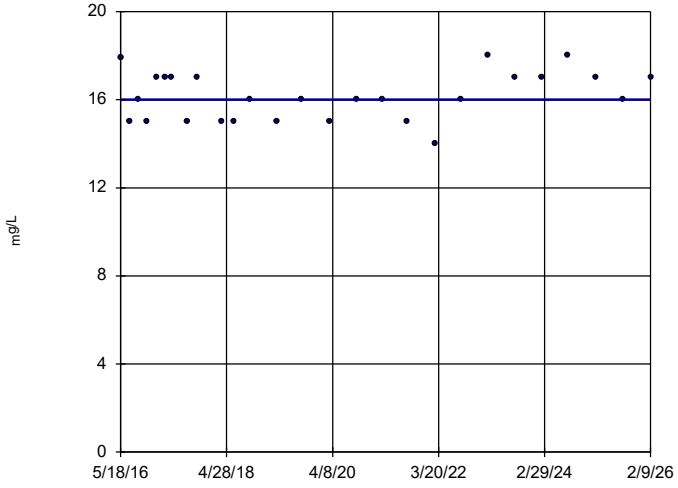
Sen's Slope Estimator

WGWA-4 (bg)



n = 27

Slope = 0 units per year.

Mann-Kendall statistic = 47 critical = 124

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 4/20/2026 4:17 PM View: Appendix III Trend Tests

Plant Wansley Client: Southern Company Data: Wansley AP 1

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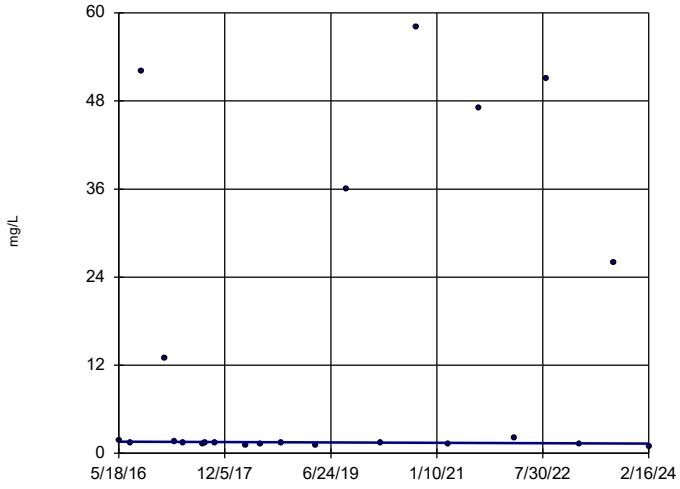
Sen's Slope Estimator

WGWA-5 (bg)



n = 23

Slope = -0.03453 units per year.

Mann-Kendall statistic = -24 critical = -98

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 4/20/2026 4:18 PM View: Appendix III Trend Tests

Plant Wansley Client: Southern Company Data: Wansley AP 1

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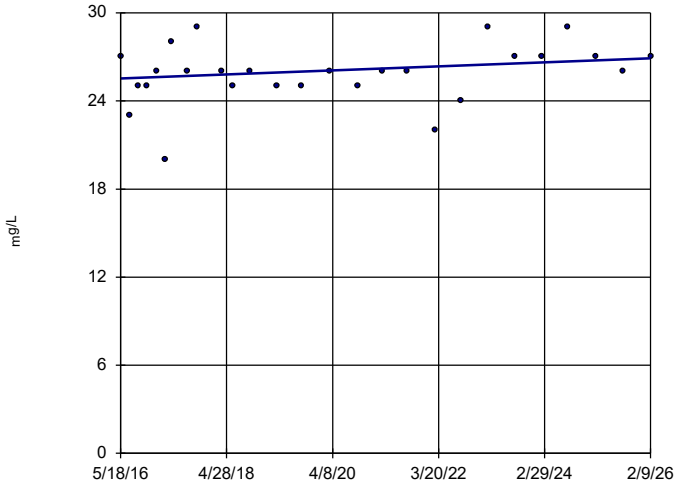
Sen's Slope Estimator

WGWA-6 (bg)



n = 27

Slope = 0.1414 units per year.

Mann-Kendall statistic = 77 critical = 124

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 4/20/2026 4:18 PM View: Appendix III Trend Tests

Plant Wansley Client: Southern Company Data: Wansley AP 1

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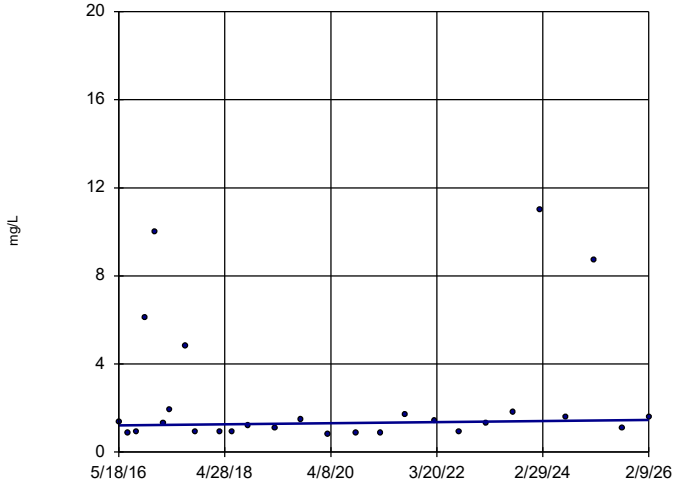
Sen's Slope Estimator

WGWA-7 (bg)



n = 27

Slope = 0.02465 units per year.

Mann-Kendall statistic = 43 critical = 124

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 4/20/2026 4:18 PM View: Appendix III Trend Tests

Plant Wansley Client: Southern Company Data: Wansley AP 1

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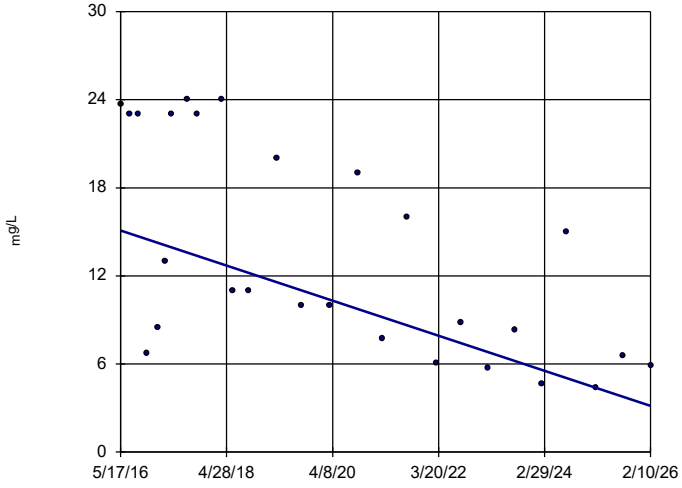
Sen's Slope Estimator

WGWA-18 (bg)



n = 27

Slope = -1.224 units per year.

Mann-Kendall statistic = -180 critical = -124

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 4/20/2026 4:18 PM View: Appendix III Trend Tests

Plant Wansley Client: Southern Company Data: Wansley AP 1

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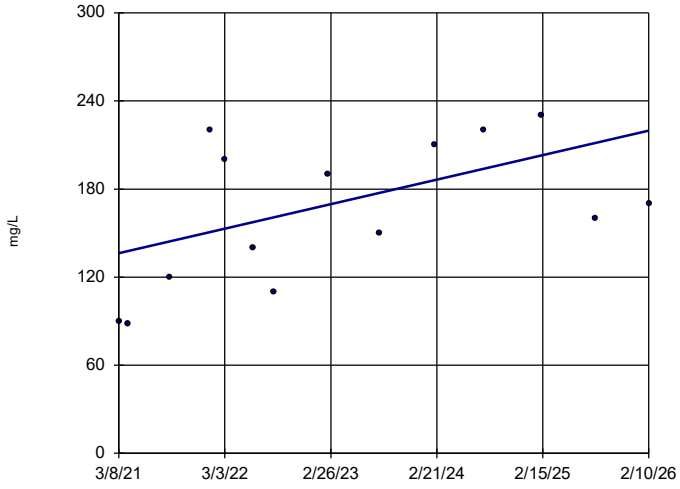
Sen's Slope Estimator

WGWC-20



n = 14

Slope = 16.92 units per year.

Mann-Kendall statistic = 38 critical = 48

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 4/20/2026 4:18 PM View: Appendix III Trend Tests

Plant Wansley Client: Southern Company Data: Wansley AP 1

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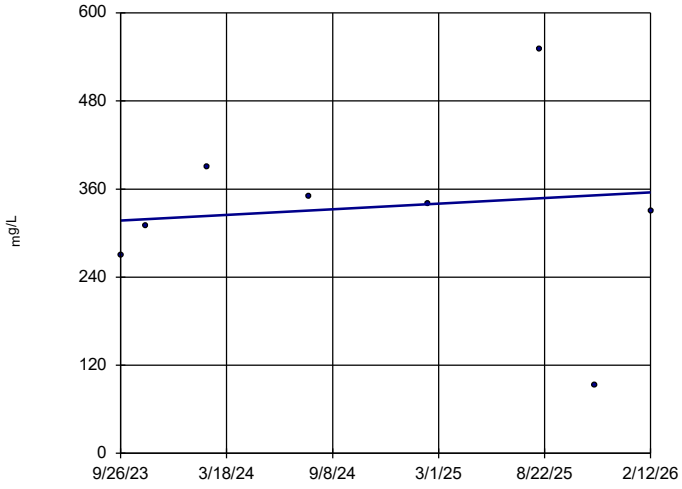
Sen's Slope Estimator

WGWC-28D



n = 8

Slope = 16.23 units per year.

Mann-Kendall statistic = 2 critical = 21

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 4/20/2026 4:18 PM View: Appendix III Trend Tests

Plant Wansley Client: Southern Company Data: Wansley AP 1

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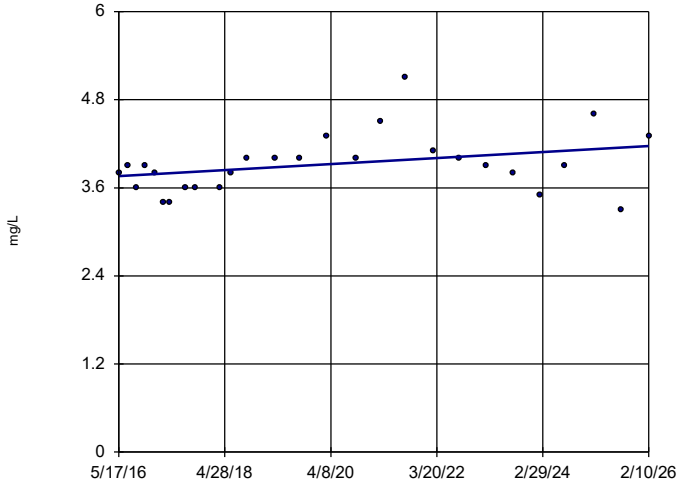
Sen's Slope Estimator

WGWA-1 (bg)



n = 27

Slope = 0.04181 units per year.

Mann-Kendall statistic = 91 critical = 124

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 4/20/2026 4:18 PM View: Appendix III Trend Tests

Plant Wansley Client: Southern Company Data: Wansley AP 1

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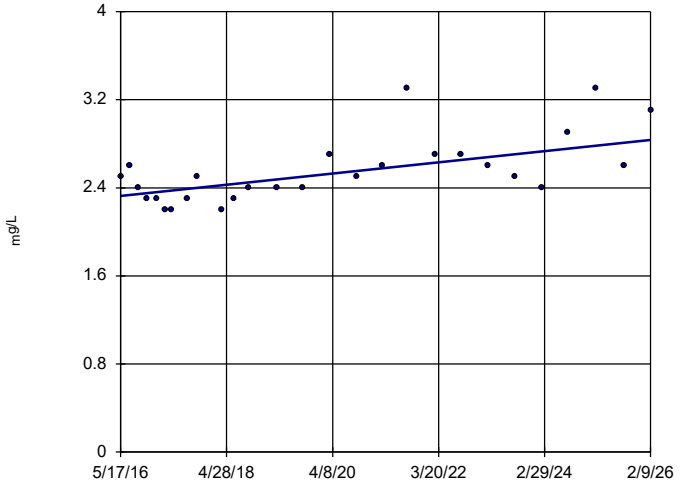
Sen's Slope Estimator

WGWA-2 (bg)



n = 27

Slope = 0.05226 units per year.

Mann-Kendall statistic = 160 critical = 124

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 4/20/2026 4:18 PM View: Appendix III Trend Tests

Plant Wansley Client: Southern Company Data: Wansley AP 1

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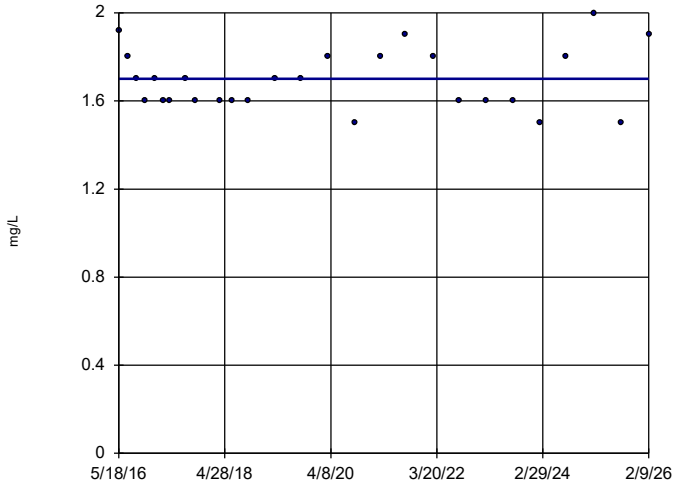
Sen's Slope Estimator

WGWA-3 (bg)



n = 27

Slope = 0
units per year.

Mann-Kendall
statistic = -4
critical = -124

Trend not sig-
nificant at 99%
confidence level
(α = 0.005 per
tail).

Constituent: Chloride Analysis Run 4/20/2026 4:18 PM View: Appendix III Trend Tests

Plant Wansley Client: Southern Company Data: Wansley AP 1

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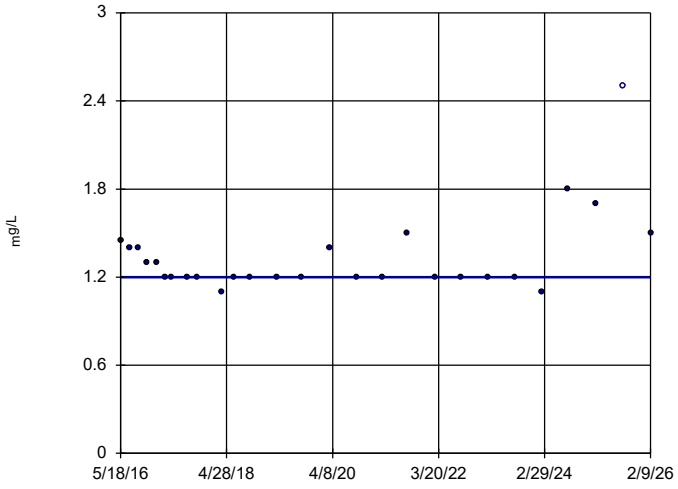
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-4 (bg)



n = 27

Slope = 0
units per year.

Mann-Kendall
statistic = 8
critical = 124

Trend not sig-
nificant at 99%
confidence level
(α = 0.005 per
tail).

Constituent: Chloride Analysis Run 4/20/2026 4:18 PM View: Appendix III Trend Tests

Plant Wansley Client: Southern Company Data: Wansley AP 1

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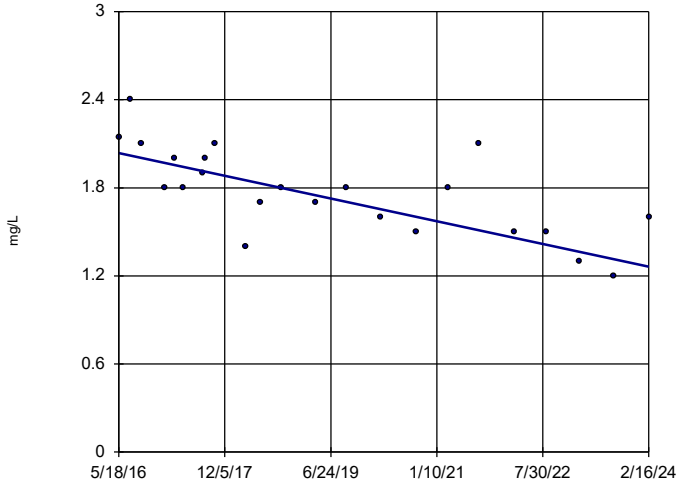
Sen's Slope Estimator

WGWA-5 (bg)



n = 23

Slope = -0.09982
units per year.

Mann-Kendall
statistic = -140
critical = -98

Decreasing trend
significant at 99%
confidence level
(α = 0.005 per
tail).

Constituent: Chloride Analysis Run 4/20/2026 4:18 PM View: Appendix III Trend Tests

Plant Wansley Client: Southern Company Data: Wansley AP 1

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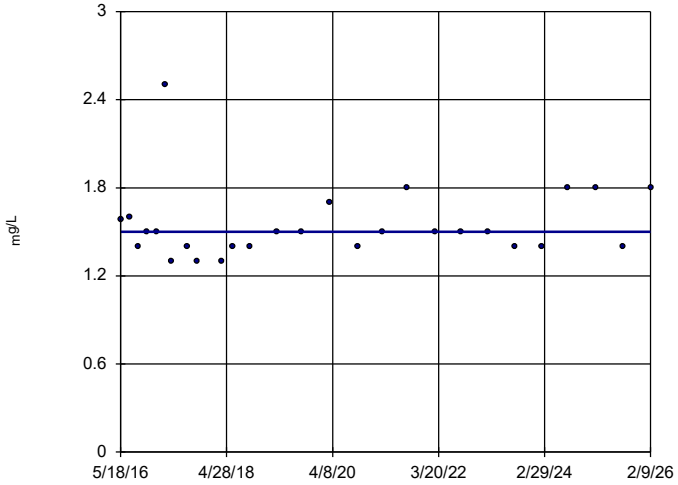
Sen's Slope Estimator

WGWA-6 (bg)



n = 27

Slope = 0
units per year.

Mann-Kendall
statistic = 46
critical = 124

Trend not sig-
nificant at 99%
confidence level
(α = 0.005 per
tail).

Constituent: Chloride Analysis Run 4/20/2026 4:18 PM View: Appendix III Trend Tests

Plant Wansley Client: Southern Company Data: Wansley AP 1

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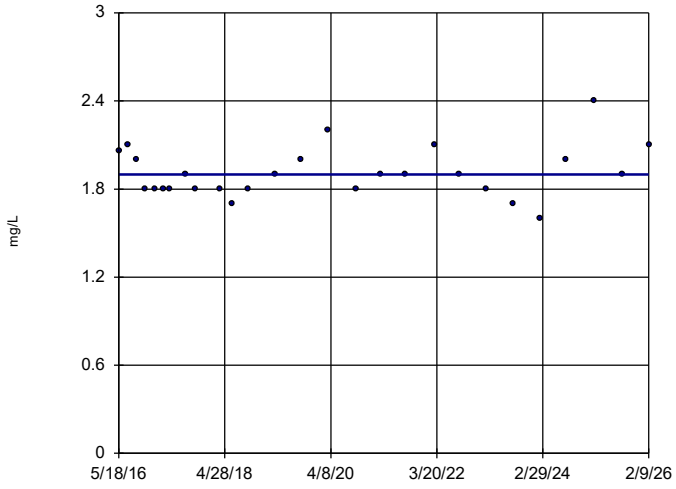
Sen's Slope Estimator

WGWA-7 (bg)



n = 27

Slope = 0 units per year.

Mann-Kendall statistic = 23 critical = 124

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 4/20/2026 4:18 PM View: Appendix III Trend Tests

Plant Wansley Client: Southern Company Data: Wansley AP 1

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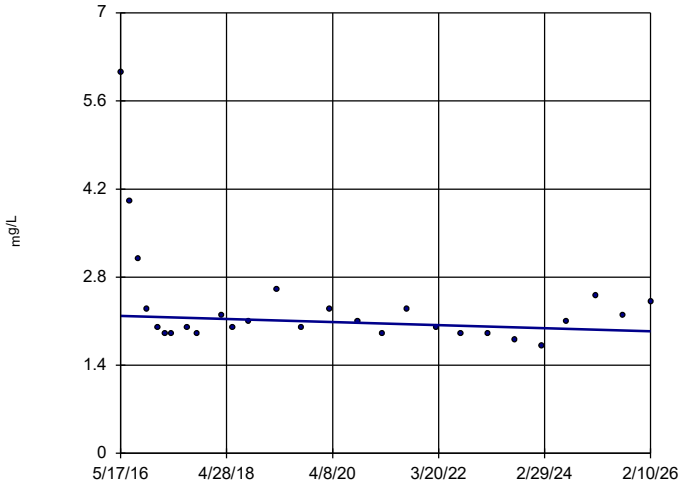
Sen's Slope Estimator

WGWA-18 (bg)



n = 27

Slope = -0.02521 units per year.

Mann-Kendall statistic = -61 critical = -124

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 4/20/2026 4:18 PM View: Appendix III Trend Tests

Plant Wansley Client: Southern Company Data: Wansley AP 1

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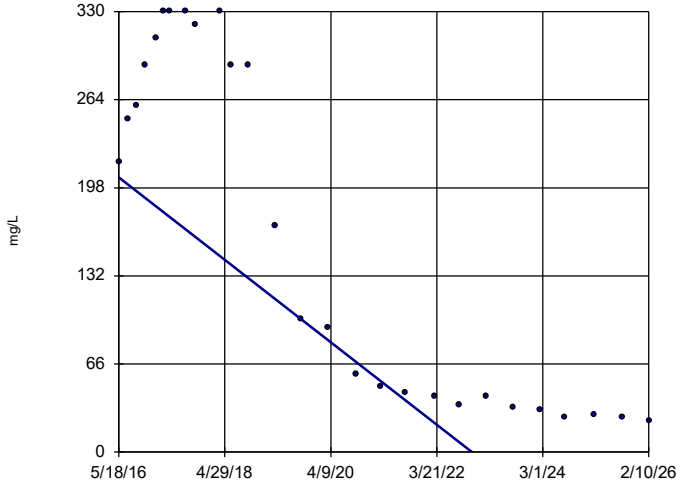
Sen's Slope Estimator

WGWC-16



n = 27

Slope = -31.71 units per year.

Mann-Kendall statistic = -252 critical = -124

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 4/20/2026 4:18 PM View: Appendix III Trend Tests

Plant Wansley Client: Southern Company Data: Wansley AP 1

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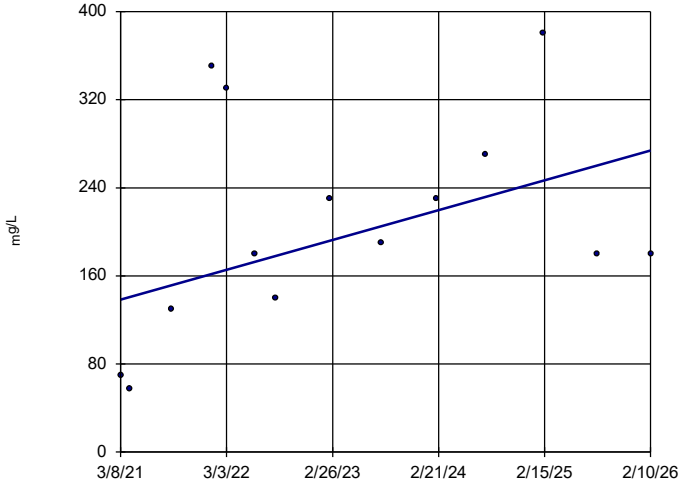
Sen's Slope Estimator

WGWC-20



n = 14

Slope = 27.5 units per year.

Mann-Kendall statistic = 27 critical = 48

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 4/20/2026 4:18 PM View: Appendix III Trend Tests

Plant Wansley Client: Southern Company Data: Wansley AP 1

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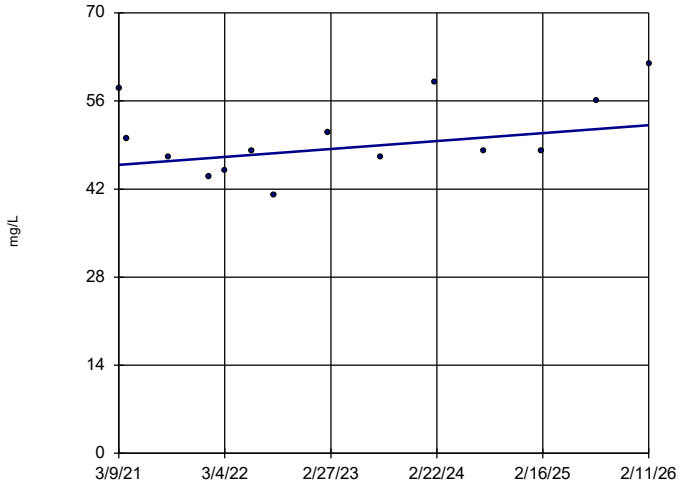
Sen's Slope Estimator

WGWC-21



n = 14

Slope = 1.285 units per year.

Mann-Kendall statistic = 23 critical = 48

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 4/20/2026 4:18 PM View: Appendix III Trend Tests

Plant Wansley Client: Southern Company Data: Wansley AP 1

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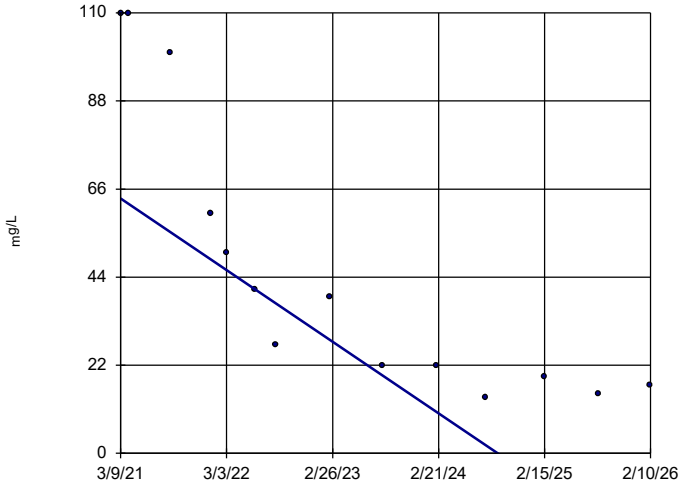
Sen's Slope Estimator

WGWC-24



n = 14

Slope = -18.15 units per year.

Mann-Kendall statistic = -79 critical = -48

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 4/20/2026 4:18 PM View: Appendix III Trend Tests

Plant Wansley Client: Southern Company Data: Wansley AP 1

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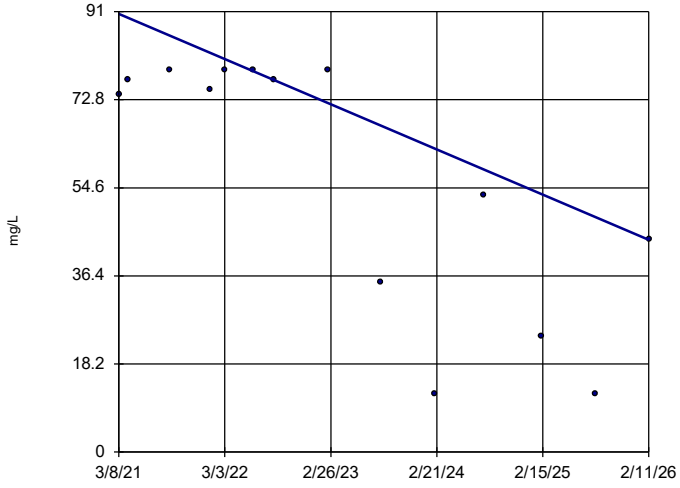
Sen's Slope Estimator

WGWC-25



n = 14

Slope = -9.454 units per year.

Mann-Kendall statistic = -37 critical = -48

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 4/20/2026 4:18 PM View: Appendix III Trend Tests

Plant Wansley Client: Southern Company Data: Wansley AP 1

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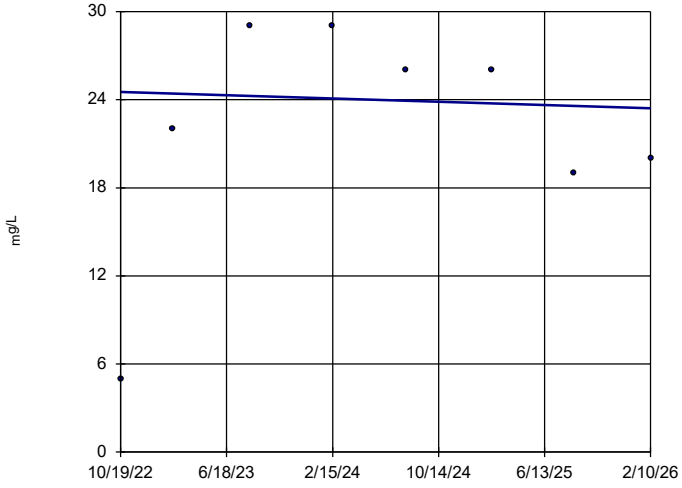
Sen's Slope Estimator

WGWC-27



n = 8

Slope = -0.3349 units per year.

Mann-Kendall statistic = -2 critical = -21

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 4/20/2026 4:18 PM View: Appendix III Trend Tests

Plant Wansley Client: Southern Company Data: Wansley AP 1

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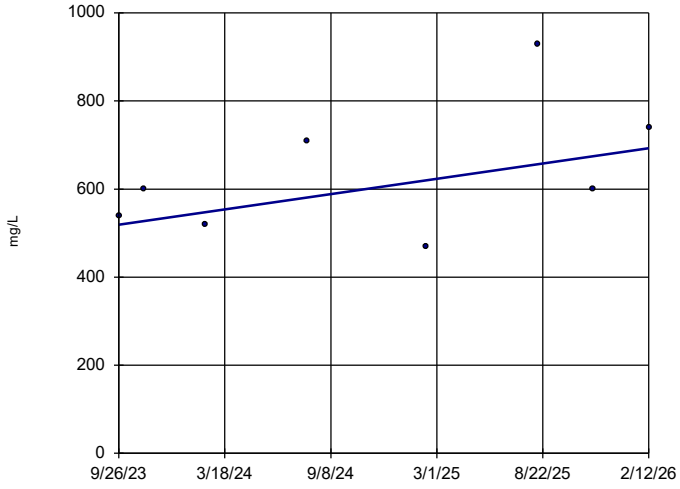
Sen's Slope Estimator

WGWC-28D



n = 8

Slope = 72.81 units per year.

Mann-Kendall statistic = 9 critical = 21

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 4/20/2026 4:18 PM View: Appendix III Trend Tests

Plant Wansley Client: Southern Company Data: Wansley AP 1

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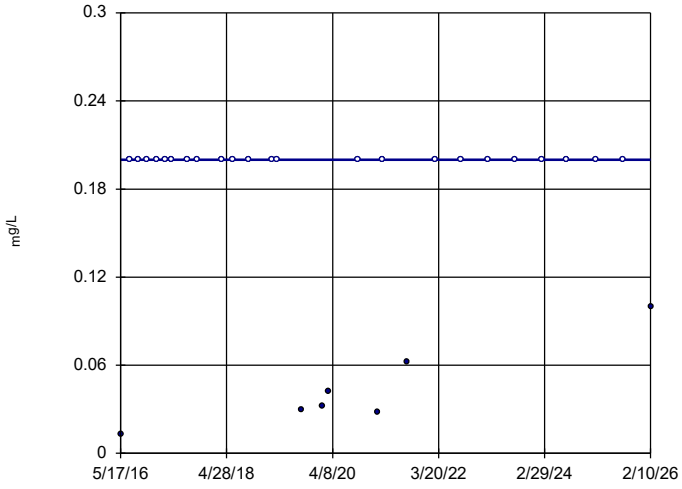
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-1 (bg)



n = 30

Slope = 0 units per year.

Mann-Kendall statistic = -6 critical = -146

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Fluoride Analysis Run 4/20/2026 4:18 PM View: Appendix III Trend Tests

Plant Wansley Client: Southern Company Data: Wansley AP 1

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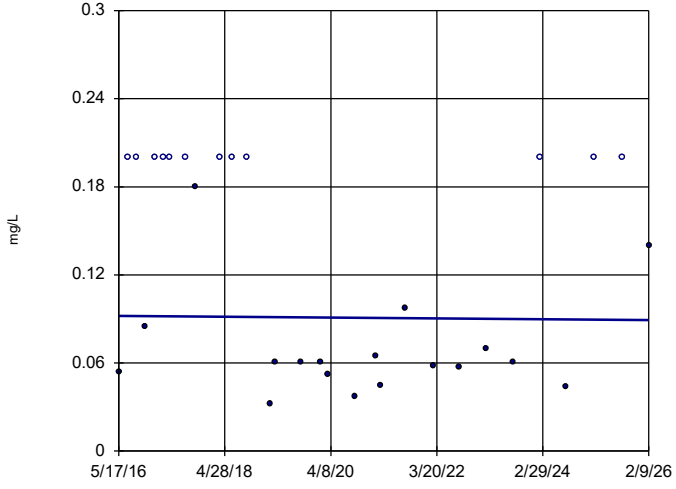
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-2 (bg)



n = 30

Slope = -0.0002948 units per year.

Mann-Kendall statistic = -73 critical = -146

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Fluoride Analysis Run 4/20/2026 4:18 PM View: Appendix III Trend Tests

Plant Wansley Client: Southern Company Data: Wansley AP 1

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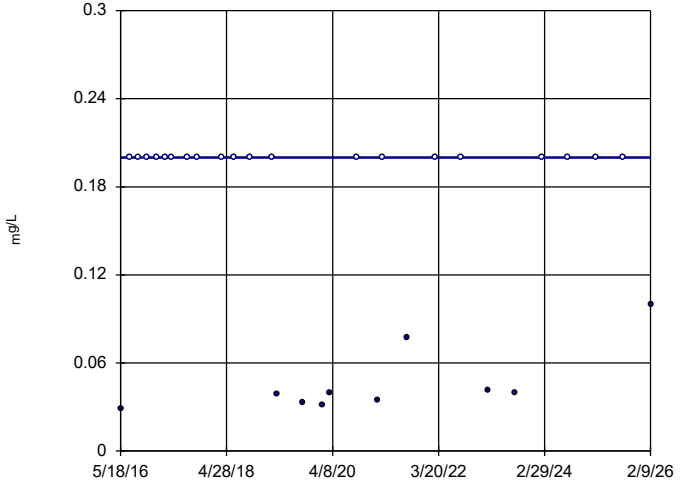
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-3 (bg)



n = 30

Slope = 0 units per year.

Mann-Kendall statistic = -26 critical = -146

Trend not significant at 99% confidence level (α = 0.005 per tail).

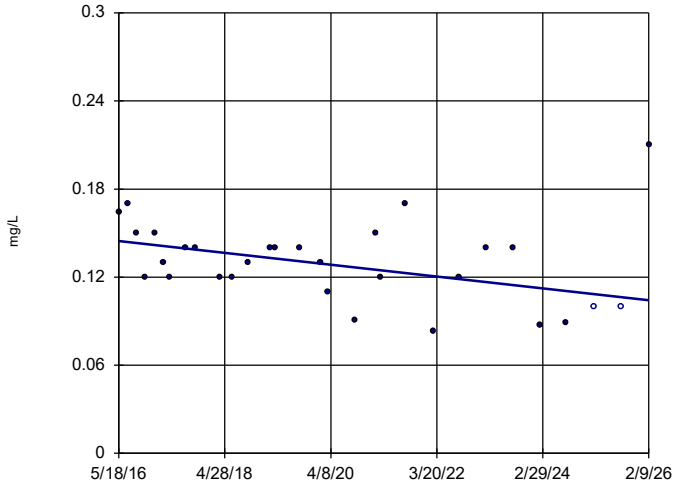
Constituent: Fluoride Analysis Run 4/20/2026 4:18 PM View: Appendix III Trend Tests

Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-4 (bg)



n = 30

Slope = -0.004124 units per year.

Mann-Kendall statistic = -117 critical = -146

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Fluoride Analysis Run 4/20/2026 4:18 PM View: Appendix III Trend Tests

Plant Wansley Client: Southern Company Data: Wansley AP 1

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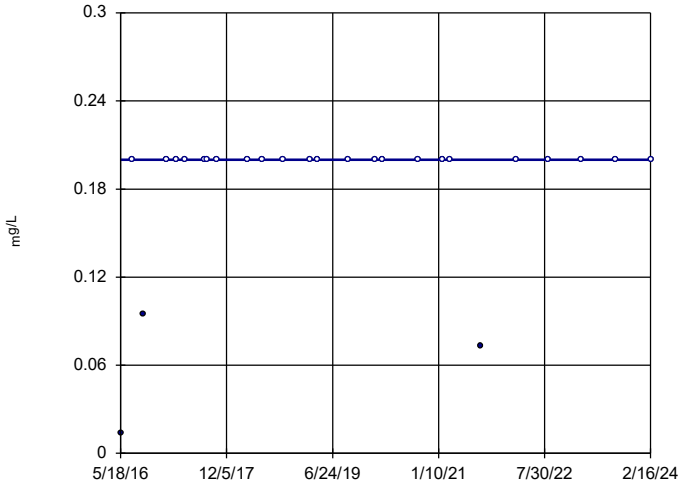
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-5 (bg)



n = 26

Slope = 0 units per year.

Mann-Kendall statistic = 32 critical = 118

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Fluoride Analysis Run 4/20/2026 4:18 PM View: Appendix III Trend Tests

Plant Wansley Client: Southern Company Data: Wansley AP 1

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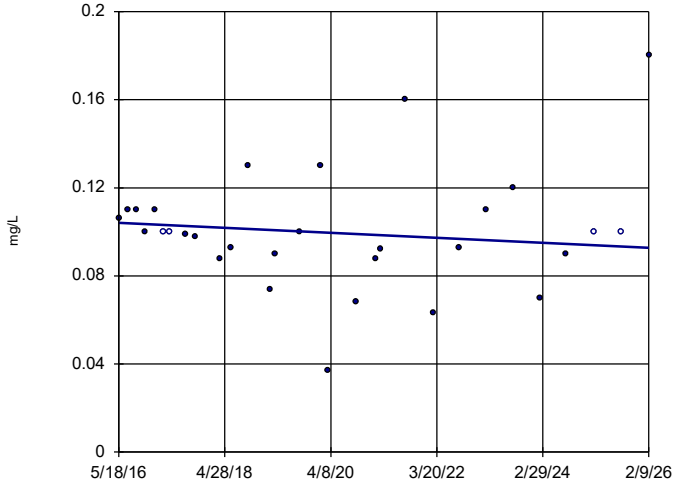
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-6 (bg)



n = 30

Slope = -0.001167 units per year.

Mann-Kendall statistic = -46 critical = -146

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Fluoride Analysis Run 4/20/2026 4:18 PM View: Appendix III Trend Tests

Plant Wansley Client: Southern Company Data: Wansley AP 1

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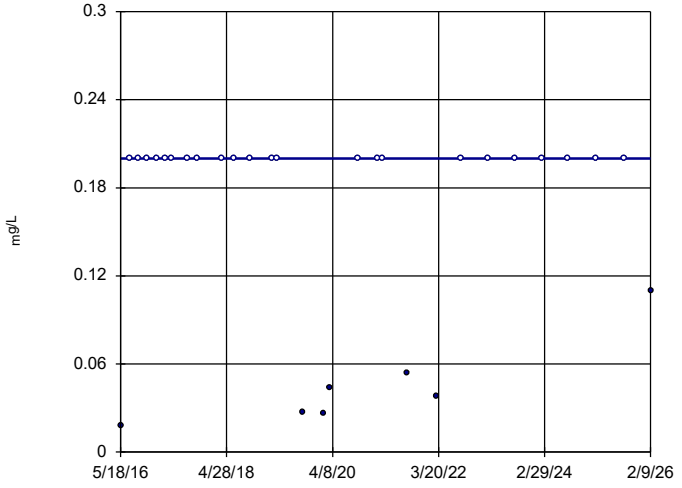
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-7 (bg)



n = 30

Slope = 0 units per year.

Mann-Kendall statistic = -12 critical = -146

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Fluoride Analysis Run 4/20/2026 4:18 PM View: Appendix III Trend Tests

Plant Wansley Client: Southern Company Data: Wansley AP 1

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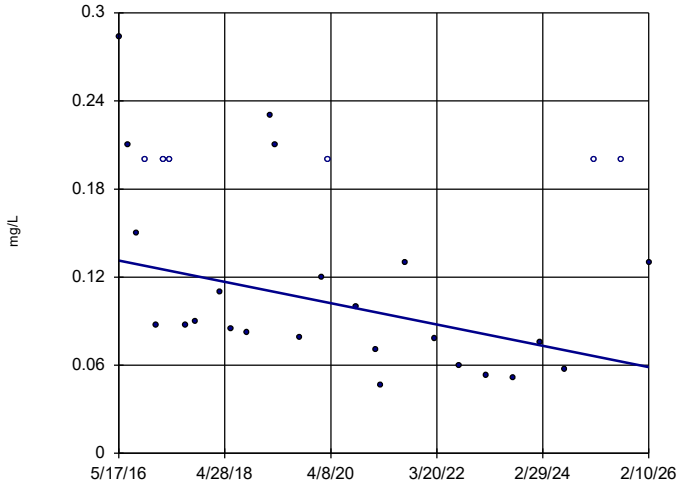
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-18 (bg)



n = 30

Slope = -0.007449 units per year.

Mann-Kendall statistic = -153 critical = -146

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Fluoride Analysis Run 4/20/2026 4:18 PM View: Appendix III Trend Tests

Plant Wansley Client: Southern Company Data: Wansley AP 1

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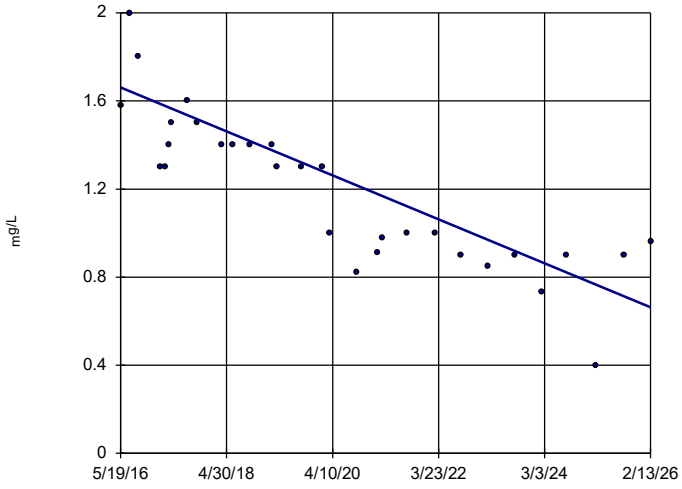
Sen's Slope Estimator

WGWC-9



n = 30

Slope = -0.1023 units per year.

Mann-Kendall statistic = -301 critical = -146

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Fluoride Analysis Run 4/20/2026 4:18 PM View: Appendix III Trend Tests

Plant Wansley Client: Southern Company Data: Wansley AP 1

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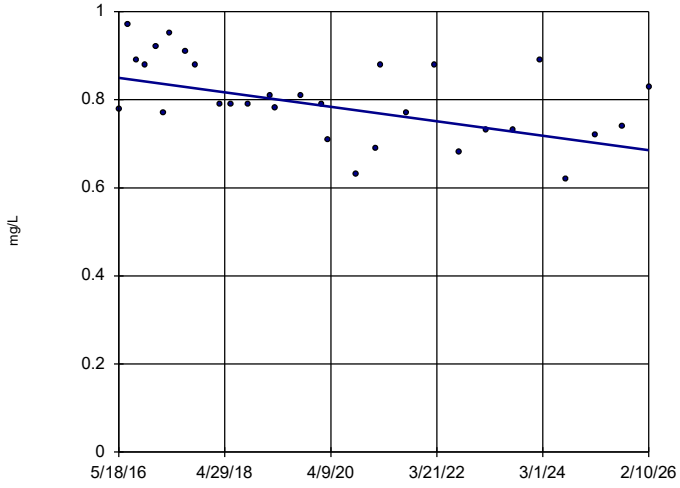
Sen's Slope Estimator

WGWC-15



n = 30

Slope = -0.01682 units per year.

Mann-Kendall statistic = -161 critical = -146

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Fluoride Analysis Run 4/20/2026 4:18 PM View: Appendix III Trend Tests

Plant Wansley Client: Southern Company Data: Wansley AP 1

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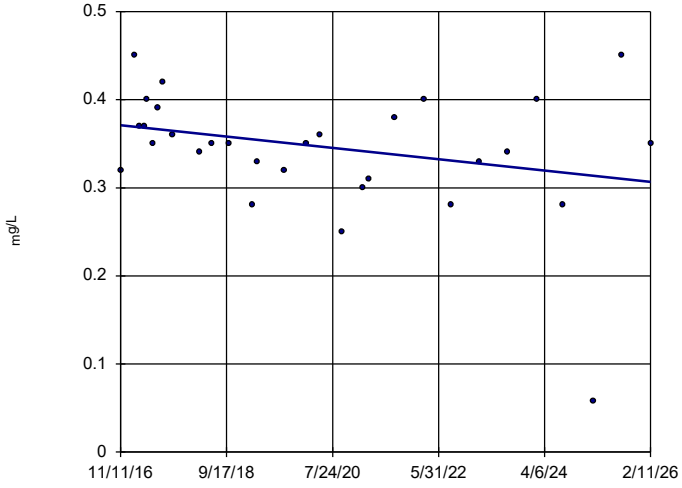
Sen's Slope Estimator

WGWC-19



n = 30

Slope = -0.006936 units per year.

Mann-Kendall statistic = -95 critical = -146

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Fluoride Analysis Run 4/20/2026 4:18 PM View: Appendix III Trend Tests

Plant Wansley Client: Southern Company Data: Wansley AP 1

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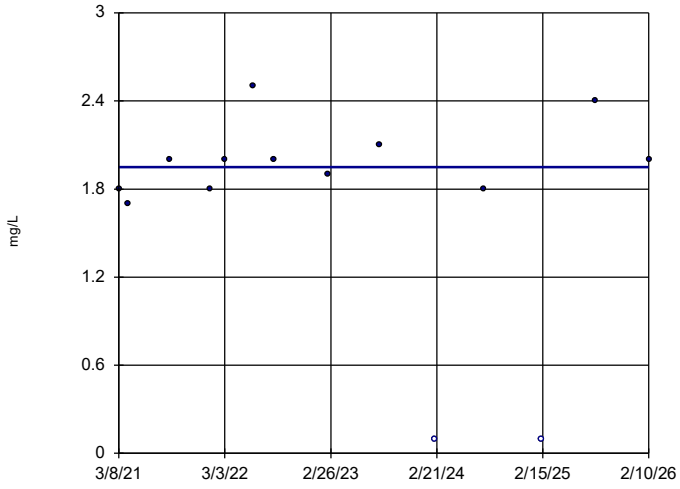
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWC-20



n = 14

Slope = 0
units per year.

Mann-Kendall
statistic = 7
critical = 48

Trend not sig-
nificant at 99%
confidence level
(α = 0.005 per
tail).

Constituent: Fluoride Analysis Run 4/20/2026 4:18 PM View: Appendix III Trend Tests
Plant Wansley Client: Southern Company Data: Wansley AP 1

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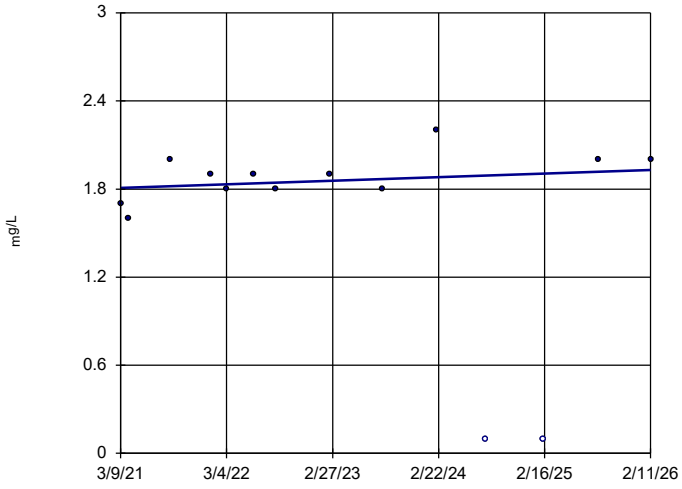
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWC-21



n = 14

Slope = 0.02446
units per year.

Mann-Kendall
statistic = 11
critical = 48

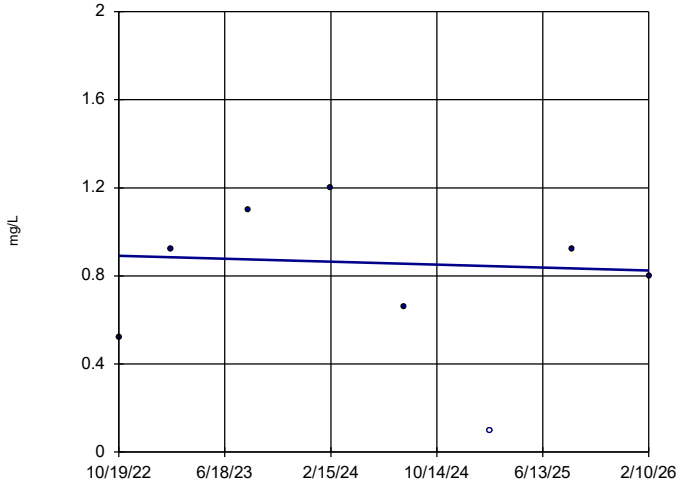
Trend not sig-
nificant at 99%
confidence level
(α = 0.005 per
tail).

Constituent: Fluoride Analysis Run 4/20/2026 4:18 PM View: Appendix III Trend Tests
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWC-27



n = 8

Slope = -0.02009
units per year.

Mann-Kendall
statistic = -1
critical = -21

Trend not sig-
nificant at 99%
confidence level
(α = 0.005 per
tail).

Constituent: Fluoride Analysis Run 4/20/2026 4:18 PM View: Appendix III Trend Tests
Plant Wansley Client: Southern Company Data: Wansley AP 1

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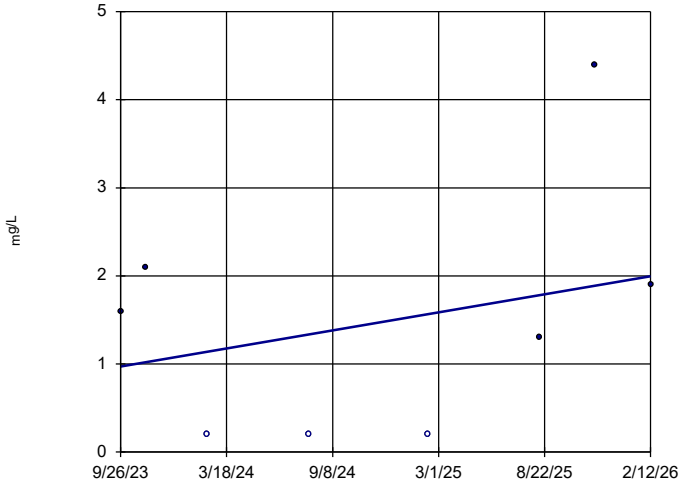
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWC-28D



n = 8

Slope = 0.4299
units per year.

Mann-Kendall
statistic = 5
critical = 21

Trend not sig-
nificant at 99%
confidence level
(α = 0.005 per
tail).

Constituent: Fluoride Analysis Run 4/20/2026 4:18 PM View: Appendix III Trend Tests
Plant Wansley Client: Southern Company Data: Wansley AP 1

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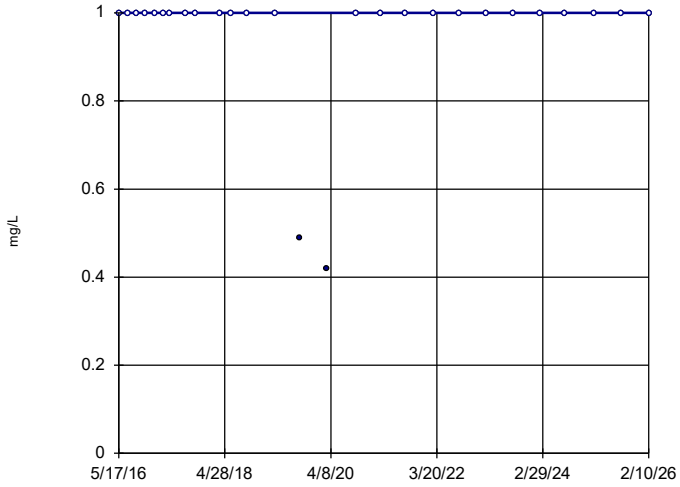
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-1 (bg)



n = 27

Slope = 0
units per year.

Mann-Kendall
statistic = -3
critical = -124

Trend not sig-
nificant at 99%
confidence level
(α = 0.005 per
tail).

Constituent: Sulfate Analysis Run 4/20/2026 4:18 PM View: Appendix III Trend Tests
Plant Wansley Client: Southern Company Data: Wansley AP 1

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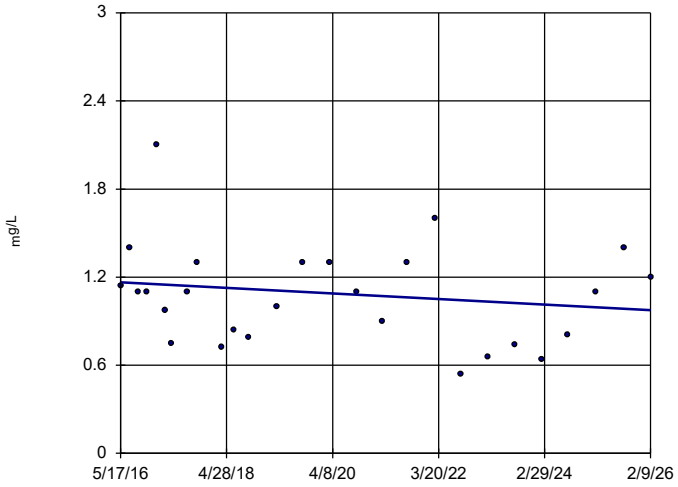
Sen's Slope Estimator

WGWA-2 (bg)



n = 27

Slope = -0.01934
units per year.

Mann-Kendall
statistic = -44
critical = -124

Trend not sig-
nificant at 99%
confidence level
(α = 0.005 per
tail).

Constituent: Sulfate Analysis Run 4/20/2026 4:18 PM View: Appendix III Trend Tests
Plant Wansley Client: Southern Company Data: Wansley AP 1

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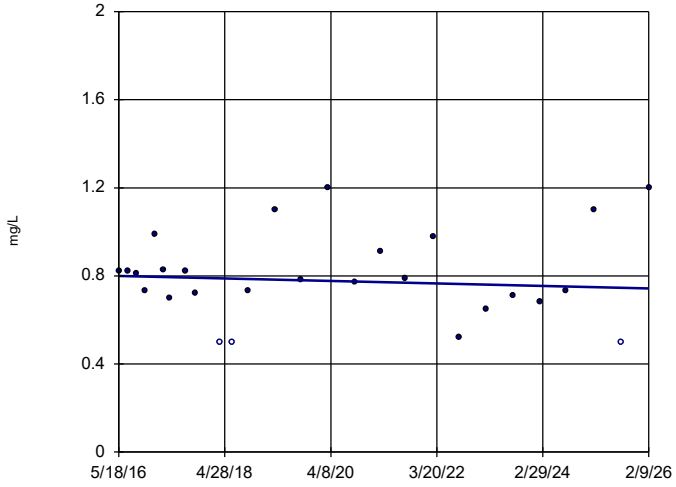
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-3 (bg)



n = 27

Slope = -0.005794
units per year.

Mann-Kendall
statistic = -24
critical = -124

Trend not sig-
nificant at 99%
confidence level
(α = 0.005 per
tail).

Constituent: Sulfate Analysis Run 4/20/2026 4:18 PM View: Appendix III Trend Tests
Plant Wansley Client: Southern Company Data: Wansley AP 1

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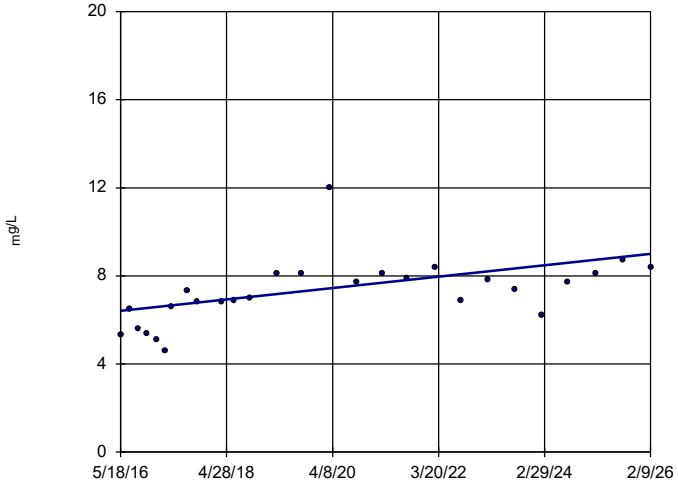
Sen's Slope Estimator

WGWA-4 (bg)



n = 27

Slope = 0.2664
units per year.

Mann-Kendall
statistic = 187
critical = 124

Increasing trend
significant at 99%
confidence level
(α = 0.005 per
tail).

Constituent: Sulfate Analysis Run 4/20/2026 4:18 PM View: Appendix III Trend Tests
Plant Wansley Client: Southern Company Data: Wansley AP 1

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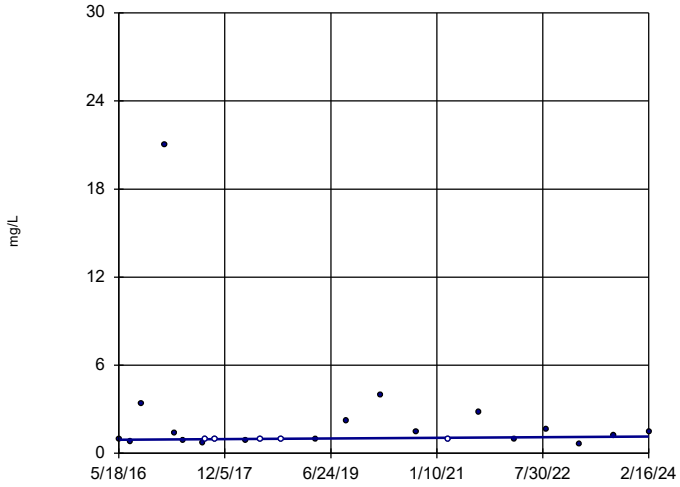
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-5 (bg)



n = 23

Slope = 0.028 units per year.

Mann-Kendall statistic = 28 critical = 98

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 4/20/2026 4:18 PM View: Appendix III Trend Tests
Plant Wansley Client: Southern Company Data: Wansley AP 1

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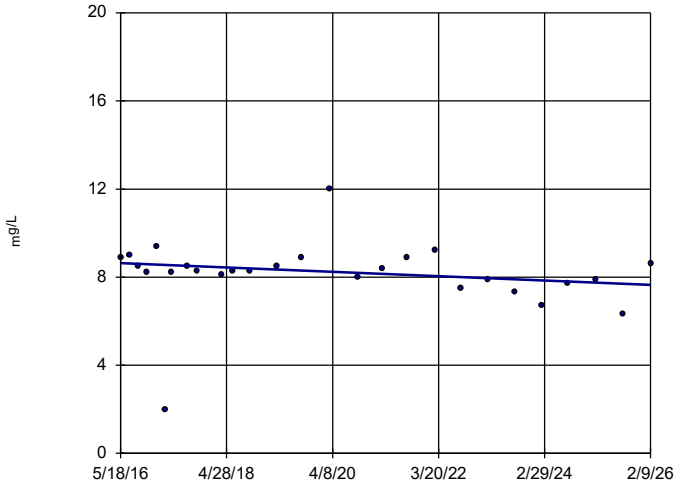
Sen's Slope Estimator

WGWA-6 (bg)



n = 27

Slope = -0.1017 units per year.

Mann-Kendall statistic = -92 critical = -124

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 4/20/2026 4:18 PM View: Appendix III Trend Tests
Plant Wansley Client: Southern Company Data: Wansley AP 1

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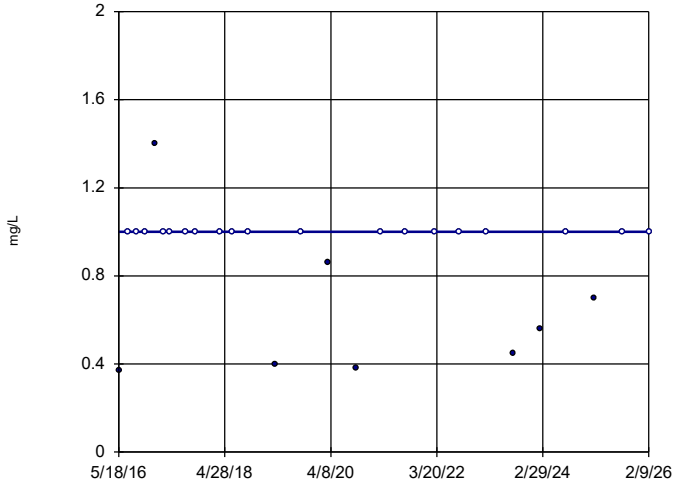
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-7 (bg)



n = 27

Slope = 0 units per year.

Mann-Kendall statistic = -36 critical = -124

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 4/20/2026 4:18 PM View: Appendix III Trend Tests
Plant Wansley Client: Southern Company Data: Wansley AP 1

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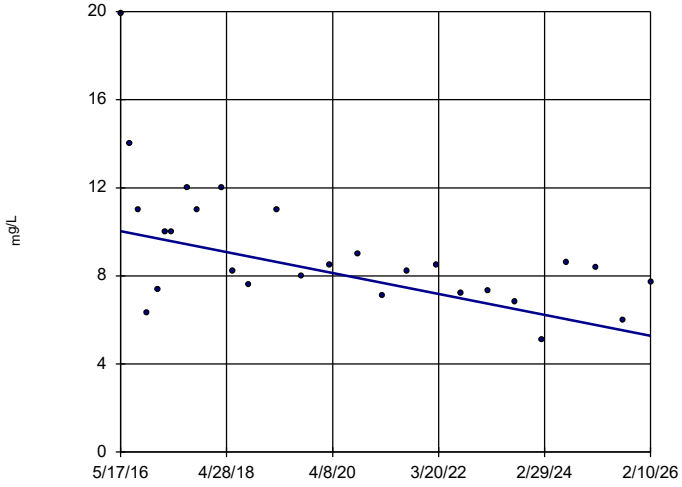
Sen's Slope Estimator

WGWA-18 (bg)



n = 27

Slope = -0.487 units per year.

Mann-Kendall statistic = -150 critical = -124

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 4/20/2026 4:18 PM View: Appendix III Trend Tests
Plant Wansley Client: Southern Company Data: Wansley AP 1

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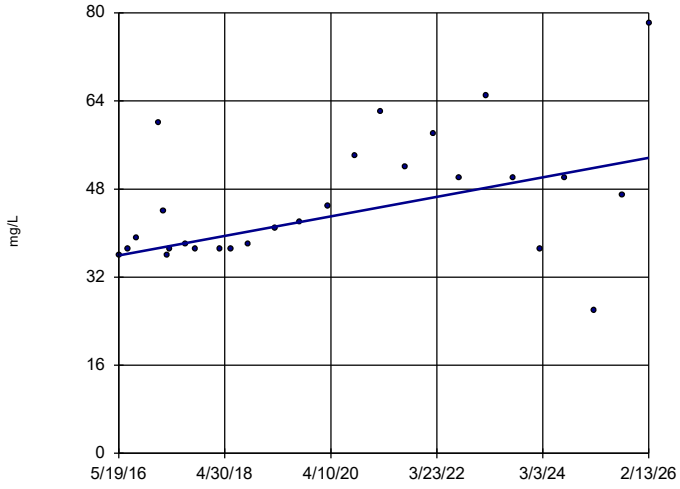
Sen's Slope Estimator

WGWC-9



n = 27

Slope = 1.822 units per year.

Mann-Kendall statistic = 128 critical = 124

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 4/20/2026 4:18 PM View: Appendix III Trend Tests

Plant Wansley Client: Southern Company Data: Wansley AP 1

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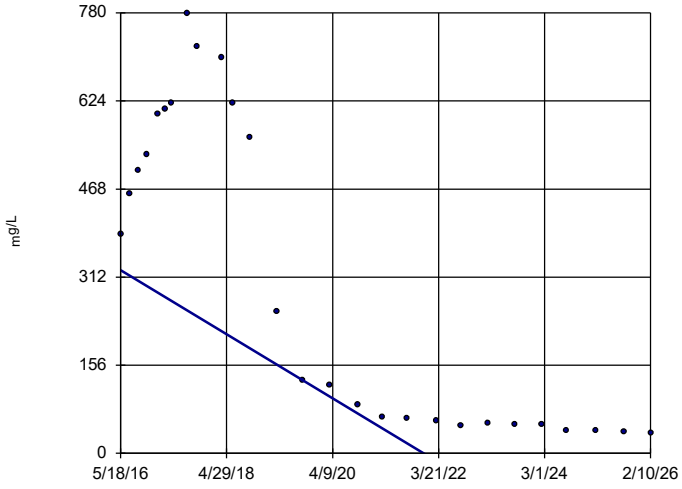
Sen's Slope Estimator

WGWC-16



n = 27

Slope = -58.25 units per year.

Mann-Kendall statistic = -240 critical = -124

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 4/20/2026 4:18 PM View: Appendix III Trend Tests

Plant Wansley Client: Southern Company Data: Wansley AP 1

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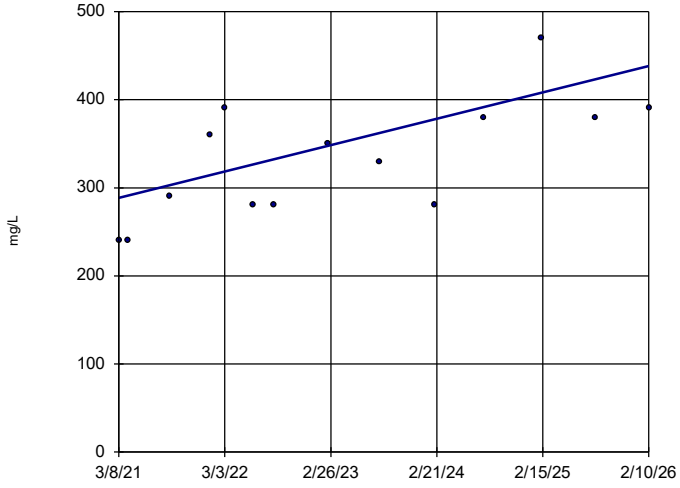
Sen's Slope Estimator

WGWC-20



n = 14

Slope = 30.42 units per year.

Mann-Kendall statistic = 45 critical = 48

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 4/20/2026 4:18 PM View: Appendix III Trend Tests

Plant Wansley Client: Southern Company Data: Wansley AP 1

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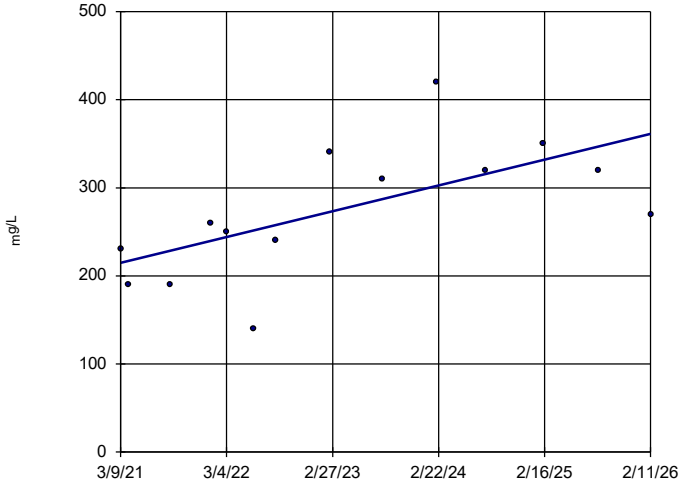
Sen's Slope Estimator

WGWC-21



n = 14

Slope = 29.75 units per year.

Mann-Kendall statistic = 43 critical = 48

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 4/20/2026 4:18 PM View: Appendix III Trend Tests

Plant Wansley Client: Southern Company Data: Wansley AP 1

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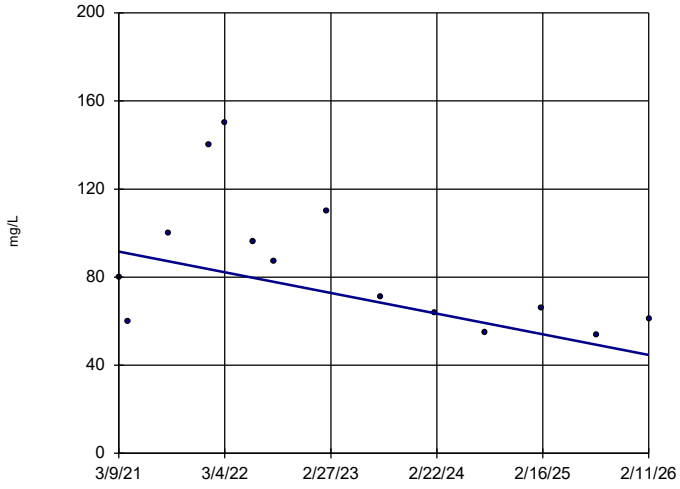
Sen's Slope Estimator

WGWC-22



n = 14

Slope = -9.498 units per year.

Mann-Kendall statistic = -39 critical = -48

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 4/20/2026 4:18 PM View: Appendix III Trend Tests

Plant Wansley Client: Southern Company Data: Wansley AP 1

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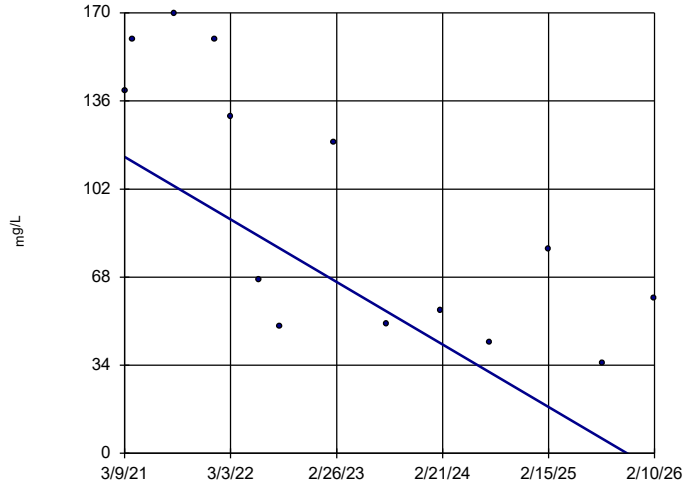
Sen's Slope Estimator

WGWC-24



n = 14

Slope = -24.48 units per year.

Mann-Kendall statistic = -52 critical = -48

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 4/20/2026 4:18 PM View: Appendix III Trend Tests

Plant Wansley Client: Southern Company Data: Wansley AP 1

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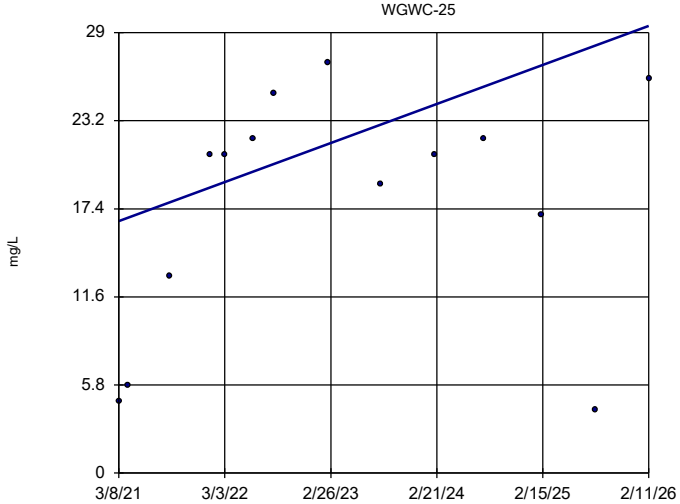
Sen's Slope Estimator

WGWC-25



n = 14

Slope = 2.607 units per year.

Mann-Kendall statistic = 25 critical = 48

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 4/20/2026 4:18 PM View: Appendix III Trend Tests

Plant Wansley Client: Southern Company Data: Wansley AP 1

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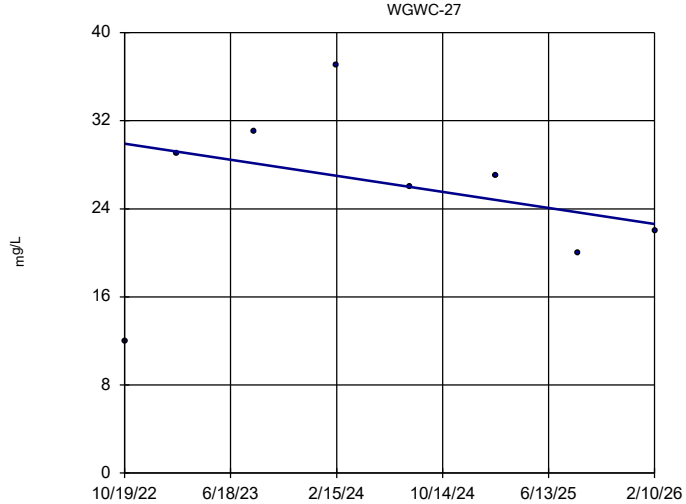
Sen's Slope Estimator

WGWC-27



n = 8

Slope = -2.201 units per year.

Mann-Kendall statistic = -4 critical = -21

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 4/20/2026 4:18 PM View: Appendix III Trend Tests

Plant Wansley Client: Southern Company Data: Wansley AP 1

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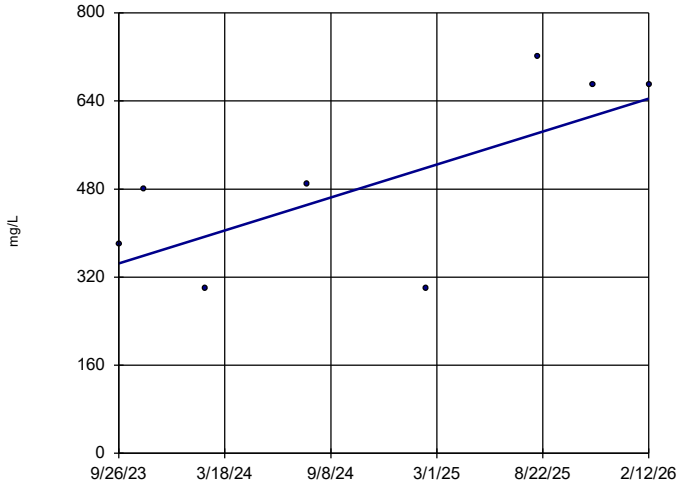
Sen's Slope Estimator

WGWC-28D



n = 8

Slope = 125.6 units per year.

Mann-Kendall statistic = 12 critical = 21

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 4/20/2026 4:18 PM View: Appendix III Trend Tests

Plant Wansley Client: Southern Company Data: Wansley AP 1

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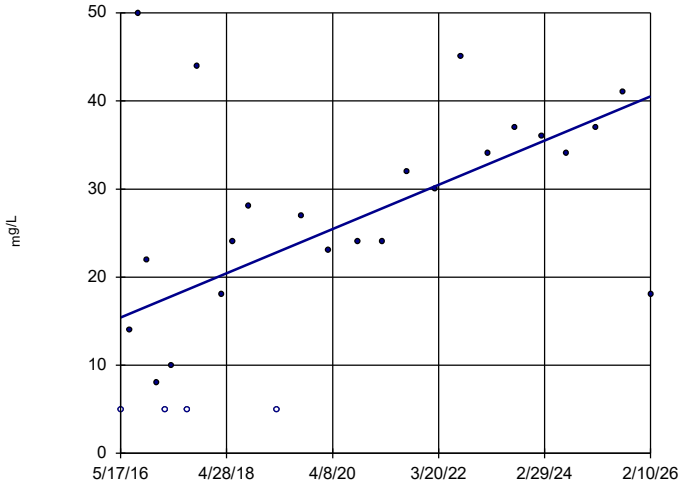
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-1 (bg)



n = 27

Slope = 2.578 units per year.

Mann-Kendall statistic = 151 critical = 124

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: TDS Analysis Run 4/20/2026 4:18 PM View: Appendix III Trend Tests

Plant Wansley Client: Southern Company Data: Wansley AP 1

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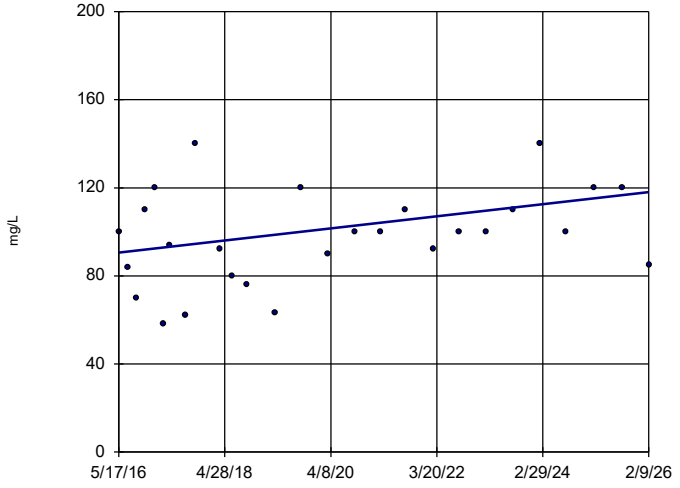
Sen's Slope Estimator

WGWA-2 (bg)



n = 27

Slope = 2.826 units per year.

Mann-Kendall statistic = 89 critical = 124

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: TDS Analysis Run 4/20/2026 4:18 PM View: Appendix III Trend Tests

Plant Wansley Client: Southern Company Data: Wansley AP 1

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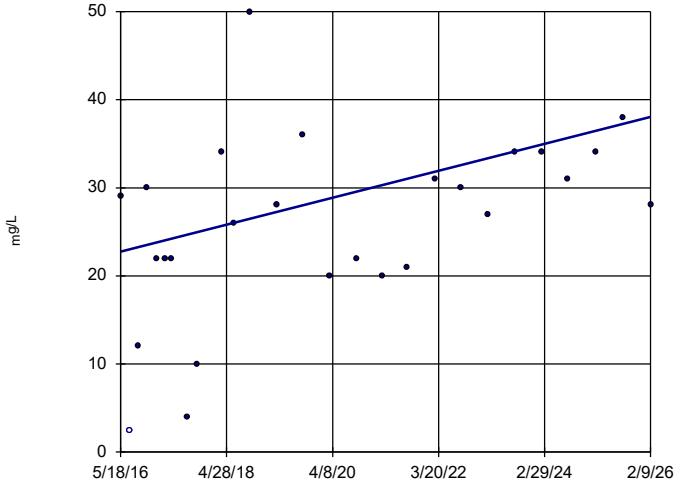
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-3 (bg)



n = 27

Slope = 1.568 units per year.

Mann-Kendall statistic = 123 critical = 124

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: TDS Analysis Run 4/20/2026 4:18 PM View: Appendix III Trend Tests

Plant Wansley Client: Southern Company Data: Wansley AP 1

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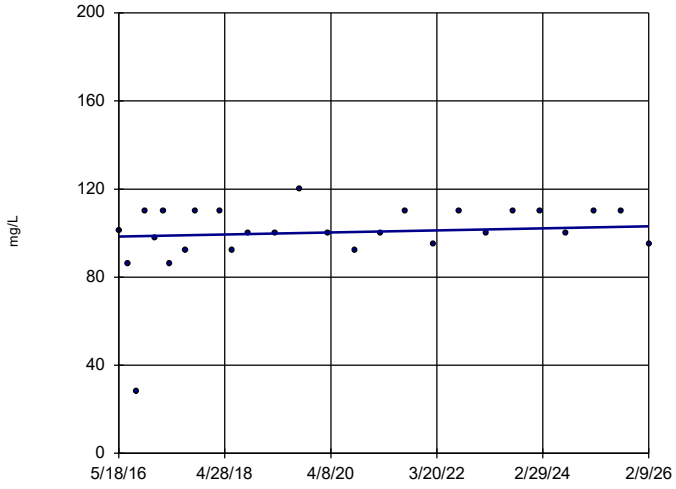
Sen's Slope Estimator

WGWA-4 (bg)



n = 27

Slope = 0.4828 units per year.

Mann-Kendall statistic = 74 critical = 124

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: TDS Analysis Run 4/20/2026 4:18 PM View: Appendix III Trend Tests

Plant Wansley Client: Southern Company Data: Wansley AP 1

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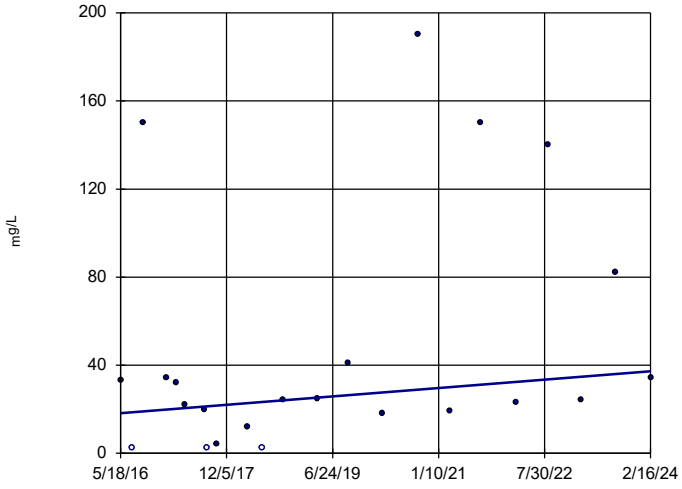
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-5 (bg)



n = 23

Slope = 2.455 units per year.

Mann-Kendall statistic = 47 critical = 98

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: TDS Analysis Run 4/20/2026 4:18 PM View: Appendix III Trend Tests

Plant Wansley Client: Southern Company Data: Wansley AP 1

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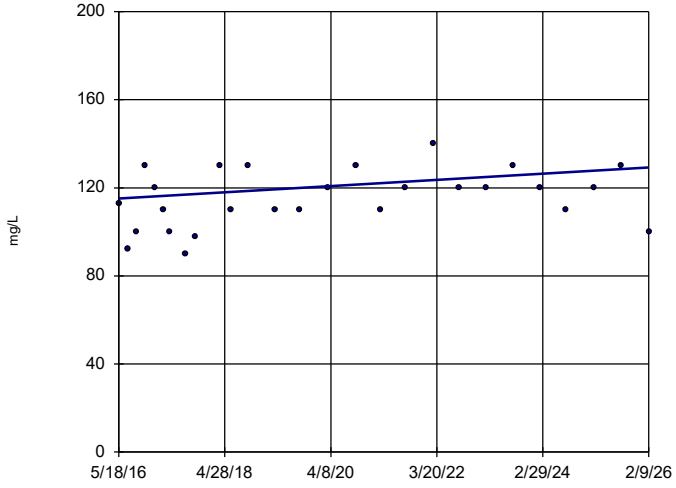
Sen's Slope Estimator

WGWA-6 (bg)



n = 27

Slope = 1.444 units per year.

Mann-Kendall statistic = 79 critical = 124

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: TDS Analysis Run 4/20/2026 4:18 PM View: Appendix III Trend Tests

Plant Wansley Client: Southern Company Data: Wansley AP 1

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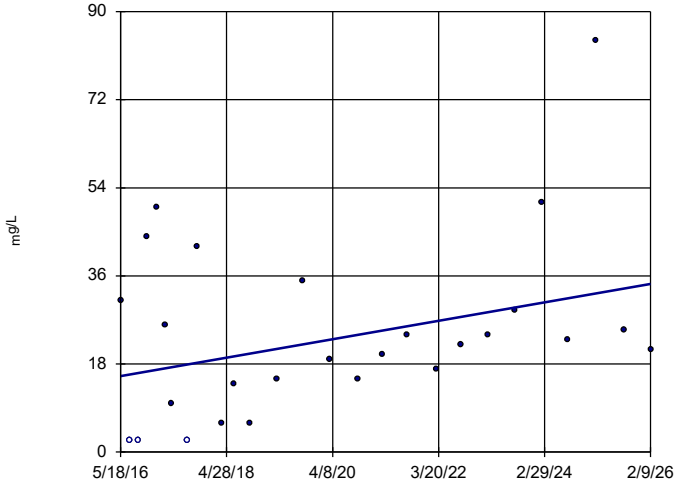
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-7 (bg)



n = 27

Slope = 1.934 units per year.

Mann-Kendall statistic = 91 critical = 124

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: TDS Analysis Run 4/20/2026 4:18 PM View: Appendix III Trend Tests

Plant Wansley Client: Southern Company Data: Wansley AP 1

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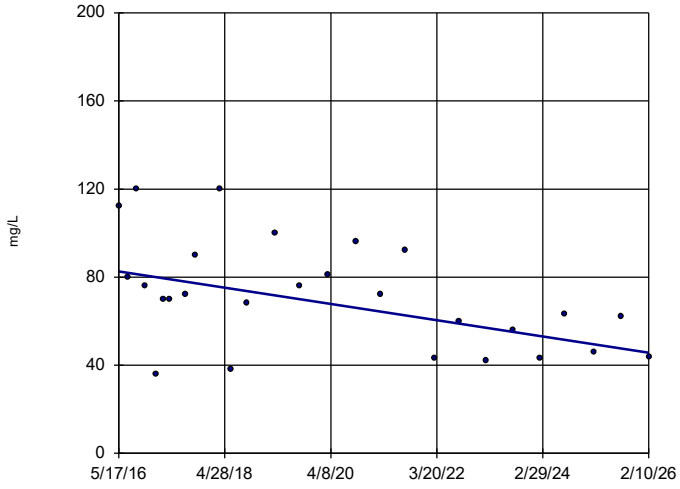
Sen's Slope Estimator

WGWA-18 (bg)



n = 27

Slope = -3.79 units per year.

Mann-Kendall statistic = -116 critical = -124

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: TDS Analysis Run 4/20/2026 4:18 PM View: Appendix III Trend Tests

Plant Wansley Client: Southern Company Data: Wansley AP 1

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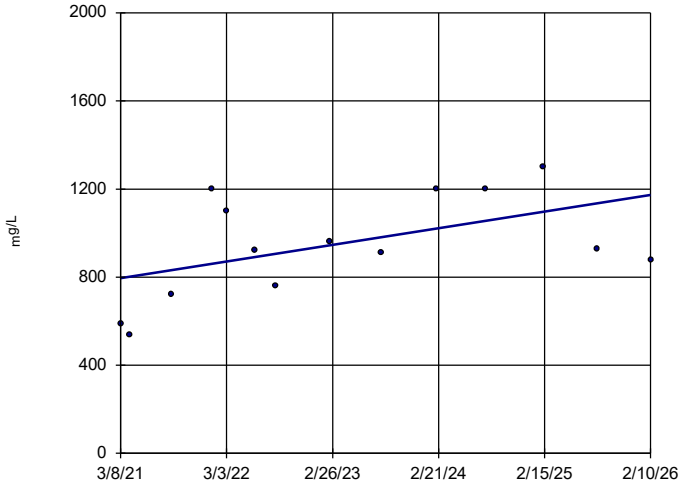
Sen's Slope Estimator

WGWC-20



n = 14

Slope = 76.6 units per year.

Mann-Kendall statistic = 32 critical = 48

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: TDS Analysis Run 4/20/2026 4:18 PM View: Appendix III Trend Tests

Plant Wansley Client: Southern Company Data: Wansley AP 1

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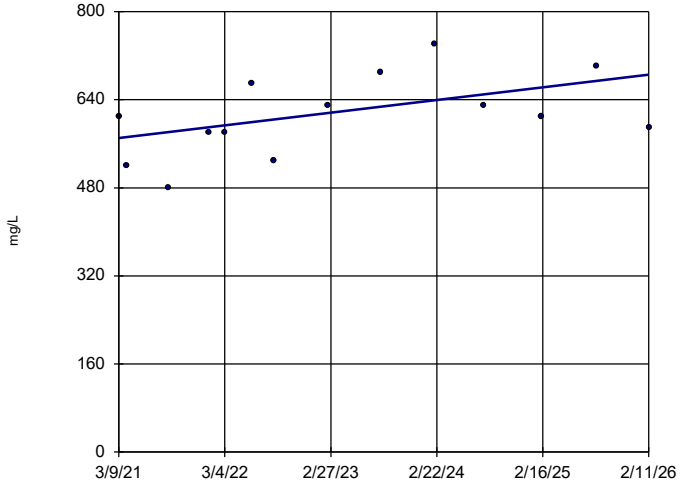
Sen's Slope Estimator

WGWC-21



n = 14

Slope = 23.33 units per year.

Mann-Kendall statistic = 34 critical = 48

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: TDS Analysis Run 4/20/2026 4:18 PM View: Appendix III Trend Tests

Plant Wansley Client: Southern Company Data: Wansley AP 1

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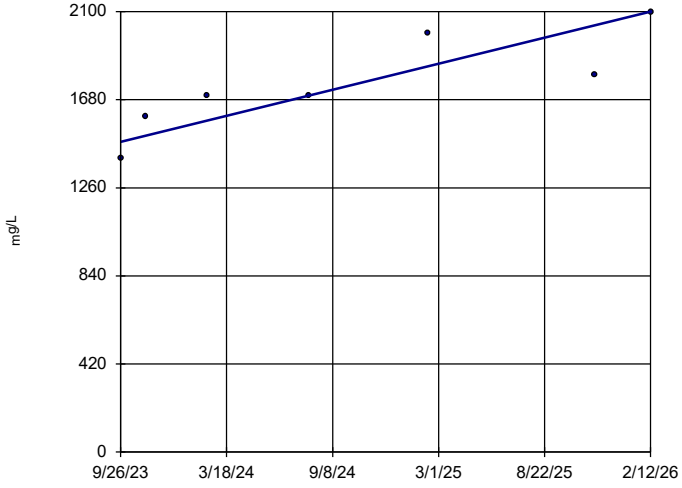
Sen's Slope Estimator

WGWC-28D



n = 7

Slope = 260.7 units per year.

Mann-Kendall statistic = 18 critical = 18

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: TDS Analysis Run 4/20/2026 4:18 PM View: Appendix III Trend Tests

Plant Wansley Client: Southern Company Data: Wansley AP 1

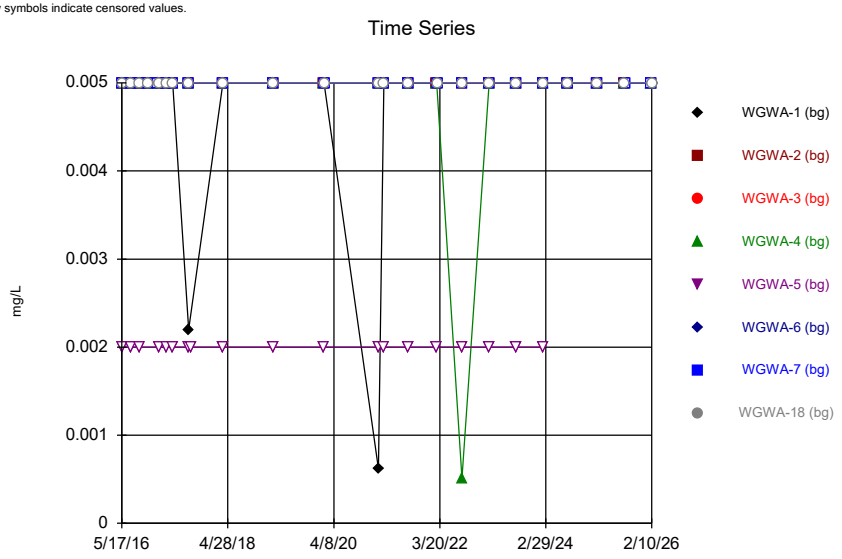
FIGURE G.

Upper Tolerance Limits

Plant Wansley Client: Southern Company Data: Wansley AP 1 Printed 4/20/2026, 4:38 PM

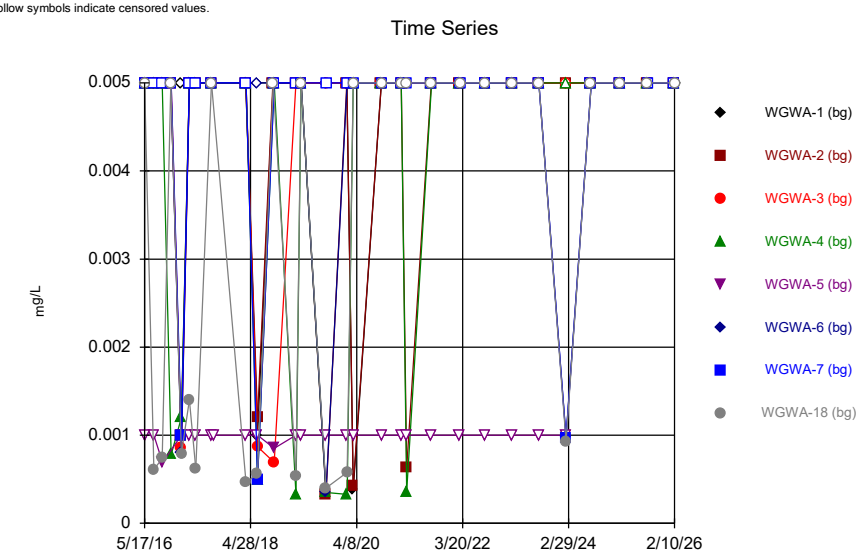
Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
Antimony (mg/L)	n/a	0.005	n/a	n/a	n/a	n/a	180	98.33	n/a	NaN	NP Inter(NDs)
Arsenic (mg/L)	n/a	0.005	n/a	n/a	n/a	n/a	228	84.21	n/a	NaN	NP Inter(NDs)
Barium (mg/L)	n/a	0.062	n/a	n/a	n/a	n/a	228	0	n/a	NaN	NP Inter(normality)
Beryllium (mg/L)	n/a	0.0011	n/a	n/a	n/a	n/a	228	95.18	n/a	NaN	NP Inter(NDs)
Cadmium (mg/L)	n/a	0.0007	n/a	n/a	n/a	n/a	212	100	n/a	NaN	NP Inter(NDs)
Chromium (mg/L)	n/a	0.0063	n/a	n/a	n/a	n/a	227	94.71	n/a	NaN	NP Inter(NDs)
Cobalt (mg/L)	n/a	0.0066	n/a	n/a	n/a	n/a	226	49.12	n/a	NaN	NP Inter(normality)
Combined Radium 226 + 228 (pCi/L)	n/a	13.1	n/a	n/a	n/a	n/a	226	0	n/a	NaN	NP Inter(normality)
Fluoride (mg/L)	n/a	0.284	n/a	n/a	n/a	n/a	236	47.88	n/a	NaN	NP Inter(normality)
Lead (mg/L)	n/a	0.0015	n/a	n/a	n/a	n/a	212	90.57	n/a	NaN	NP Inter(NDs)
Lithium (mg/L)	n/a	0.02	n/a	n/a	n/a	n/a	218	51.83	n/a	NaN	NP Inter(NDs)
Mercury (mg/L)	n/a	0.0002	n/a	n/a	n/a	n/a	196	92.35	n/a	NaN	NP Inter(NDs)
Molybdenum (mg/L)	n/a	0.0072	n/a	n/a	n/a	n/a	227	92.51	n/a	NaN	NP Inter(NDs)
Selenium (mg/L)	n/a	0.005	n/a	n/a	n/a	n/a	228	96.05	n/a	NaN	NP Inter(NDs)
Thallium (mg/L)	n/a	0.001	n/a	n/a	n/a	n/a	228	94.3	n/a	NaN	NP Inter(NDs)

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.



Constituent: Antimony Analysis Run 4/20/2026 4:32 PM View: Upper Tolerance Limits
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.



Constituent: Arsenic Analysis Run 4/20/2026 4:32 PM View: Upper Tolerance Limits
Plant Wansley Client: Southern Company Data: Wansley AP 1

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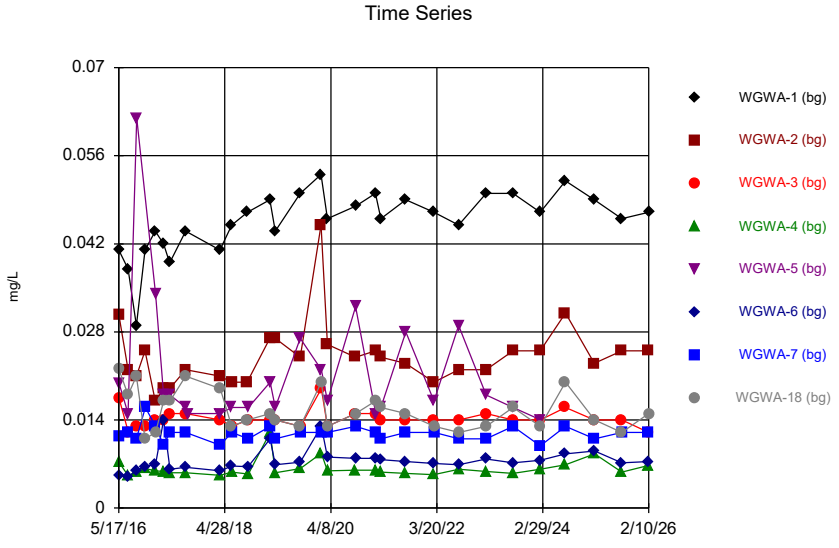
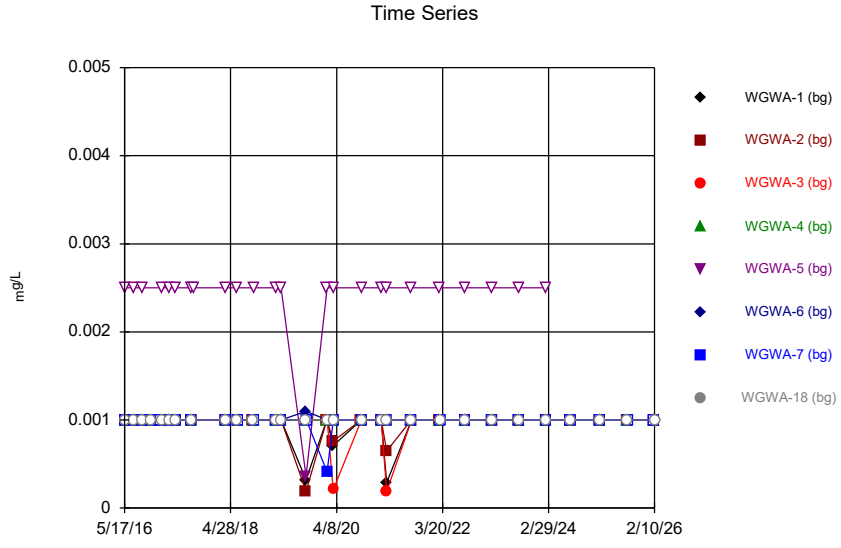


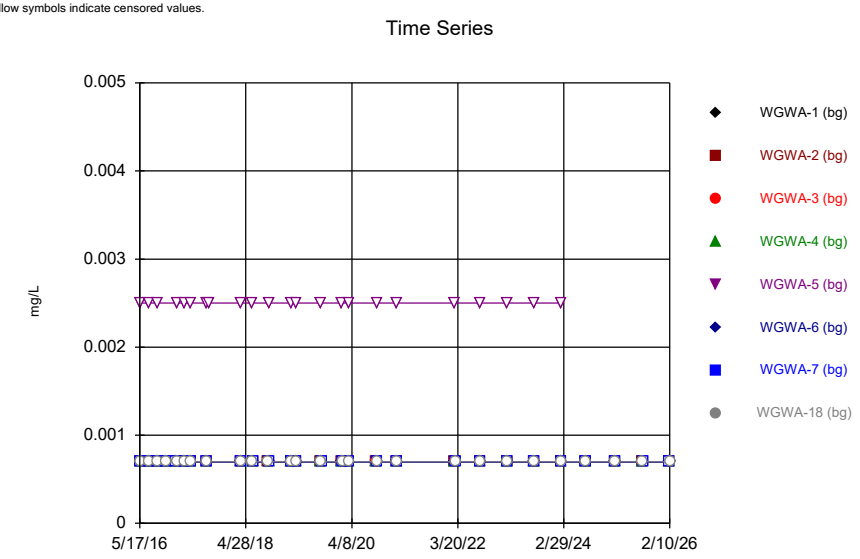
Constituent: Barium Analysis Run 4/20/2026 4:32 PM View: Upper Tolerance Limits
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.



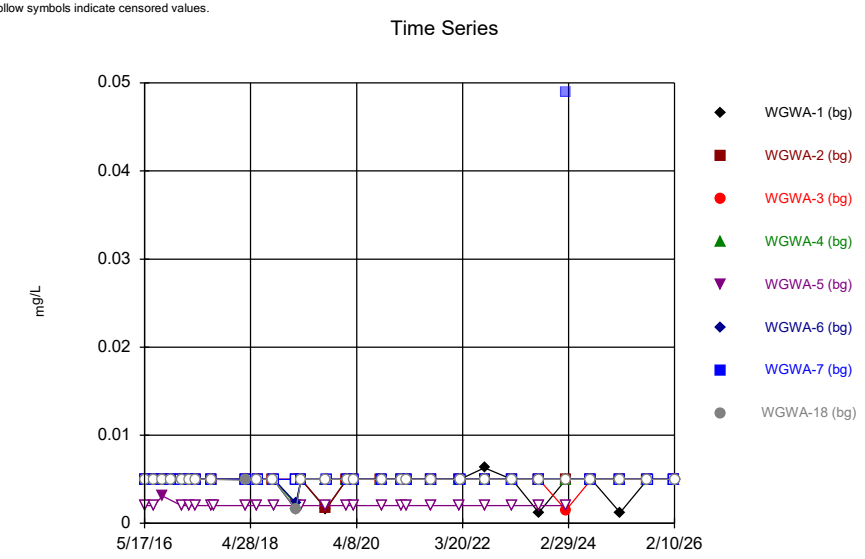
Constituent: Beryllium Analysis Run 4/20/2026 4:32 PM View: Upper Tolerance Limits
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.



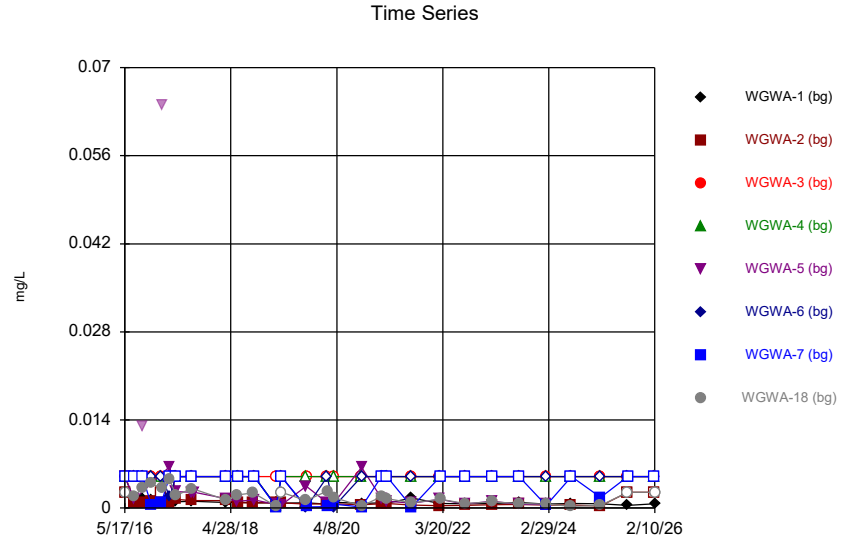
Constituent: Cadmium Analysis Run 4/20/2026 4:32 PM View: Upper Tolerance Limits
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.



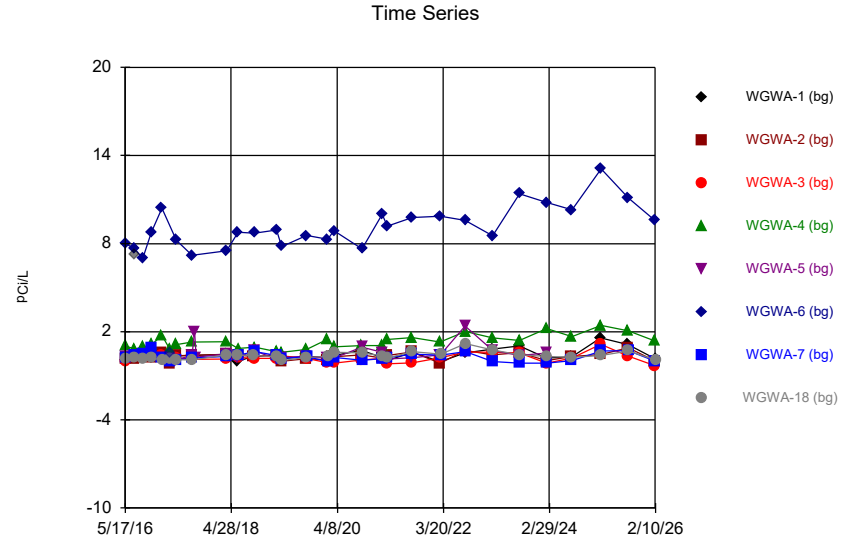
Constituent: Chromium Analysis Run 4/20/2026 4:32 PM View: Upper Tolerance Limits
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.



Constituent: Cobalt Analysis Run 4/20/2026 4:32 PM View: Upper Tolerance Limits
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG



Constituent: Combined Radium 226 + 228 Analysis Run 4/20/2026 4:32 PM View: Upper Tolerance Limits
Plant Wansley Client: Southern Company Data: Wansley AP 1

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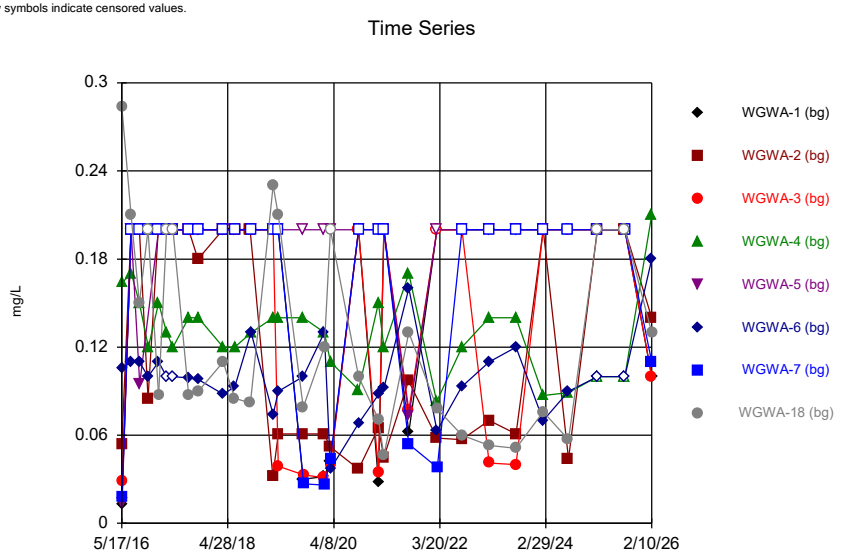
Hollow symbols indicate censored values.



Constituent: Fluoride Analysis Run 4/20/2026 4:32 PM View: Upper Tolerance Limits
Plant Wansley Client: Southern Company Data: Wansley AP 1

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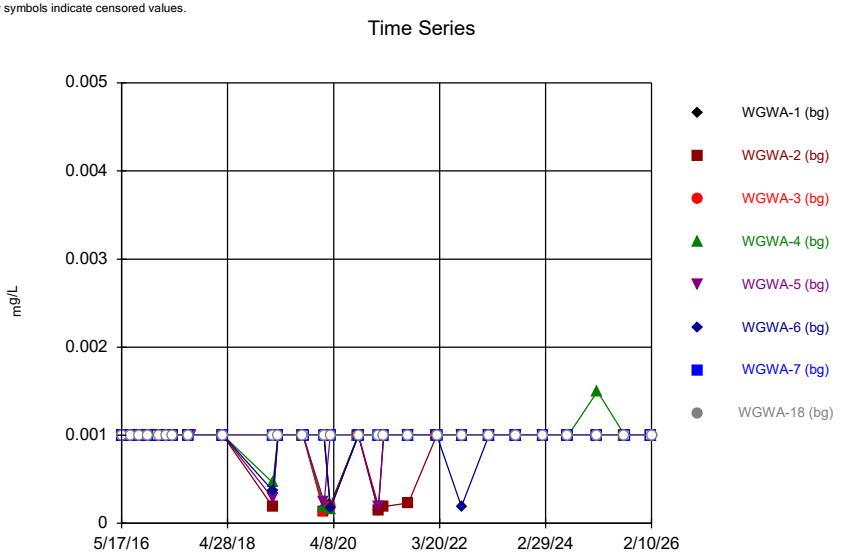
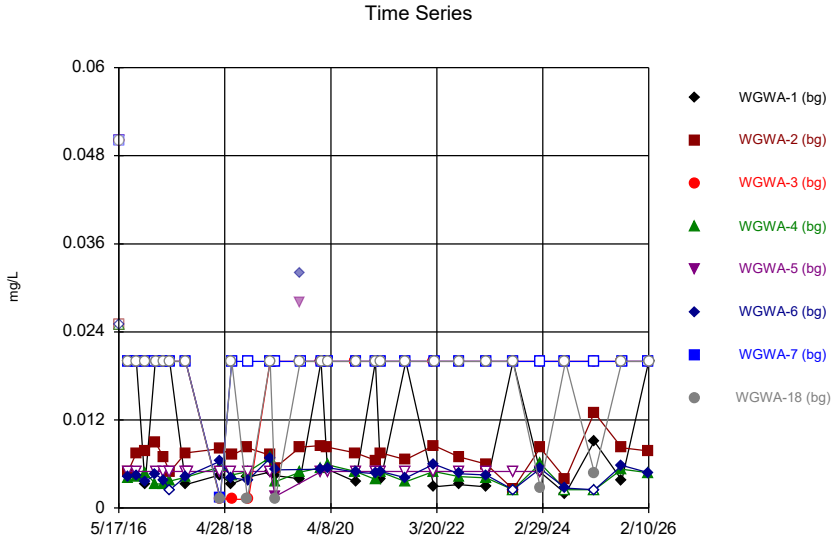
Hollow symbols indicate censored values.



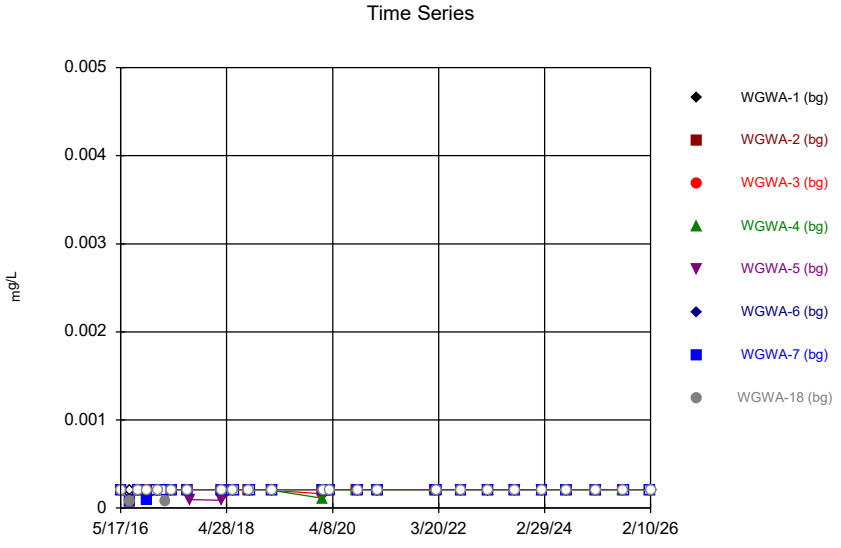
Constituent: Lead Analysis Run 4/20/2026 4:32 PM View: Upper Tolerance Limits
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.



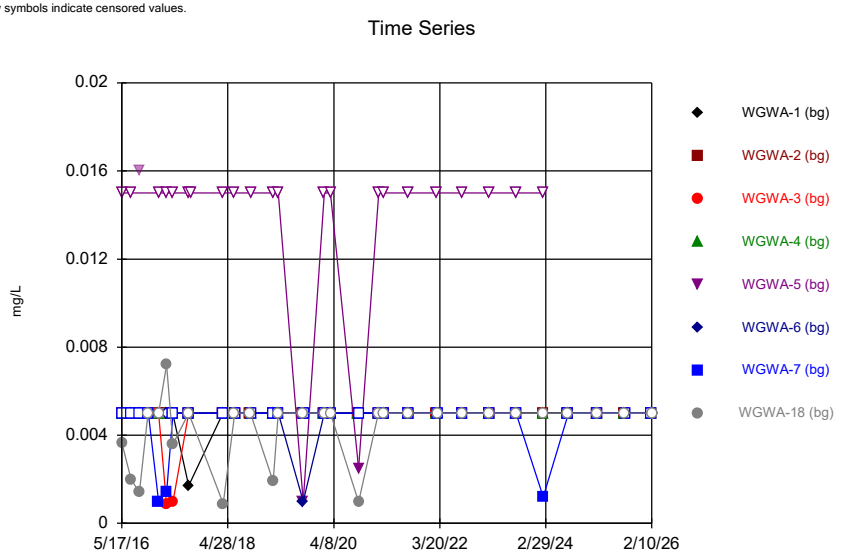
Constituent: Lithium Analysis Run 4/20/2026 4:32 PM View: Upper Tolerance Limits
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.



Constituent: Mercury Analysis Run 4/20/2026 4:32 PM View: Upper Tolerance Limits
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.



Constituent: Molybdenum Analysis Run 4/20/2026 4:32 PM View: Upper Tolerance Limits
Plant Wansley Client: Southern Company Data: Wansley AP 1

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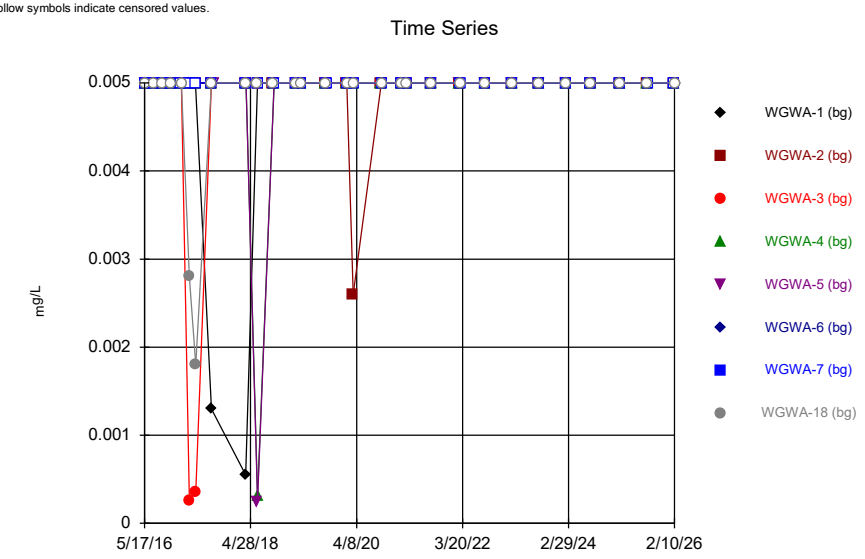
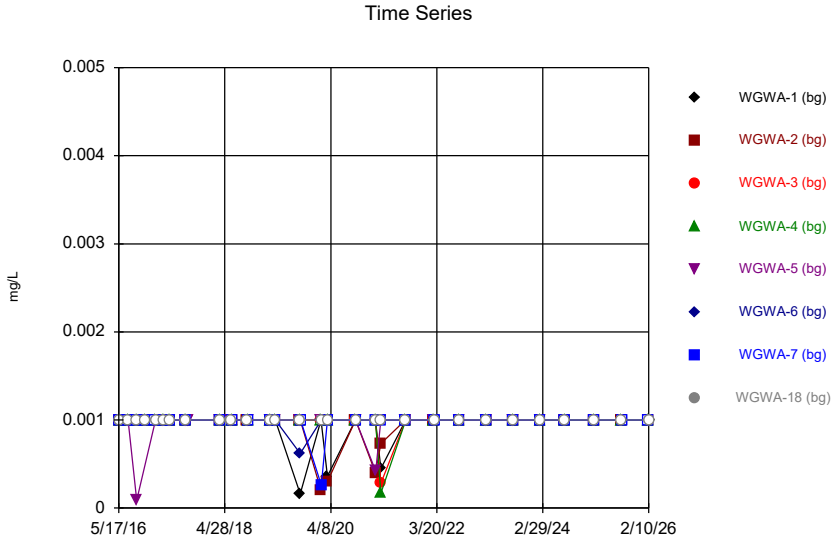
Hollow symbols indicate censored values.



Constituent: Selenium Analysis Run 4/20/2026 4:32 PM View: Upper Tolerance Limits
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.



Constituent: Thallium Analysis Run 4/20/2026 4:32 PM View: Upper Tolerance Limits
Plant Wansley Client: Southern Company Data: Wansley AP 1

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Tolerance Limit

Interwell Non-parametric

Non-parametric test used in lieu of parametric tolerance limit because censored data exceeded 50%. Limit is highest of 180 background values. 98.33% NDs. 99.8% coverage at alpha=0.01; 99.8% coverage at alpha=0.05; 99.8% coverage at alpha=0.5. Report alpha < 0.0001.

Constituent: Antimony Analysis Run 4/20/2026 4:34 PM View: Upper Tolerance Limits

Plant Wansley Client: Southern Company Data: Wansley AP 1

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Tolerance Limit

Interwell Non-parametric

Non-parametric test used in lieu of parametric tolerance limit because censored data exceeded 50%. Limit is highest of 228 background values. 84.21% NDs. 99.8% coverage at alpha=0.01; 99.8% coverage at alpha=0.05; 99.8% coverage at alpha=0.5. Report alpha < 0.0001.

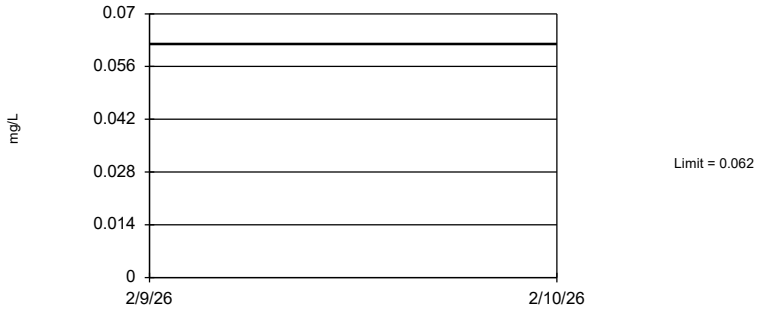
Constituent: Arsenic Analysis Run 4/20/2026 4:34 PM View: Upper Tolerance Limits

Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG

Tolerance Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric tolerance limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 228 background values. 99.8% coverage at alpha=0.01; 99.8% coverage at alpha=0.05; 99.8% coverage at alpha=0.5. Report alpha < 0.0001.

Constituent: Barium Analysis Run 4/20/2026 4:34 PM View: Upper Tolerance Limits

Plant Wansley Client: Southern Company Data: Wansley AP 1

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Tolerance Limit

Interwell Non-parametric

Non-parametric test used in lieu of parametric tolerance limit because censored data exceeded 50%. Limit is highest of 228 background values. 95.18% NDs. 99.8% coverage at alpha=0.01; 99.8% coverage at alpha=0.05; 99.8% coverage at alpha=0.5. Report alpha < 0.0001.

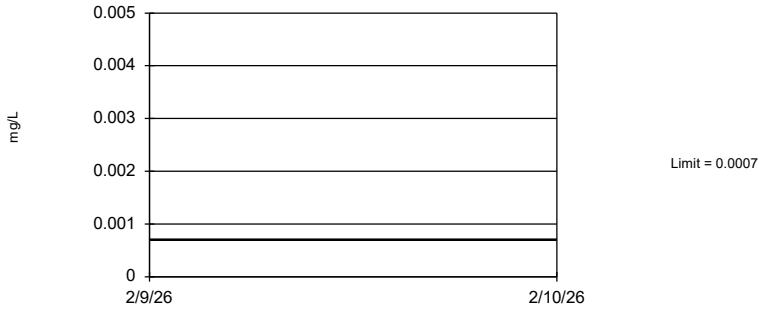
Constituent: Beryllium Analysis Run 4/20/2026 4:34 PM View: Upper Tolerance Limits

Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG

Tolerance Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric tolerance limit because censored data exceeded 50%. All background values were censored; limit is most recent reporting limit. 99.8% coverage at alpha=0.01; 99.8% coverage at alpha=0.05; 99.8% coverage at alpha=0.5. Report alpha < 0.0001.

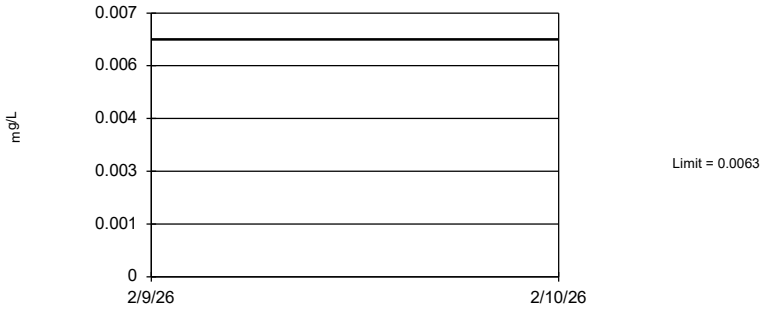
Constituent: Cadmium Analysis Run 4/20/2026 4:34 PM View: Upper Tolerance Limits

Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG

Tolerance Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric tolerance limit because censored data exceeded 50%. Limit is highest of 227 background values. 94.71% NDs. 99.8% coverage at alpha=0.01; 99.8% coverage at alpha=0.05; 99.8% coverage at alpha=0.5. Report alpha < 0.0001.

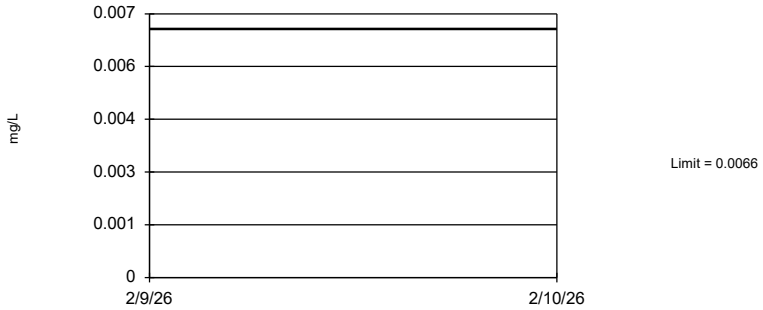
Constituent: Chromium Analysis Run 4/20/2026 4:34 PM View: Upper Tolerance Limits

Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG

Tolerance Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric tolerance limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 226 background values. 49.12% NDs. 99.8% coverage at alpha=0.01; 99.8% coverage at alpha=0.05; 99.8% coverage at alpha=0.5. Report alpha < 0.0001.

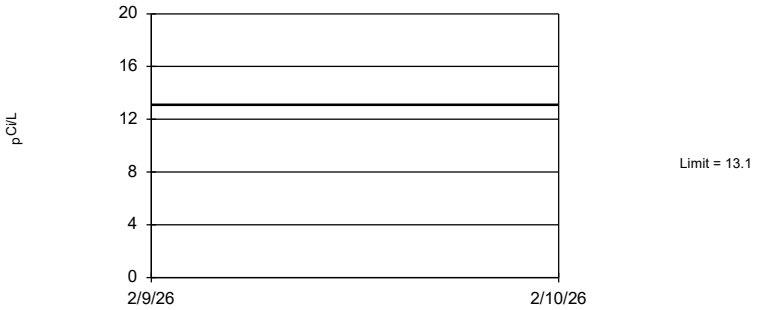
Constituent: Cobalt Analysis Run 4/20/2026 4:34 PM View: Upper Tolerance Limits

Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG

Tolerance Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric tolerance limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 226 background values. 99.8% coverage at alpha=0.01; 99.8% coverage at alpha=0.05; 99.8% coverage at alpha=0.5. Report alpha < 0.0001.

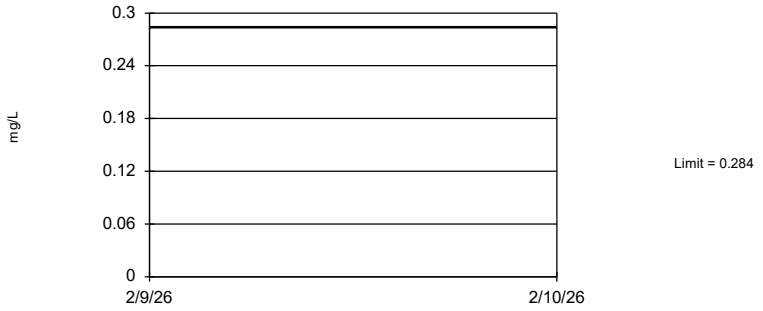
Constituent: Combined Radium 226 + 228 Analysis Run 4/20/2026 4:34 PM View: Upper Tolerance Limits

Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG

Tolerance Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric tolerance limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 236 background values. 47.88% NDs. 99.8% coverage at alpha=0.01; 99.8% coverage at alpha=0.05; 99.8% coverage at alpha=0.5. Report alpha < 0.0001.

Constituent: Fluoride Analysis Run 4/20/2026 4:34 PM View: Upper Tolerance Limits

Plant Wansley Client: Southern Company Data: Wansley AP 1

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Tolerance Limit

Interwell Non-parametric

Non-parametric test used in lieu of parametric tolerance limit because censored data exceeded 50%. Limit is highest of 212 background values. 90.57% NDs. 99.8% coverage at alpha=0.01; 99.8% coverage at alpha=0.05; 99.8% coverage at alpha=0.5. Report alpha < 0.0001.

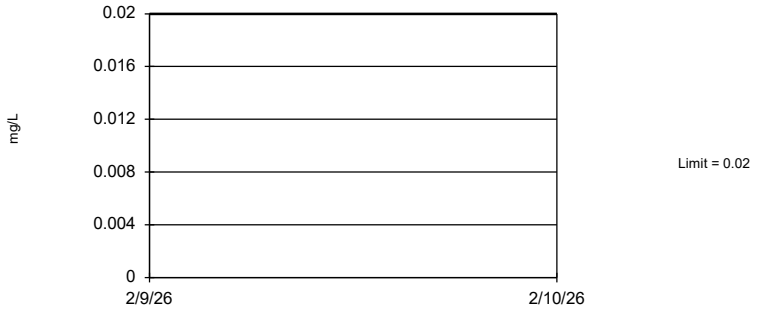
Constituent: Lead Analysis Run 4/20/2026 4:34 PM View: Upper Tolerance Limits

Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG

Tolerance Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric tolerance limit because censored data exceeded 50%. Limit is highest of 218 background values. 51.83% NDs. 99.8% coverage at alpha=0.01; 99.8% coverage at alpha=0.05; 99.8% coverage at alpha=0.5. Report alpha < 0.0001.

Constituent: Lithium Analysis Run 4/20/2026 4:34 PM View: Upper Tolerance Limits

Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG

Tolerance Limit

Interwell Non-parametric

Non-parametric test used in lieu of parametric tolerance limit because censored data exceeded 50%. Limit is highest of 196 background values. 92.35% NDs. 99.8% coverage at alpha=0.01; 99.8% coverage at alpha=0.05; 99.8% coverage at alpha=0.5. Report alpha < 0.0001.

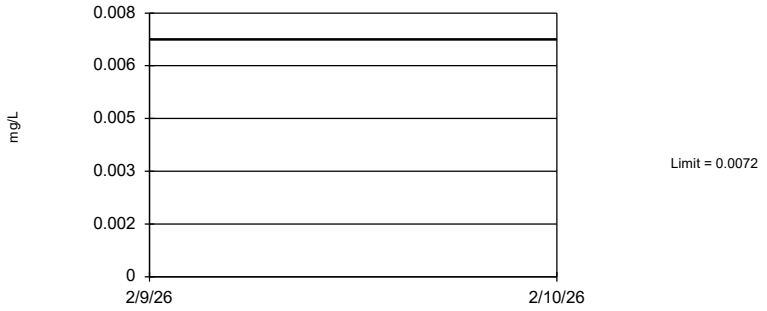
Constituent: Mercury Analysis Run 4/20/2026 4:34 PM View: Upper Tolerance Limits

Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG

Tolerance Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric tolerance limit because censored data exceeded 50%. Limit is highest of 227 background values. 92.51% NDs. 99.8% coverage at alpha=0.01; 99.8% coverage at alpha=0.05; 99.8% coverage at alpha=0.5. Report alpha < 0.0001.

Constituent: Molybdenum Analysis Run 4/20/2026 4:34 PM View: Upper Tolerance Limits

Plant Wansley Client: Southern Company Data: Wansley AP 1

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Tolerance Limit

Interwell Non-parametric

Non-parametric test used in lieu of parametric tolerance limit because censored data exceeded 50%. Limit is highest of 228 background values. 96.05% NDs. 99.8% coverage at alpha=0.01; 99.8% coverage at alpha=0.05; 99.8% coverage at alpha=0.5. Report alpha < 0.0001.

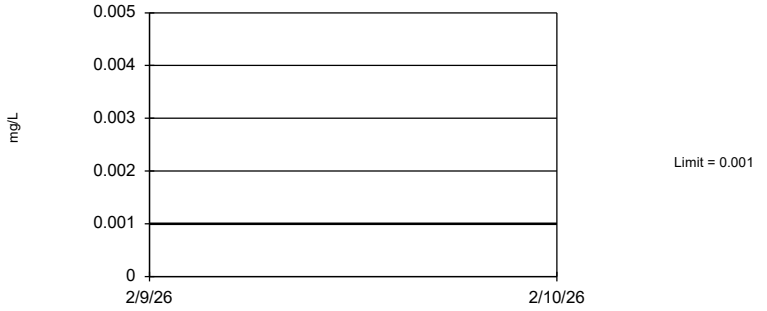
Constituent: Selenium Analysis Run 4/20/2026 4:34 PM View: Upper Tolerance Limits

Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG

Tolerance Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric tolerance limit because censored data exceeded 50%. Limit is highest of 228 background values. 94.3% NDs. 99.8% coverage at alpha=0.01; 99.8% coverage at alpha=0.05; 99.8% coverage at alpha=0.5. Report alpha < 0.0001.

Constituent: Thallium Analysis Run 4/20/2026 4:34 PM View: Upper Tolerance Limits

Plant Wansley Client: Southern Company Data: Wansley AP 1

FIGURE H.

WANSLEY AP GWPS				
Constituent Name	**MCL**	**CCR-Rule Specified**	**Background**	**GWPS**
Antimony, Total (mg/L)	0.006		0.005	0.006
Arsenic, Total (mg/L)	0.01		0.005	0.01
Barium, Total (mg/L)	2		0.062	2
Beryllium, Total (mg/L)	0.004		0.0011	0.004
Cadmium, Total (mg/L)	0.005		0.0007	0.005
Chromium, Total (mg/L)	0.1		0.0063	0.1
Cobalt, Total (mg/L)	n/a	0.006	0.0066	0.0066
Combined Radium, Total (pCi/L)	5		13.1	13.1
Fluoride, Total (mg/L)	4		0.28	4
Lead, Total (mg/L)	n/a	0.015	0.0015	0.015
Lithium, Total (mg/L)	n/a	0.04	0.02	0.04
Mercury, Total (mg/L)	0.002		0.0002	0.002
Molybdenum, Total (mg/L)	n/a	0.1	0.0072	0.1
Selenium, Total (mg/L)	0.05		0.005	0.05
Thallium, Total (mg/L)	0.002		0.001	0.002

GWPS = Groundwater Protection Standard

MCL = Maximum Contaminant Level

CCR = Coal Combustion Residual

Highlighted cells indicate background is higher than established limit.

FIGURE I.

Lithium WGWC-21 Trend Test - All/Significant Result

Plant Wansley Client: Southern Company Data: Wansley AP 1 Printed 4/20/2026, 5:03 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Lithium (mg/L)	**WGWC-21**	**0.01365**	**81**	**37**	**Yes**	**14**	**0**	**n/a**	**n/a**	**0.05**	**NP**

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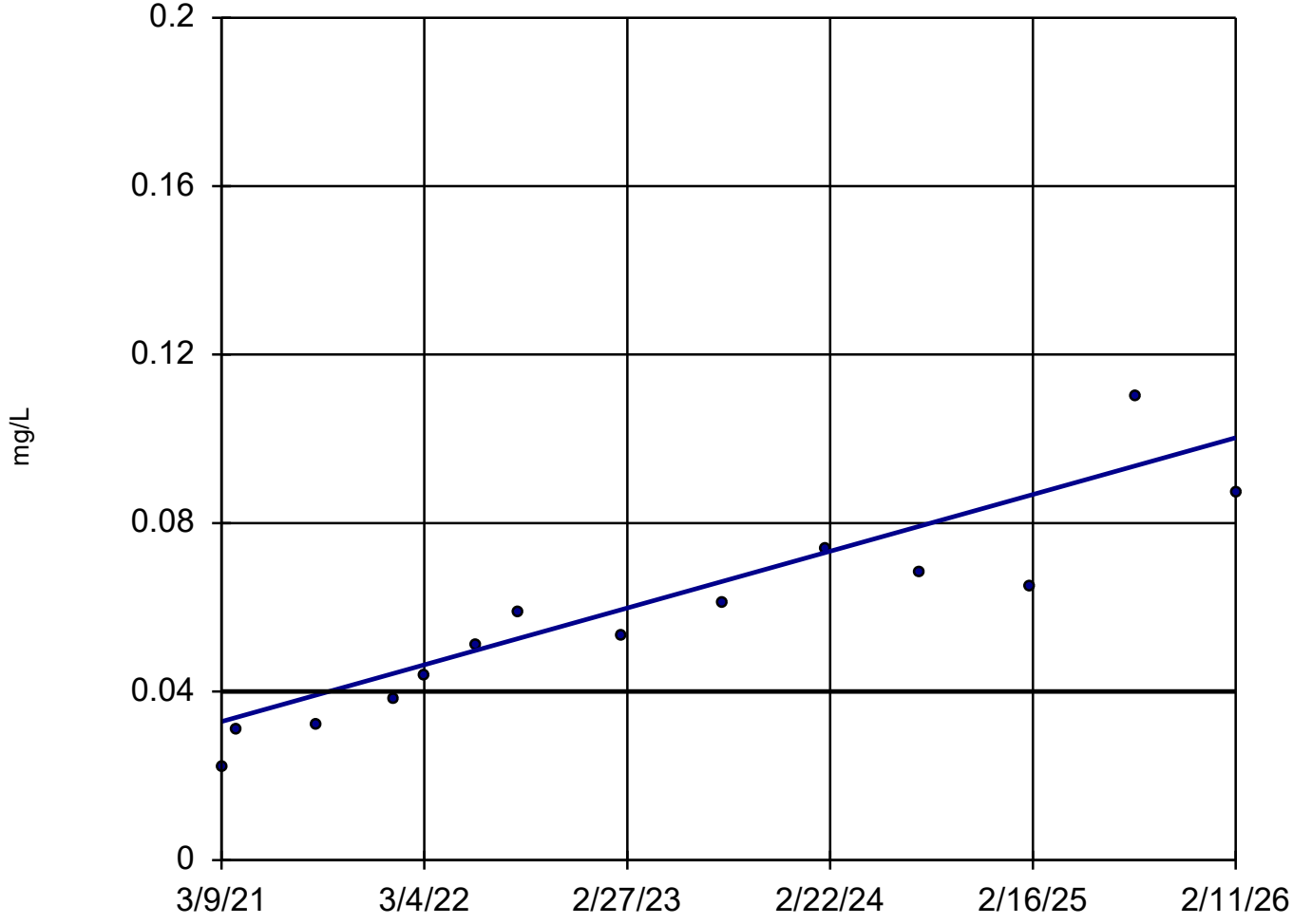
Sen's Slope Estimator

WGWC-21



n = 14

Slope = 0.01365 units per year.

Mann-Kendall statistic = 81
critical = 37

Increasing trend significant at 95% confidence level (α = 0.025 per tail).

GWPS = 0.04.

Constituent: Lithium Analysis Run 4/20/2026 5:02 PM View: Trend Tests

Plant Wansley Client: Southern Company Data: Wansley AP 1

Lithium WGWC-21 Trend Test - Truncated Record - All Results (No Significant)

Plant Wansley Client: Southern Company Data: Wansley AP 1 Printed 4/20/2026, 5:02 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Lithium (mg/L)	**WGWC-21**	**0.01029**	**35**	**23**	**Yes**	**10**	**0**	**n/a**	**n/a**	**0.05**	**NP**

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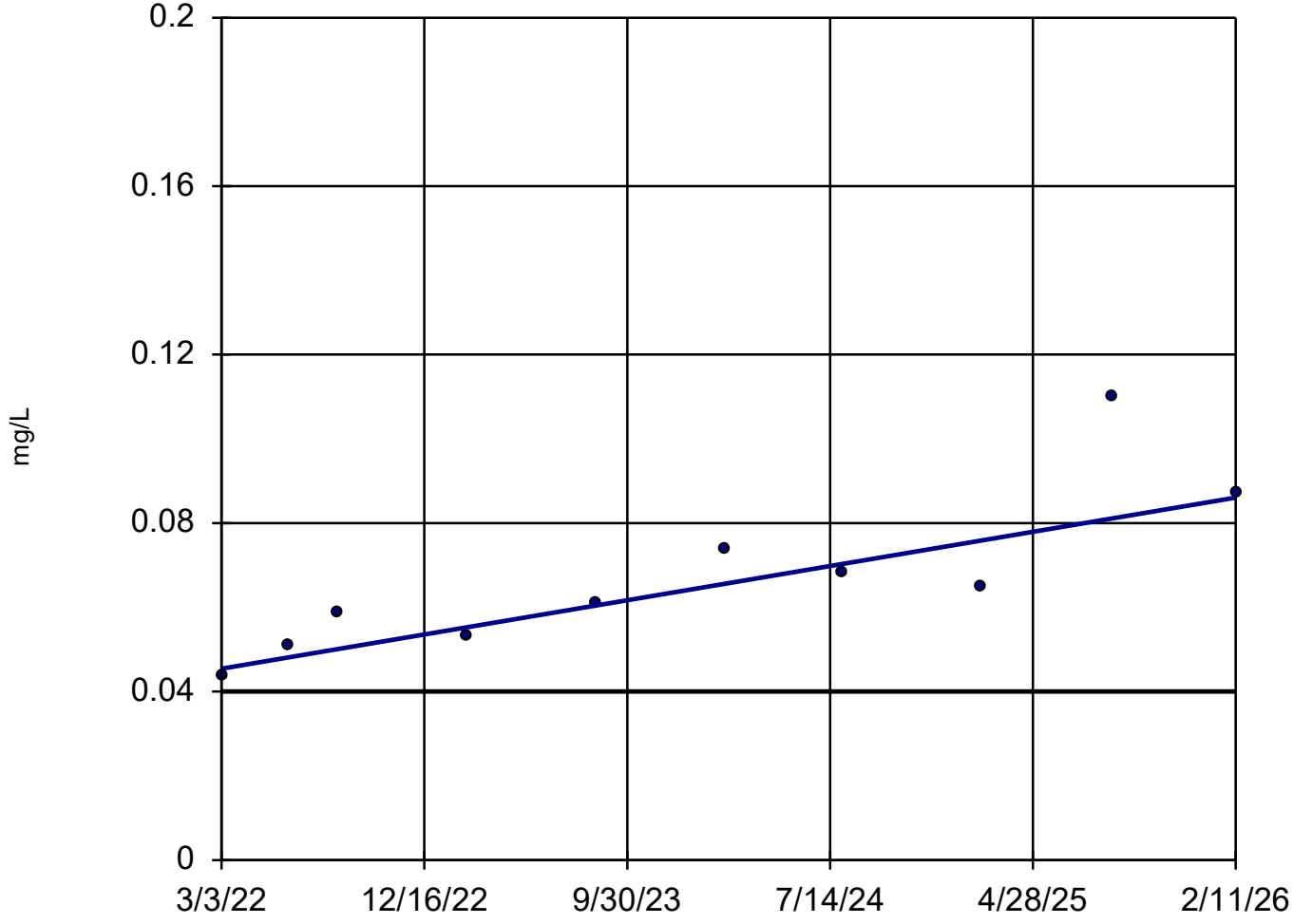
Sen's Slope Estimator

WGWC-21



n = 10

Slope = 0.01029 units per year.

Mann-Kendall statistic = 35
critical = 23

Increasing trend significant at 95% confidence level (α = 0.025 per tail).

GWPS = 0.04.

Constituent: Lithium Analysis Run 4/20/2026 5:01 PM View: Trend Tests

Plant Wansley Client: Southern Company Data: Wansley AP 1

FIGURE J.

Appendix IV Confidence Intervals - Significant Results

Plant Wansley Client: Southern Company Data: Wansley AP 1 Printed 8/17/2026, 1:07 PM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	%NDs	ND Adj.	Transform	Alpha	Method
Beryllium (mg/L)	**WGWC-20**	**0.01115**	**0.009002**	**0.004**	**Yes**	**12**	**0**	**None**	**No**	**0.01**	**Param.**
Beryllium (mg/L)	**WGWC-24**	**0.01029**	**0.004162**	**0.004**	**Yes**	**12**	**0**	**None**	**No**	**0.01**	**Param.**
Cobalt (mg/L)	**WGWC-24**	**0.08103**	**0.02992**	**0.0066**	**Yes**	**12**	**0**	**None**	**sqrt(x)**	**0.01**	**Param.**
Lithium (mg/L)	**WGWC-19**	**0.05785**	**0.05084**	**0.04**	**Yes**	**29**	**0**	**None**	**No**	**0.01**	**Param.**
Lithium (mg/L)	**WGWC-20**	**0.1531**	**0.1189**	**0.04**	**Yes**	**14**	**0**	**None**	**sqrt(x)**	**0.01**	**Param.**
Lithium (mg/L)	**WGWC-21**	**0.0845**	**0.0499**	**0.04**	**Yes**	**10**	**0**	**None**	**No**	**0.01**	**Param.**
Lithium (mg/L)	**WGWC-28D**	**0.47**	**0.18**	**0.04**	**Yes**	**8**	**0**	**None**	**No**	**0.004**	**NP (normality)**

Appendix IV Confidence Intervals - All Results

Plant Wansley Client: Southern Company Data: Wansley AP 1 Printed 8/17/2026, 1:07 PM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	%NDs	ND Adj.	Transform	Alpha	Method
Antimony (mg/L)	WGWC-9	0.0063	0.0043	0.006	No	23	60.87	None	No	0.01	NP (NDs)
Antimony (mg/L)	WGWC-11	0.005	0.00053	0.006	No	23	95.65	None	No	0.01	NP (NDs)
Antimony (mg/L)	WGWC-12	0.005	0.0023	0.006	No	23	95.65	None	No	0.01	NP (NDs)
Antimony (mg/L)	WGWC-19	0.005	0.00058	0.006	No	23	95.65	None	No	0.01	NP (NDs)
Antimony (mg/L)	WGWC-20	0.005	0.00066	0.006	No	12	66.67	None	No	0.01	NP (NDs)
Antimony (mg/L)	WGWC-21	0.005	0.00055	0.006	No	12	66.67	None	No	0.01	NP (NDs)
Antimony (mg/L)	WGWC-22	0.005	0.00076	0.006	No	12	58.33	None	No	0.01	NP (NDs)
Antimony (mg/L)	WGWC-23	0.005	0.0013	0.006	No	12	66.67	None	No	0.01	NP (NDs)
Antimony (mg/L)	WGWC-27	0.005	0.00047	0.006	No	8	62.5	None	No	0.004	NP (NDs)
Antimony (mg/L)	WGWC-28D	0.005	0.00057	0.006	No	6	83.33	None	No	0.0155	NP (NDs)
Antimony (mg/L)	PZ-26D	0.005	0.00038	0.006	No	6	83.33	None	No	0.0155	NP (NDs)
Arsenic (mg/L)	WGWC-9	0.005	0.0017	0.01	No	29	89.66	None	No	0.01	NP (NDs)
Arsenic (mg/L)	WGWC-10	0.005	0.00089	0.01	No	29	82.76	None	No	0.01	NP (NDs)
Arsenic (mg/L)	WGWC-11	0.005	0.00054	0.01	No	29	89.66	None	No	0.01	NP (NDs)
Arsenic (mg/L)	WGWC-12	0.005	0.001	0.01	No	29	86.21	None	No	0.01	NP (NDs)
Arsenic (mg/L)	WGWC-13	0.005	0.00053	0.01	No	29	58.62	None	No	0.01	NP (NDs)
Arsenic (mg/L)	WGWC-14A	0.005	0.0032	0.01	No	29	75.86	None	No	0.01	NP (NDs)
Arsenic (mg/L)	WGWC-15	0.001697	0.001013	0.01	No	29	24.14	Kaplan-Meier	x^(1/3)	0.01	Param.
Arsenic (mg/L)	WGWC-16	0.005	0.0015	0.01	No	29	65.52	Kaplan-Meier	No	0.01	NP (NDs)
Arsenic (mg/L)	WGWC-17	0.005	0.00082	0.01	No	29	65.52	Kaplan-Meier	No	0.01	NP (NDs)
Arsenic (mg/L)	WGWC-20	0.005	0.00033	0.01	No	12	50	None	No	0.01	NP (normality)
Arsenic (mg/L)	WGWC-21	0.005	0.00036	0.01	No	12	58.33	None	No	0.01	NP (NDs)
Arsenic (mg/L)	WGWC-22	0.005	0.00046	0.01	No	12	75	None	No	0.01	NP (NDs)
Arsenic (mg/L)	WGWC-24	0.005	0.00054	0.01	No	12	50	None	No	0.01	NP (normality)
Arsenic (mg/L)	WGWC-25	0.005	0.00096	0.01	No	12	91.67	None	No	0.01	NP (NDs)
Arsenic (mg/L)	WGWC-28D	0.002581	0.001273	0.01	No	6	33.33	Kaplan-Meier	sqrt(x)	0.01	Param.
Arsenic (mg/L)	WAMW-1	0.005	0.00052	0.01	No	4	75	Kaplan-Meier	No	0.0625	NP (NDs)
Arsenic (mg/L)	WAMW-2	0.005	0.00066	0.01	No	4	75	Kaplan-Meier	No	0.0625	NP (NDs)
Barium (mg/L)	WGWC-9	0.01	0.0014	2	No	29	48.28	None	No	0.01	NP (normality)
Barium (mg/L)	WGWC-10	0.0391	0.033	2	No	29	0	None	No	0.01	NP (normality)
Barium (mg/L)	WGWC-11	0.04299	0.03543	2	No	29	0	None	No	0.01	Param.
Barium (mg/L)	WGWC-12	0.018	0.016	2	No	29	0	None	No	0.01	NP (normality)
Barium (mg/L)	WGWC-13	0.05191	0.04361	2	No	29	0	None	No	0.01	Param.
Barium (mg/L)	WGWC-14A	0.038	0.027	2	No	29	0	None	No	0.01	NP (normality)
Barium (mg/L)	WGWC-15	0.02745	0.0226	2	No	29	0	None	No	0.01	Param.
Barium (mg/L)	WGWC-16	0.05194	0.03955	2	No	29	0	None	sqrt(x)	0.01	Param.
Barium (mg/L)	WGWC-17	0.017	0.011	2	No	29	0	None	No	0.01	NP (normality)
Barium (mg/L)	WGWC-19	0.0077	0.0013	2	No	29	27.59	None	No	0.01	NP (normality)
Barium (mg/L)	WGWC-20	0.01	0.00049	2	No	12	75	None	No	0.01	NP (NDs)
Barium (mg/L)	WGWC-21	0.006989	0.004111	2	No	12	0	None	No	0.01	Param.
Barium (mg/L)	WGWC-22	0.0344	0.02143	2	No	12	0	None	No	0.01	Param.
Barium (mg/L)	WGWC-23	0.01068	0.006457	2	No	12	0	None	No	0.01	Param.
Barium (mg/L)	WGWC-24	0.05142	0.03408	2	No	12	0	None	No	0.01	Param.
Barium (mg/L)	WGWC-25	0.3498	0.2069	2	No	12	0	None	No	0.01	Param.
Barium (mg/L)	WGWC-27	0.004704	0.002696	2	No	8	0	None	No	0.01	Param.
Barium (mg/L)	WGWC-28D	0.01728	0.007516	2	No	6	0	None	No	0.01	Param.
Barium (mg/L)	WAMW-1	0.05498	0	2	No	4	0	None	No	0.01	Param.
Barium (mg/L)	WAMW-2	0.01829	0.0006131	2	No	4	0	None	No	0.01	Param.
Barium (mg/L)	PZ-26D	0.02943	0.0159	2	No	6	0	None	No	0.01	Param.
Beryllium (mg/L)	WGWC-9	0.00056	0.00036	0.004	No	29	31.03	None	No	0.01	NP (normality)
Beryllium (mg/L)	WGWC-14A	0.001	0.00026	0.004	No	29	58.62	None	No	0.01	NP (NDs)
Beryllium (mg/L)	WGWC-16	0.001	0.00022	0.004	No	29	96.55	None	No	0.01	NP (NDs)
Beryllium (mg/L)	**WGWC-20**	**0.01115**	**0.009002**	**0.004**	**Yes**	**12**	**0**	**None**	**No**	**0.01**	**Param.**
Beryllium (mg/L)	WGWC-21	0.0025	0.00021	0.004	No	12	41.67	None	No	0.01	NP (normality)
Beryllium (mg/L)	WGWC-22	0.0006591	0.0005476	0.004	No	12	0	None	No	0.01	Param.
Beryllium (mg/L)	WGWC-23	0.001341	0.0009818	0.004	No	12	0	None	No	0.01	Param.
Beryllium (mg/L)	**WGWC-24**	**0.01029**	**0.004162**	**0.004**	**Yes**	**12**	**0**	**None**	**No**	**0.01**	**Param.**
Beryllium (mg/L)	WGWC-25	0.001	0.0002	0.004	No	12	50	None	No	0.01	NP (normality)
Beryllium (mg/L)	WGWC-27	0.001258	0.0005531	0.004	No	8	0	None	x^2	0.01	Param.
Beryllium (mg/L)	WGWC-28D	0.002344	0.0009657	0.004	No	6	0	None	No	0.01	Param.
Beryllium (mg/L)	WAMW-2	0.001	0.0002	0.004	No	4	75	None	No	0.0625	NP (NDs)
Cadmium (mg/L)	WGWC-10	0.0007	0.00021	0.005	No	27	96.3	None	No	0.01	NP (NDs)
Cadmium (mg/L)	WGWC-16	0.0007	0.00054	0.005	No	27	48.15	None	No	0.01	NP (normality)
Cadmium (mg/L)	WGWC-20	0.0007	0.00022	0.005	No	12	41.67	None	No	0.01	NP (normality)
Cadmium (mg/L)	WGWC-22	0.0007	0.00011	0.005	No	12	58.33	None	No	0.01	NP (NDs)

Appendix IV Confidence Intervals - All Results

Plant Wansley Client: Southern Company Data: Wansley AP 1 Printed 8/17/2026, 1:07 PM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	%NDs	ND Adj.	Transform	Alpha	Method
Cadmium (mg/L)	WGWC-24	0.0004196	0.0001376	0.005	No	12	16.67	Kaplan-Meier	No	0.01	Param.
Cadmium (mg/L)	WGWC-25	0.0007	0.00012	0.005	No	12	83.33	Kaplan-Meier	No	0.01	NP (NDs)
Cadmium (mg/L)	WGWC-27	0.0007	0.00008	0.005	No	8	87.5	None	No	0.004	NP (NDs)
Chromium (mg/L)	WGWC-9	0.005	0.0025	0.1	No	29	93.1	None	No	0.01	NP (NDs)
Chromium (mg/L)	WGWC-10	0.00213	0.001535	0.1	No	29	17.24	Kaplan-Meier	sqrt(x)	0.01	Param.
Chromium (mg/L)	WGWC-11	0.005	0.0021	0.1	No	29	86.21	Kaplan-Meier	No	0.01	NP (NDs)
Chromium (mg/L)	WGWC-13	0.005	0.0019	0.1	No	29	86.21	Kaplan-Meier	No	0.01	NP (NDs)
Chromium (mg/L)	WGWC-14A	0.005	0.0017	0.1	No	29	96.55	Kaplan-Meier	No	0.01	NP (NDs)
Chromium (mg/L)	WGWC-15	0.005	0.0015	0.1	No	29	96.55	Kaplan-Meier	No	0.01	NP (NDs)
Chromium (mg/L)	WGWC-21	0.005	0.0015	0.1	No	12	91.67	None	No	0.01	NP (NDs)
Chromium (mg/L)	WGWC-23	0.005	0.0017	0.1	No	12	91.67	None	No	0.01	NP (NDs)
Chromium (mg/L)	WGWC-28D	0.005	0.002	0.1	No	6	83.33	None	No	0.0155	NP (NDs)
Chromium (mg/L)	WAMW-1	0.005	0.0012	0.1	No	4	75	None	No	0.0625	NP (NDs)
Cobalt (mg/L)	WGWC-9	0.005	0.00073	0.0066	No	29	96.55	None	No	0.01	NP (NDs)
Cobalt (mg/L)	WGWC-10	0.0035	0.00062	0.0066	No	29	24.14	None	No	0.01	NP (normality)
Cobalt (mg/L)	WGWC-11	0.005	0.00069	0.0066	No	29	48.28	None	No	0.01	NP (normality)
Cobalt (mg/L)	WGWC-12	0.00084	0.0004348	0.0066	No	29	6.897	None	ln(x)	0.01	Param.
Cobalt (mg/L)	WGWC-13	0.005	0.0008	0.0066	No	29	75.86	None	No	0.01	NP (NDs)
Cobalt (mg/L)	WGWC-14A	0.007248	0.003512	0.0066	No	29	0	None	sqrt(x)	0.01	Param.
Cobalt (mg/L)	WGWC-15	0.005	0.00015	0.0066	No	29	96.55	None	No	0.01	NP (NDs)
Cobalt (mg/L)	WGWC-16	0.0092	0.0035	0.0066	No	29	37.93	None	No	0.01	NP (normality)
Cobalt (mg/L)	WGWC-17	0.0009735	0.0004936	0.0066	No	29	27.59	Kaplan-Meier	ln(x)	0.01	Param.
Cobalt (mg/L)	WGWC-19	0.005	0.00025	0.0066	No	29	48.28	None	No	0.01	NP (normality)
Cobalt (mg/L)	WGWC-20	0.005	0.00046	0.0066	No	12	83.33	None	No	0.01	NP (NDs)
Cobalt (mg/L)	WGWC-21	0.005	0.00039	0.0066	No	12	58.33	None	No	0.01	NP (NDs)
Cobalt (mg/L)	WGWC-22	0.005	0.00034	0.0066	No	12	75	None	No	0.01	NP (NDs)
Cobalt (mg/L)	WGWC-23	0.005	0.00017	0.0066	No	12	75	None	No	0.01	NP (NDs)
Cobalt (mg/L)	**WGWC-24**	**0.08103**	**0.02992**	**0.0066**	**Yes**	**12**	**0**	**None**	**sqrt(x)**	**0.01**	**Param.**
Cobalt (mg/L)	WGWC-25	0.008032	0.004651	0.0066	No	12	0	None	No	0.01	Param.
Cobalt (mg/L)	WGWC-27	0.002245	0.001305	0.0066	No	8	0	None	No	0.01	Param.
Cobalt (mg/L)	WGWC-28D	0.005	0.00024	0.0066	No	6	50	None	No	0.0155	NP (normality)
Cobalt (mg/L)	WAMW-1	0.002508	0.0006919	0.0066	No	4	50	Kaplan-Meier	No	0.01	Param.
Cobalt (mg/L)	WAMW-2	0.001307	0.0003987	0.0066	No	4	50	Kaplan-Meier	sqrt(x)	0.01	Param.
Cobalt (mg/L)	PZ-26D	0.01524	0	0.0066	No	6	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	WGWC-9	0.488	0.157	13.1	No	29	0	None	No	0.01	NP (normality)
Combined Radium 226 + 228 (pCi/L)	WGWC-10	0.5023	0.223	13.1	No	29	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	WGWC-11	0.5941	0.2335	13.1	No	29	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	WGWC-12	0.6061	0.2767	13.1	No	29	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	WGWC-13	0.7335	0.4675	13.1	No	29	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	WGWC-14A	0.7919	0.5547	13.1	No	29	0	None	sqrt(x)	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	WGWC-15	0.7122	0.3778	13.1	No	29	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	WGWC-16	1.399	0.7411	13.1	No	29	0	None	sqrt(x)	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	WGWC-17	0.5488	0.2391	13.1	No	29	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	WGWC-19	0.523	0.2	13.1	No	29	0	None	No	0.01	NP (normality)
Combined Radium 226 + 228 (pCi/L)	WGWC-20	1.177	0.6897	13.1	No	12	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	WGWC-21	1.962	0.8904	13.1	No	12	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	WGWC-22	6.059	3.976	13.1	No	12	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	WGWC-23	1.493	0.5674	13.1	No	12	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	WGWC-24	1.317	0.7973	13.1	No	12	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	WGWC-25	1.124	0.6022	13.1	No	12	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	WGWC-27	5.548	1.528	13.1	No	8	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	WGWC-28D	14.9	6.161	13.1	No	6	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	WAMW-1	1.286	0.002391	13.1	No	4	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	WAMW-2	1.839	0.04898	13.1	No	4	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	PZ-26D	1.362	0.5144	13.1	No	6	0	None	No	0.01	Param.
Fluoride (mg/L)	WGWC-9	1.348	1.034	4	No	30	0	None	No	0.01	Param.
Fluoride (mg/L)	WGWC-10	0.1687	0.1223	4	No	30	6.667	None	No	0.01	Param.
Fluoride (mg/L)	WGWC-11	0.2	0.048	4	No	30	53.33	None	No	0.01	NP (NDs)
Fluoride (mg/L)	WGWC-12	0.1038	0.07351	4	No	30	16.67	Kaplan-Meier	sqrt(x)	0.01	Param.
Fluoride (mg/L)	WGWC-13	0.2612	0.1951	4	No	30	6.667	None	No	0.01	Param.
Fluoride (mg/L)	WGWC-14A	0.2	0.071	4	No	30	63.33	None	No	0.01	NP (NDs)
Fluoride (mg/L)	WGWC-15	0.8412	0.7594	4	No	30	0	None	No	0.01	Param.
Fluoride (mg/L)	WGWC-16	0.1301	0.07333	4	No	30	16.67	Kaplan-Meier	ln(x)	0.01	Param.
Fluoride (mg/L)	WGWC-17	0.1294	0.08629	4	No	30	10	None	No	0.01	Param.
Fluoride (mg/L)	WGWC-19	0.374	0.3211	4	No	30	0	None	x^2	0.01	Param.

Appendix IV Confidence Intervals - All Results

Plant Wansley Client: Southern Company Data: Wansley AP 1 Printed 8/17/2026, 1:07 PM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	%NDs	ND Adj.	Transform	Alpha	Method
Fluoride (mg/L)	WGWC-20	2.166	1.603	4	No	14	14.29	None	x^3	0.01	Param.
Fluoride (mg/L)	WGWC-21	1.993	1.554	4	No	14	14.29	None	x^3	0.01	Param.
Fluoride (mg/L)	WGWC-22	0.6128	0.2111	4	No	14	14.29	None	x^(1/3)	0.01	Param.
Fluoride (mg/L)	WGWC-23	0.09867	0.04649	4	No	14	14.29	None	sqrt(x)	0.01	Param.
Fluoride (mg/L)	WGWC-24	0.7702	0.2248	4	No	14	14.29	None	sqrt(x)	0.01	Param.
Fluoride (mg/L)	WGWC-25	0.2	0.038	4	No	14	57.14	None	No	0.01	NP (NDs)
Fluoride (mg/L)	WGWC-27	1.15	0.4054	4	No	8	12.5	None	No	0.01	Param.
Fluoride (mg/L)	WGWC-28D	2.811	0.2416	4	No	8	37.5	Kaplan-Meier	sqrt(x)	0.01	Param.
Fluoride (mg/L)	WAMW-1	0.6625	0.1655	4	No	5	20	Kaplan-Meier	No	0.01	Param.
Fluoride (mg/L)	WAMW-2	0.5559	0.09606	4	No	5	0	None	No	0.01	Param.
Fluoride (mg/L)	PZ-26D	0.3176	0.1349	4	No	8	12.5	None	No	0.01	Param.
Lead (mg/L)	WGWC-9	0.001	0.00014	0.015	No	27	96.3	None	No	0.01	NP (NDs)
Lead (mg/L)	WGWC-10	0.001	0.00026	0.015	No	27	59.26	None	No	0.01	NP (NDs)
Lead (mg/L)	WGWC-11	0.001	0.00058	0.015	No	27	85.19	None	No	0.01	NP (NDs)
Lead (mg/L)	WGWC-12	0.001	0.00033	0.015	No	27	96.3	None	No	0.01	NP (NDs)
Lead (mg/L)	WGWC-13	0.001	0.00038	0.015	No	27	40.74	None	No	0.01	NP (normality)
Lead (mg/L)	WGWC-14A	0.001	0.00031	0.015	No	27	62.96	None	No	0.01	NP (NDs)
Lead (mg/L)	WGWC-15	0.001	0.0003	0.015	No	27	96.3	None	No	0.01	NP (NDs)
Lead (mg/L)	WGWC-16	0.001	0.00014	0.015	No	27	92.59	None	No	0.01	NP (NDs)
Lead (mg/L)	WGWC-17	0.001	0.00033	0.015	No	27	92.59	None	No	0.01	NP (NDs)
Lead (mg/L)	WGWC-19	0.001	0.0003	0.015	No	27	96.3	None	No	0.01	NP (NDs)
Lead (mg/L)	WGWC-22	0.001	0.00023	0.015	No	12	58.33	None	No	0.01	NP (NDs)
Lead (mg/L)	WGWC-23	0.002	0.001	0.015	No	12	83.33	None	No	0.01	NP (NDs)
Lead (mg/L)	WGWC-24	0.0007536	0.0003304	0.015	No	12	16.67	Kaplan-Meier	No	0.01	Param.
Lead (mg/L)	WGWC-25	0.001	0.00065	0.015	No	12	91.67	Kaplan-Meier	No	0.01	NP (NDs)
Lead (mg/L)	WGWC-28D	0.001	0.00022	0.015	No	6	83.33	Kaplan-Meier	No	0.0155	NP (NDs)
Lead (mg/L)	PZ-26D	0.001	0.001	0.015	No	6	83.33	Kaplan-Meier	No	0.0155	NP (NDs)
Lithium (mg/L)	WGWC-9	0.03619	0.03178	0.04	No	29	0	None	No	0.01	Param.
Lithium (mg/L)	WGWC-10	0.01109	0.005769	0.04	No	29	3.448	None	sqrt(x)	0.01	Param.
Lithium (mg/L)	WGWC-11	0.02	0.0025	0.04	No	29	82.76	None	No	0.01	NP (NDs)
Lithium (mg/L)	WGWC-12	0.0077	0.0061	0.04	No	29	3.448	None	No	0.01	NP (normality)
Lithium (mg/L)	WGWC-13	0.02	0.0038	0.04	No	29	72.41	None	No	0.01	NP (NDs)
Lithium (mg/L)	WGWC-14A	0.02	0.0035	0.04	No	29	68.97	None	No	0.01	NP (NDs)
Lithium (mg/L)	WGWC-15	0.00735	0.005602	0.04	No	29	6.897	None	No	0.01	Param.
Lithium (mg/L)	WGWC-16	0.009385	0.006249	0.04	No	29	13.79	None	No	0.01	Param.
Lithium (mg/L)	WGWC-17	0.0058	0.0044	0.04	No	29	3.448	None	No	0.01	NP (normality)
Lithium (mg/L)	**WGWC-19**	**0.05785**	**0.05084**	**0.04**	**Yes**	**29**	**0**	**None**	**No**	**0.01**	**Param.**
Lithium (mg/L)	**WGWC-20**	**0.1531**	**0.1189**	**0.04**	**Yes**	**14**	**0**	**None**	**sqrt(x)**	**0.01**	**Param.**
Lithium (mg/L)	**WGWC-21**	**0.0845**	**0.0499**	**0.04**	**Yes**	**10**	**0**	**None**	**No**	**0.01**	**Param.**
Lithium (mg/L)	WGWC-22	0.011	0.0069	0.04	No	14	0	None	No	0.01	NP (normality)
Lithium (mg/L)	WGWC-23	0.02	0.002	0.04	No	14	57.14	None	No	0.01	NP (NDs)
Lithium (mg/L)	WGWC-24	0.007229	0.004243	0.04	No	14	0	None	No	0.01	Param.
Lithium (mg/L)	WGWC-25	0.004797	0.003289	0.04	No	14	14.29	None	No	0.01	Param.
Lithium (mg/L)	WGWC-27	0.03706	0.01699	0.04	No	8	0	None	No	0.01	Param.
Lithium (mg/L)	**WGWC-28D**	**0.47**	**0.18**	**0.04**	**Yes**	**8**	**0**	**None**	**No**	**0.004**	**NP (normality)**
Lithium (mg/L)	WAMW-1	0.05669	0.005712	0.04	No	5	20	Kaplan-Meier	No	0.01	Param.
Lithium (mg/L)	WAMW-2	0.03657	0.01623	0.04	No	5	0	None	No	0.01	Param.
Lithium (mg/L)	PZ-26D	0.03615	0.02418	0.04	No	6	0	None	No	0.01	Param.
Mercury (mg/L)	WGWC-9	0.0002	0.00013	0.002	No	25	96	None	No	0.01	NP (NDs)
Mercury (mg/L)	WGWC-10	0.0002	0.00013	0.002	No	25	84	None	No	0.01	NP (NDs)
Mercury (mg/L)	WGWC-11	0.0002	0.00011	0.002	No	25	92	None	No	0.01	NP (NDs)
Mercury (mg/L)	WGWC-12	0.0002	0.00018	0.002	No	25	84	None	No	0.01	NP (NDs)
Mercury (mg/L)	WGWC-13	0.0002	0.000083	0.002	No	25	92	None	No	0.01	NP (NDs)
Mercury (mg/L)	WGWC-14A	0.0002	0.00013	0.002	No	25	96	None	No	0.01	NP (NDs)
Mercury (mg/L)	WGWC-15	0.0002	0.000093	0.002	No	25	84	None	No	0.01	NP (NDs)
Mercury (mg/L)	WGWC-16	0.0002	0.00019	0.002	No	25	88	None	No	0.01	NP (NDs)
Mercury (mg/L)	WGWC-17	0.0002	0.000074	0.002	No	25	96	None	No	0.01	NP (NDs)
Mercury (mg/L)	WGWC-19	0.0002	0.00012	0.002	No	25	92	None	No	0.01	NP (NDs)
Mercury (mg/L)	WGWC-20	0.00033	0.0002	0.002	No	12	91.67	None	No	0.01	NP (NDs)
Mercury (mg/L)	WGWC-21	0.0002	0.0002	0.002	No	12	91.67	None	No	0.01	NP (NDs)
Mercury (mg/L)	WGWC-22	0.0002	0.00018	0.002	No	12	91.67	None	No	0.01	NP (NDs)
Mercury (mg/L)	WGWC-23	0.00022	0.0002	0.002	No	12	91.67	None	No	0.01	NP (NDs)
Mercury (mg/L)	WGWC-24	0.00026	0.0002	0.002	No	12	91.67	None	No	0.01	NP (NDs)
Mercury (mg/L)	WGWC-25	0.0019	0.0002	0.002	No	12	91.67	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	WGWC-9	0.0048	0.0028	0.1	No	29	0	None	No	0.01	NP (normality)

Appendix IV Confidence Intervals - All Results

Plant Wansley Client: Southern Company Data: Wansley AP 1 Printed 8/17/2026, 1:07 PM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	%NDs	ND Adj.	Transform	Alpha	Method
Molybdenum (mg/L)	WGWC-10	0.005	0.00093	0.1	No	29	93.1	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	WGWC-11	0.005	0.0017	0.1	No	29	93.1	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	WGWC-12	0.005	0.0046	0.1	No	29	75.86	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	WGWC-13	0.0025	0.0012	0.1	No	29	10.34	None	No	0.01	NP (normality)
Molybdenum (mg/L)	WGWC-14A	0.005	0.001	0.1	No	29	96.55	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	WGWC-15	0.004723	0.002868	0.1	No	29	0	None	ln(x)	0.01	Param.
Molybdenum (mg/L)	WGWC-17	0.0044	0.0023	0.1	No	29	0	None	No	0.01	NP (normality)
Molybdenum (mg/L)	WGWC-19	0.0022	0.0012	0.1	No	29	24.14	None	No	0.01	NP (normality)
Molybdenum (mg/L)	WGWC-20	0.015	0.00079	0.1	No	12	58.33	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	WGWC-21	0.0375	0.02717	0.1	No	12	0	None	No	0.01	Param.
Molybdenum (mg/L)	WGWC-22	0.0082	0.00084	0.1	No	12	83.33	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	WGWC-28D	0.018	0.0082	0.1	No	6	0	None	No	0.0155	NP (normality)
Molybdenum (mg/L)	WAMW-1	0.015	0.0023	0.1	No	4	25	None	No	0.0625	NP (normality)
Molybdenum (mg/L)	WAMW-2	0.005	0.0023	0.1	No	4	75	None	No	0.0625	NP (NDs)
Molybdenum (mg/L)	PZ-26D	0.002813	0.002387	0.1	No	6	0	None	No	0.01	Param.
Selenium (mg/L)	WGWC-9	0.002885	0.002368	0.05	No	29	0	None	No	0.01	Param.
Selenium (mg/L)	WGWC-10	0.005	0.00031	0.05	No	29	96.55	None	No	0.01	NP (NDs)
Selenium (mg/L)	WGWC-11	0.005	0.00049	0.05	No	29	96.55	None	No	0.01	NP (NDs)
Selenium (mg/L)	WGWC-12	0.005	0.0021	0.05	No	29	96.55	None	No	0.01	NP (NDs)
Selenium (mg/L)	WGWC-14A	0.005	0.0003	0.05	No	29	96.55	None	No	0.01	NP (NDs)
Selenium (mg/L)	WGWC-15	0.005	0.0005	0.05	No	29	96.55	None	No	0.01	NP (NDs)
Selenium (mg/L)	WGWC-16	0.005746	0.002757	0.05	No	29	17.24	Kaplan-Meier	sqrt(x)	0.01	Param.
Selenium (mg/L)	WGWC-19	0.005	0.00036	0.05	No	29	96.55	Kaplan-Meier	No	0.01	NP (NDs)
Selenium (mg/L)	WGWC-20	0.00325	0.001734	0.05	No	12	8.333	None	No	0.01	Param.
Selenium (mg/L)	WGWC-22	0.005916	0.003284	0.05	No	12	0	None	No	0.01	Param.
Selenium (mg/L)	WGWC-23	0.00277	0.001963	0.05	No	12	8.333	None	No	0.01	Param.
Selenium (mg/L)	WGWC-24	0.005	0.00077	0.05	No	12	91.67	None	No	0.01	NP (NDs)
Selenium (mg/L)	WGWC-28D	0.0066	0.0023	0.05	No	6	66.67	None	No	0.0155	NP (NDs)
Thallium (mg/L)	WGWC-10	0.001	0.000085	0.002	No	29	96.55	None	No	0.01	NP (NDs)
Thallium (mg/L)	WGWC-11	0.001	0.00049	0.002	No	29	93.1	None	No	0.01	NP (NDs)
Thallium (mg/L)	WGWC-12	0.0042	0.001	0.002	No	29	96.55	None	No	0.01	NP (NDs)
Thallium (mg/L)	WGWC-14A	0.001	0.00019	0.002	No	29	58.62	None	No	0.01	NP (NDs)
Thallium (mg/L)	WGWC-15	0.001	0.00025	0.002	No	29	96.55	None	No	0.01	NP (NDs)
Thallium (mg/L)	WGWC-16	0.001	0.00019	0.002	No	29	58.62	None	No	0.01	NP (NDs)
Thallium (mg/L)	WGWC-19	0.001	0.00018	0.002	No	29	96.55	None	No	0.01	NP (NDs)
Thallium (mg/L)	WGWC-22	0.001	0.00047	0.002	No	12	91.67	None	No	0.01	NP (NDs)
Thallium (mg/L)	WGWC-24	0.0005722	0.0003328	0.002	No	12	8.333	None	No	0.01	Param.
Thallium (mg/L)	WAMW-1	0.001	0.00025	0.002	No	4	75	None	No	0.0625	NP (NDs)

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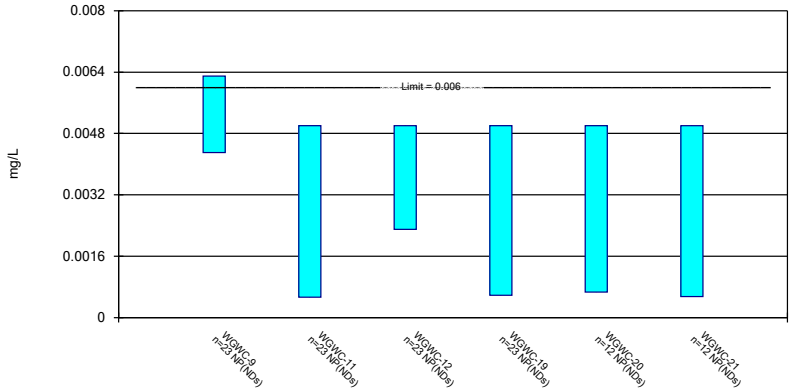
Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.



Constituent: Antimony Analysis Run 8/17/2026 1:04 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

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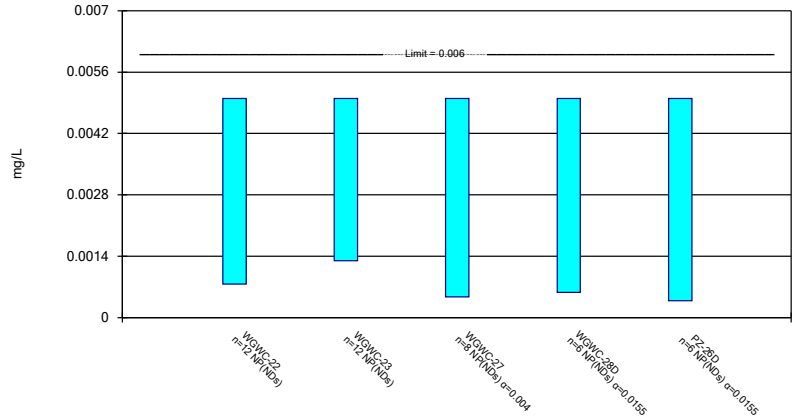
Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01 except as noted.



Constituent: Antimony Analysis Run 8/17/2026 1:05 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

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Non-Parametric Confidence Interval

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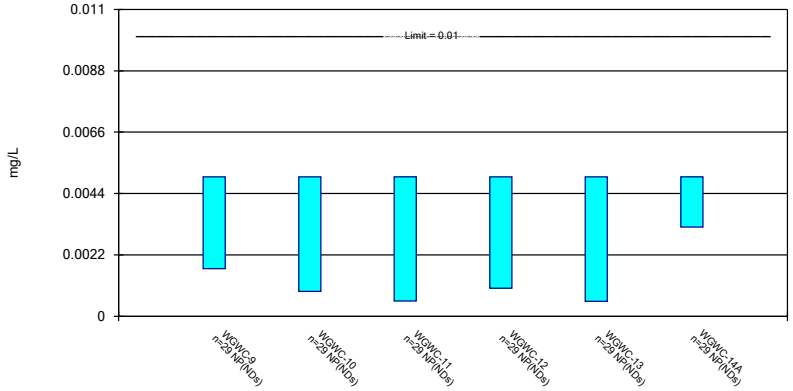

Constituent: Arsenic Analysis Run 8/17/2026 1:05 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

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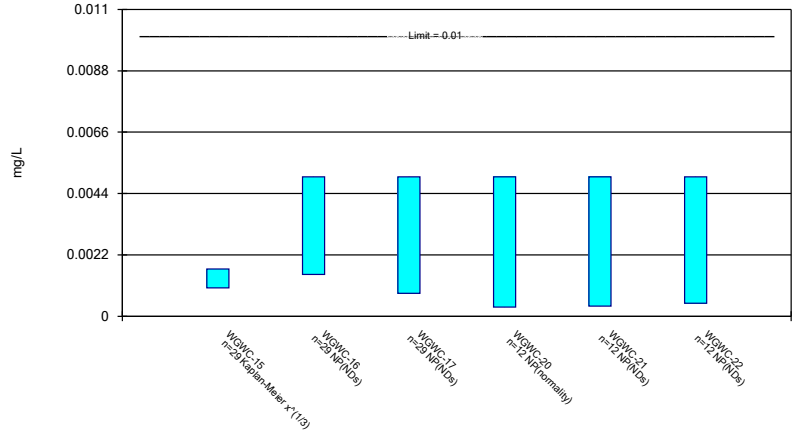
Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Arsenic Analysis Run 8/17/2026 1:05 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

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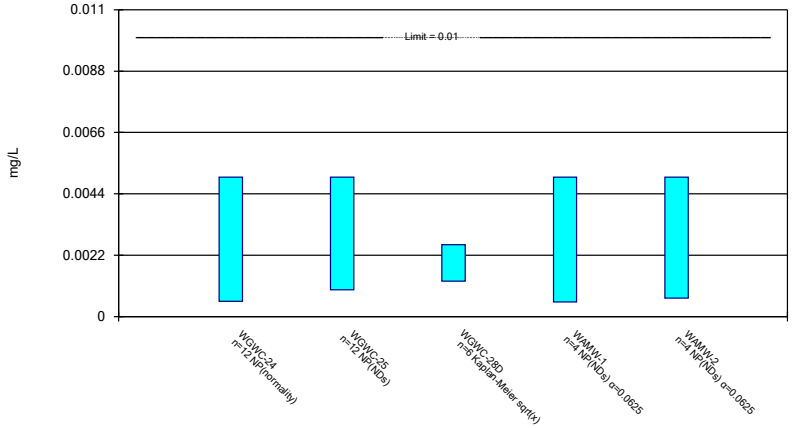
Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01 except as noted. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Arsenic Analysis Run 8/17/2026 1:05 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

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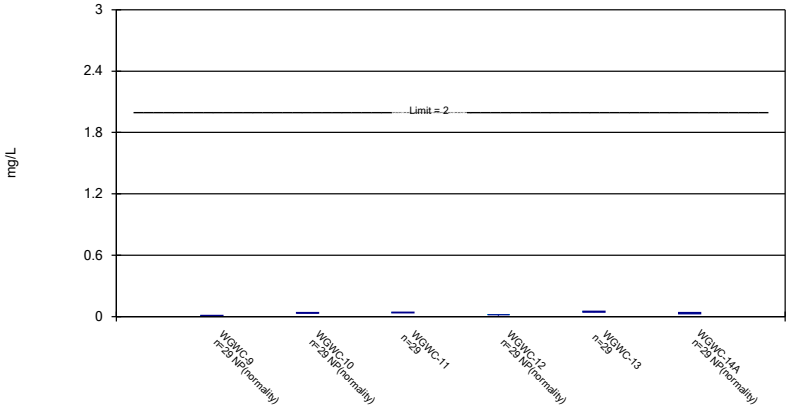
Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Barium Analysis Run 8/17/2026 1:05 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

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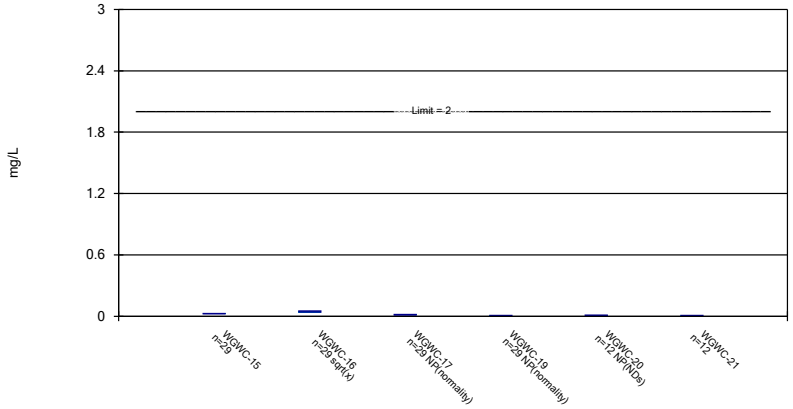
Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Barium Analysis Run 8/17/2026 1:05 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

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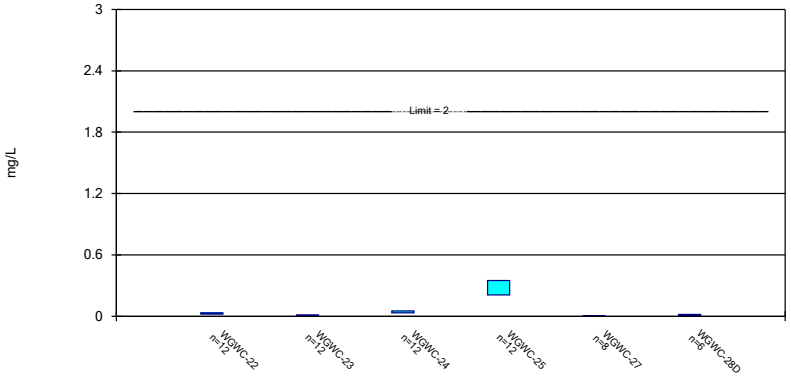
Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



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Plant Wansley Client: Southern Company Data: Wansley AP 1

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Parametric Confidence Interval

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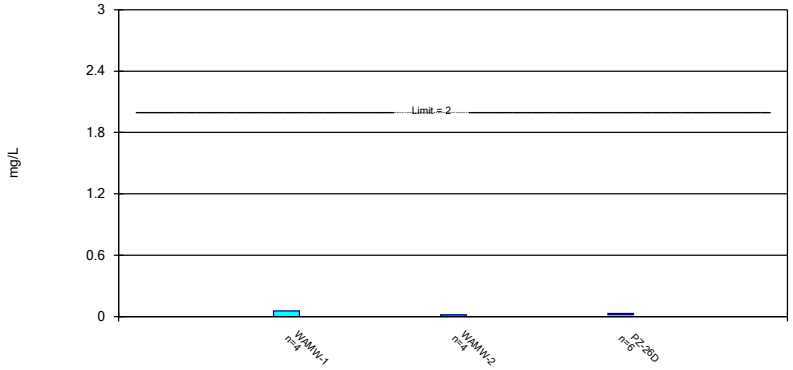

Constituent: Barium Analysis Run 8/17/2026 1:05 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

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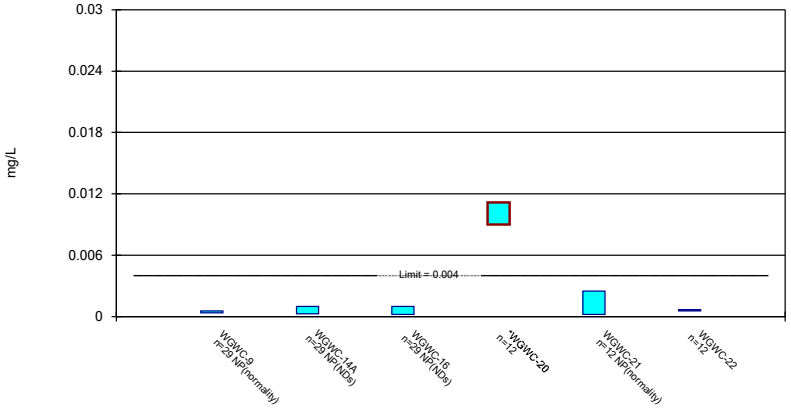
Parametric and Non-Parametric (NP) Confidence Interval

Compliance limit is exceeded.* Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Beryllium Analysis Run 8/17/2026 1:05 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

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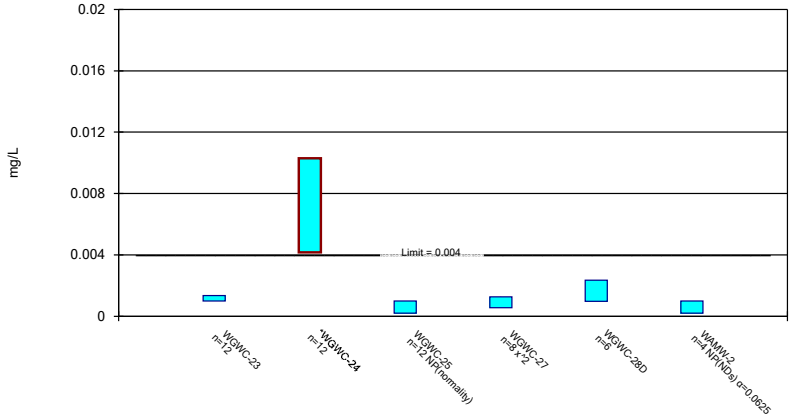
Parametric and Non-Parametric (NP) Confidence Interval

Compliance limit is exceeded.* Per-well alpha = 0.01 except as noted. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Beryllium Analysis Run 8/17/2026 1:05 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

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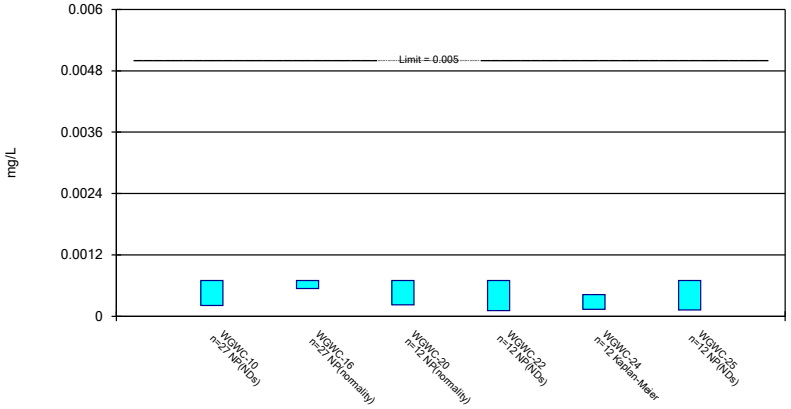
Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Cadmium Analysis Run 8/17/2026 1:05 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

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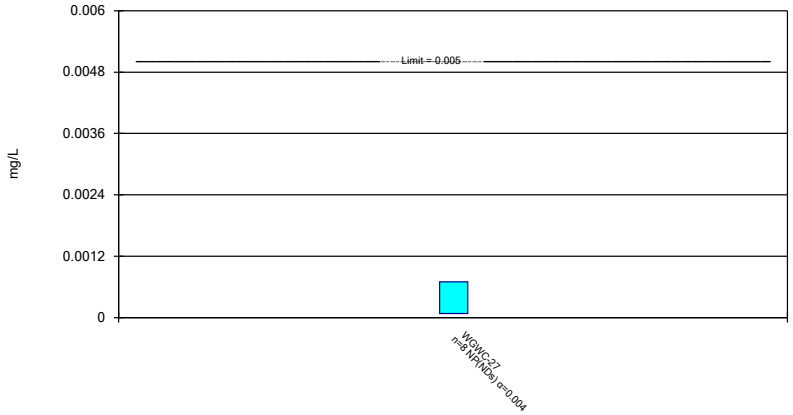
Non-Parametric Confidence Interval

Compliance Limit is not exceeded.



Constituent: Cadmium Analysis Run 8/17/2026 1:05 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

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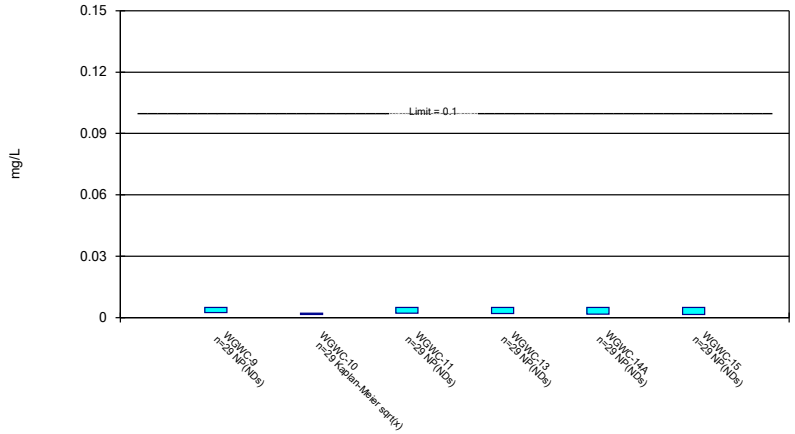
Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Chromium Analysis Run 8/17/2026 1:05 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

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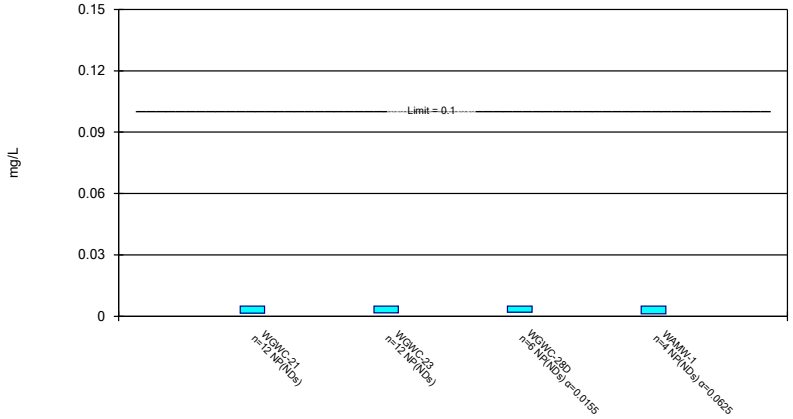
Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01 except as noted.



Constituent: Chromium Analysis Run 8/17/2026 1:05 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

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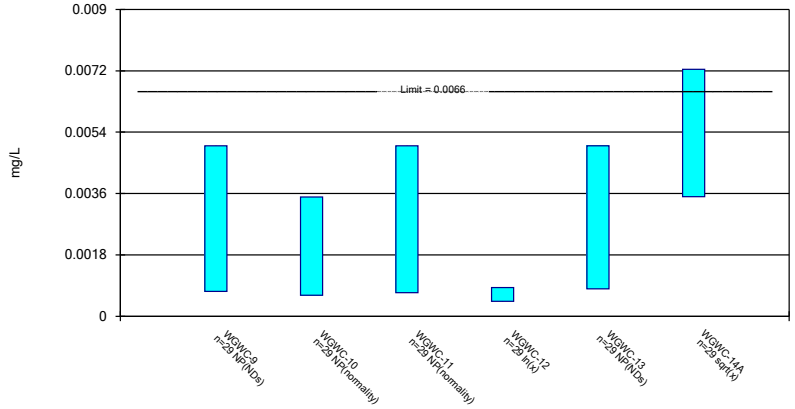
Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Cobalt Analysis Run 8/17/2026 1:05 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

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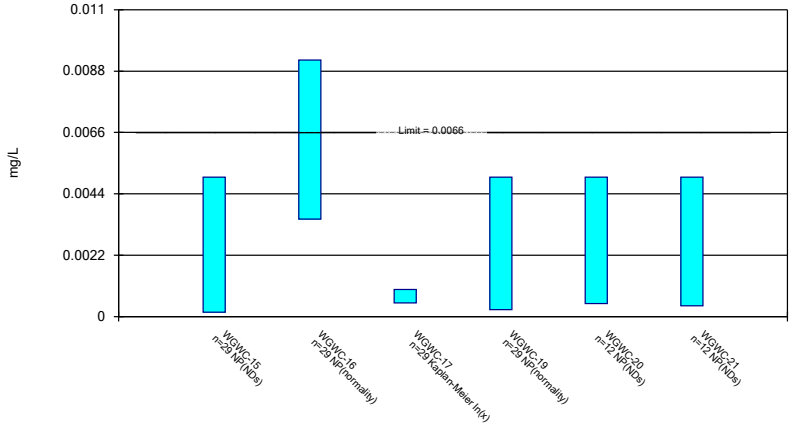
Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Cobalt Analysis Run 8/17/2026 1:05 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

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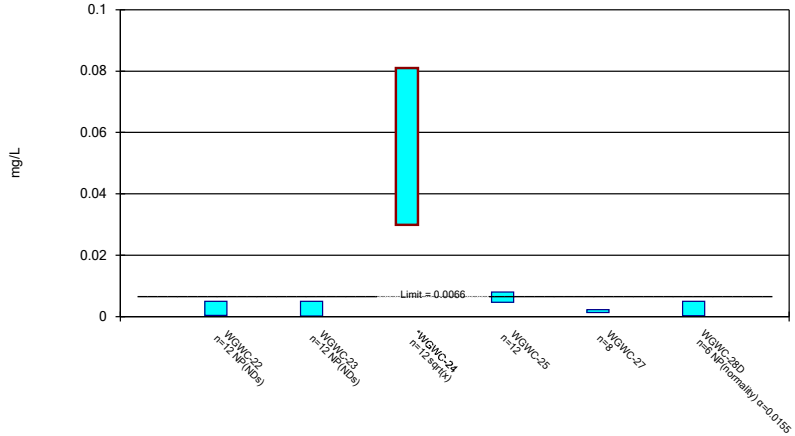
Parametric and Non-Parametric (NP) Confidence Interval

Compliance limit is exceeded.* Per-well alpha = 0.01 except as noted. Normality Test: Shapiro Wilk, alpha based on n.



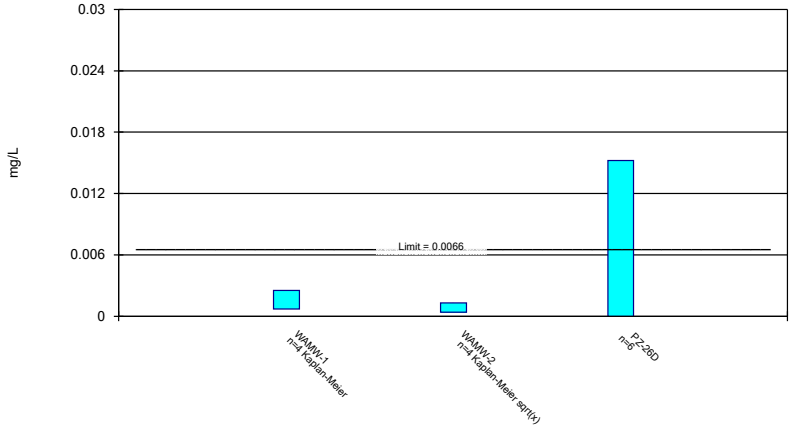
Constituent: Cobalt Analysis Run 8/17/2026 1:05 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.08 Software licensed to Groundwater Stats Consulting. UG

Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



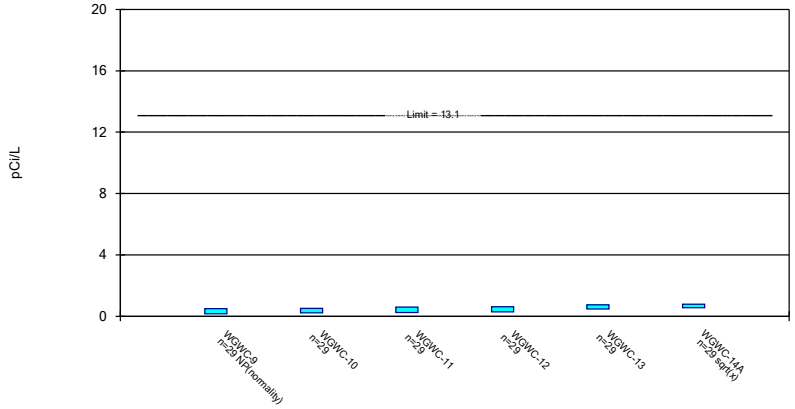
Constituent: Cobalt Analysis Run 8/17/2026 1:05 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.08 Software licensed to Groundwater Stats Consulting. UG

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Combined Radium 226 + 228 Analysis Run 8/17/2026 1:05 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

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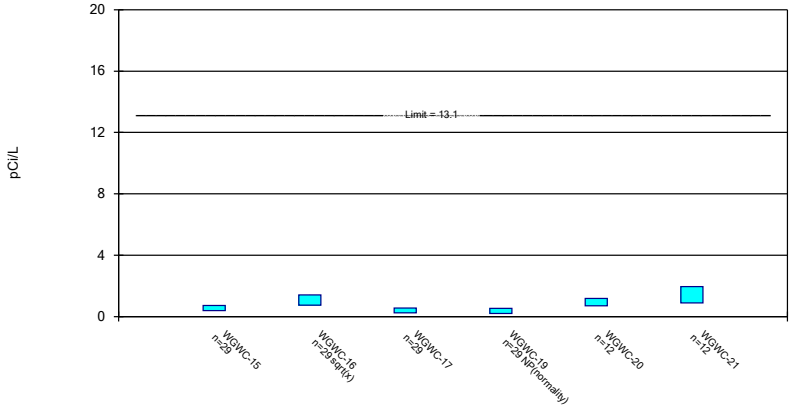
Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



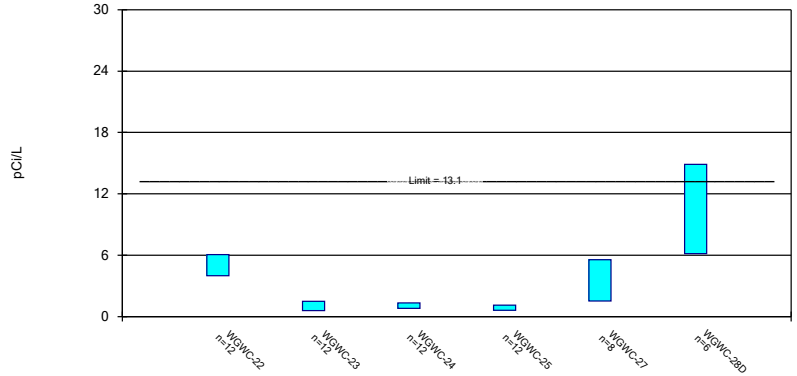
Constituent: Combined Radium 226 + 228 Analysis Run 8/17/2026 1:05 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.08 Software licensed to Groundwater Stats Consulting. UG

Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



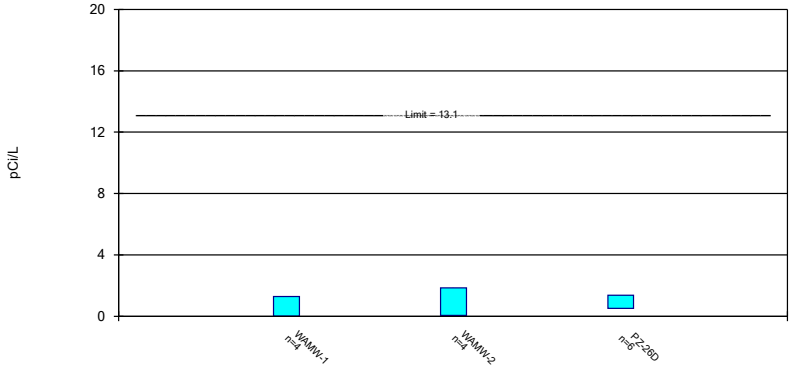
Constituent: Combined Radium 226 + 228 Analysis Run 8/17/2026 1:05 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.08 Software licensed to Groundwater Stats Consulting. UG

Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



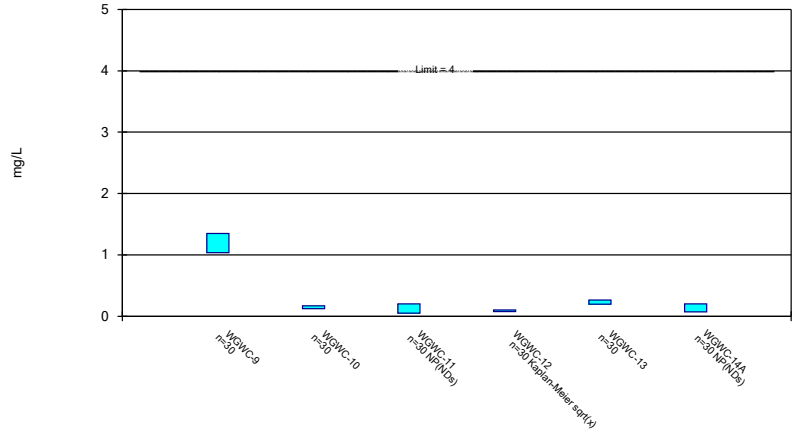
Constituent: Combined Radium 226 + 228 Analysis Run 8/17/2026 1:05 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.08 Software licensed to Groundwater Stats Consulting. UG

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Fluoride Analysis Run 8/17/2026 1:05 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

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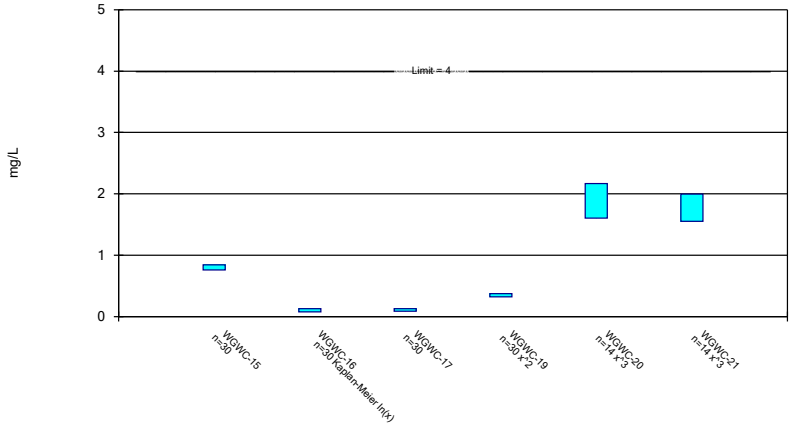
Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



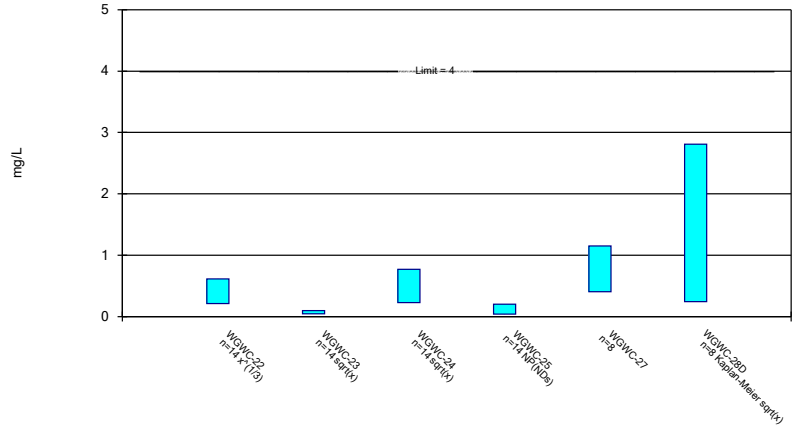
Constituent: Fluoride Analysis Run 8/17/2026 1:05 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.08 Software licensed to Groundwater Stats Consulting. UG

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



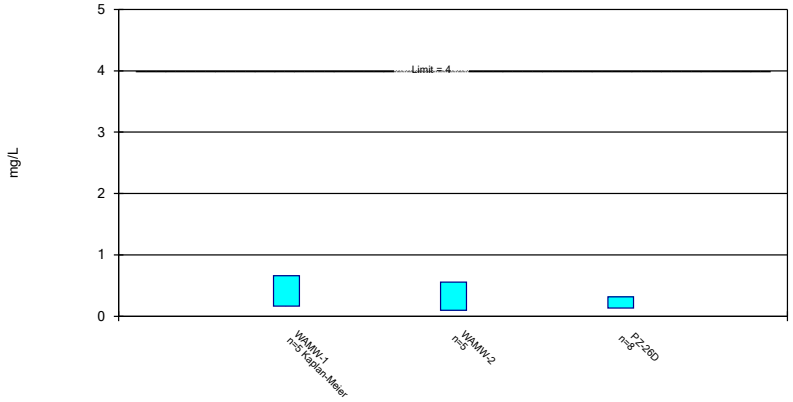
Constituent: Fluoride Analysis Run 8/17/2026 1:05 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.08 Software licensed to Groundwater Stats Consulting. UG

Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Fluoride Analysis Run 8/17/2026 1:05 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

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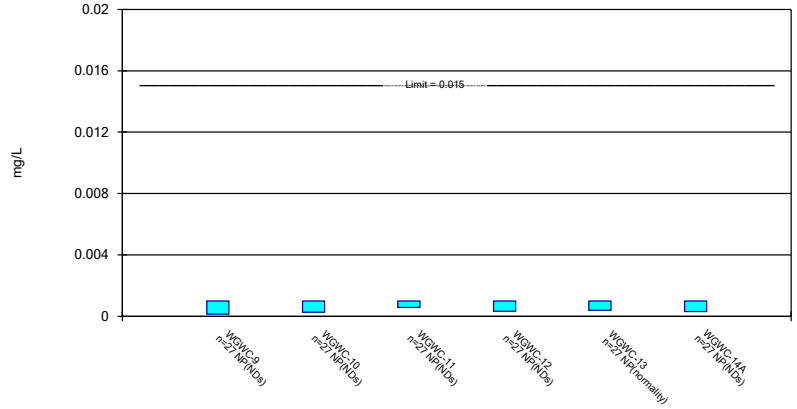
Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.



Constituent: Lead Analysis Run 8/17/2026 1:05 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

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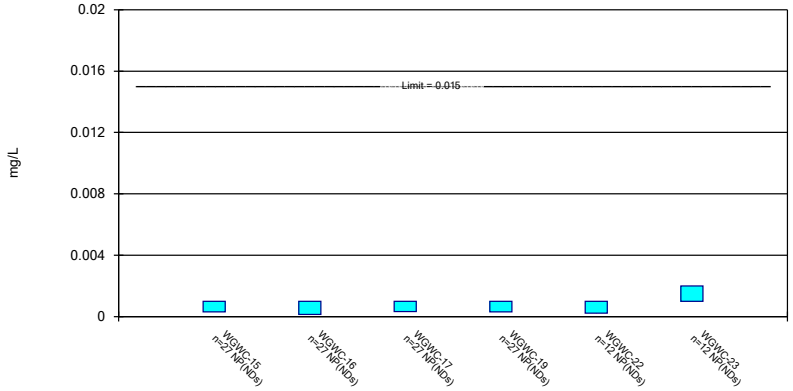
Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.



Constituent: Lead Analysis Run 8/17/2026 1:05 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

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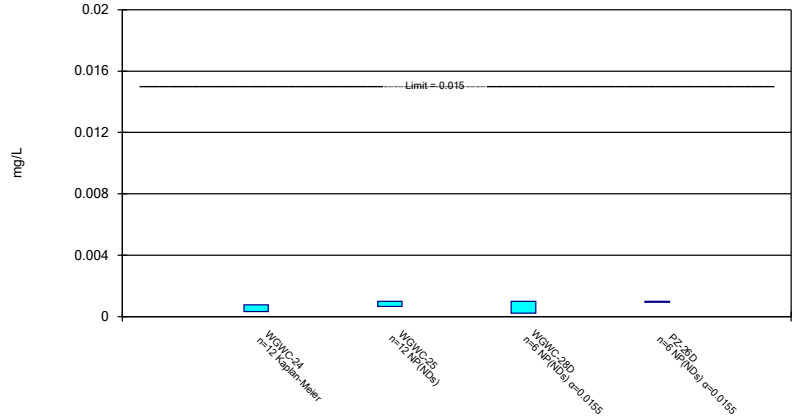
Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01 except as noted. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Lead Analysis Run 8/17/2026 1:05 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

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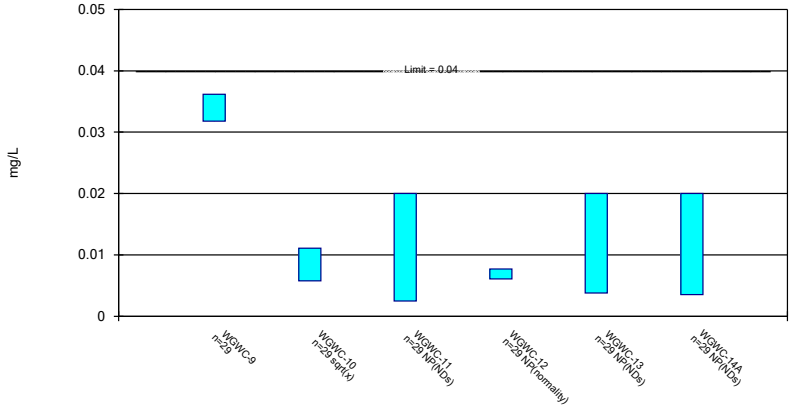
Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Lithium Analysis Run 8/17/2026 1:05 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

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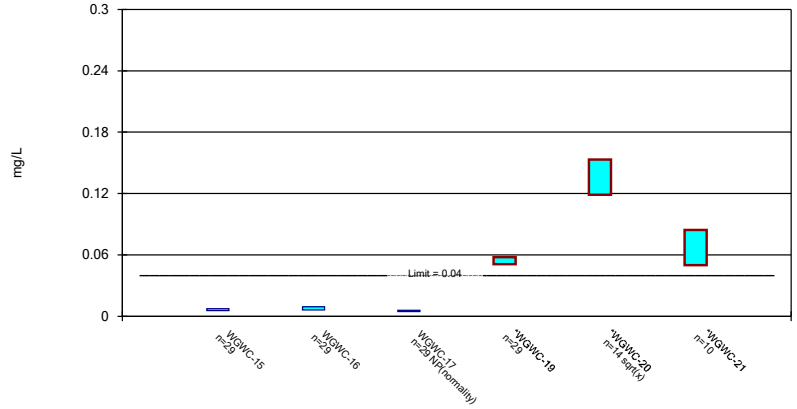
Parametric and Non-Parametric (NP) Confidence Interval

Compliance limit is exceeded.* Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Lithium Analysis Run 8/17/2026 1:05 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

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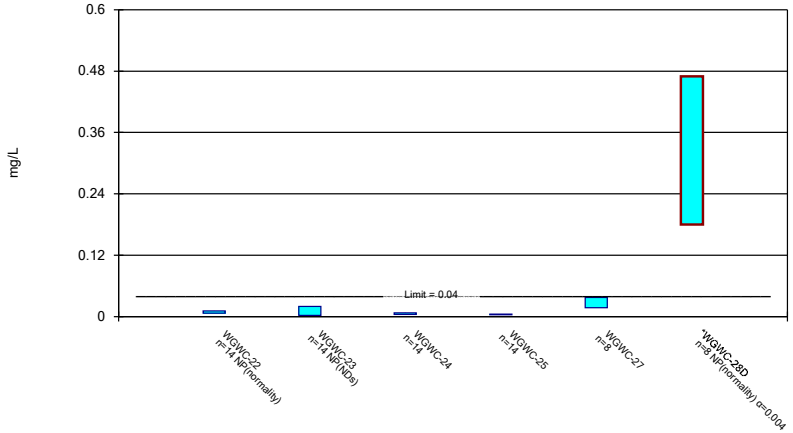
Parametric and Non-Parametric (NP) Confidence Interval

Compliance limit is exceeded.* Per-well alpha = 0.01 except as noted. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Lithium Analysis Run 8/17/2026 1:05 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

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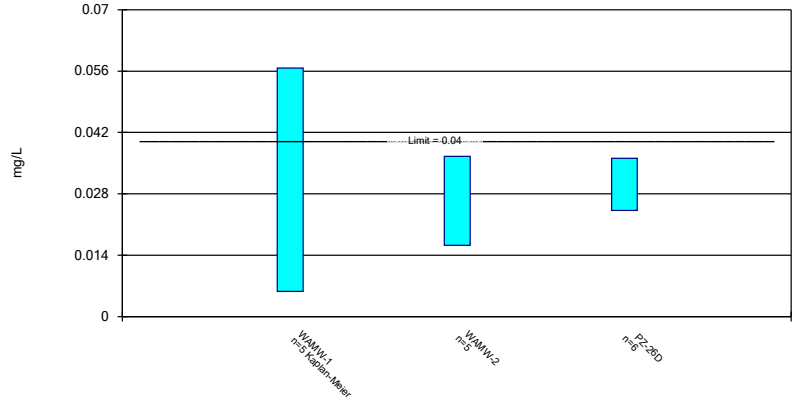
Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Lithium Analysis Run 8/17/2026 1:05 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

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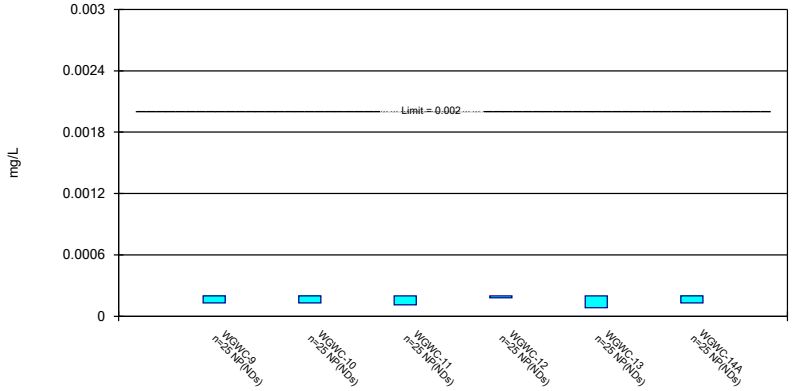
Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.



Constituent: Mercury Analysis Run 8/17/2026 1:05 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

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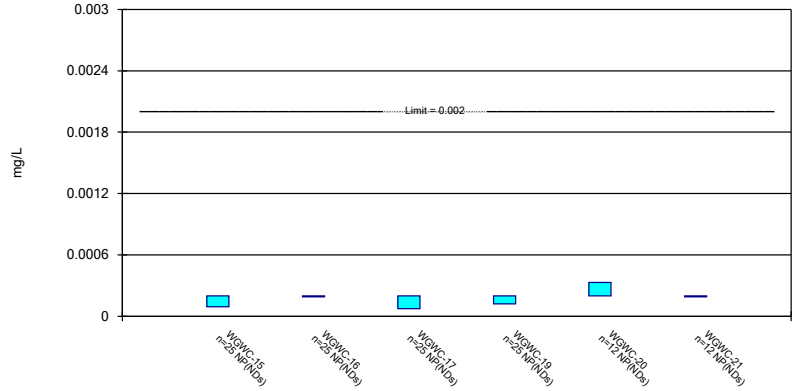
Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.



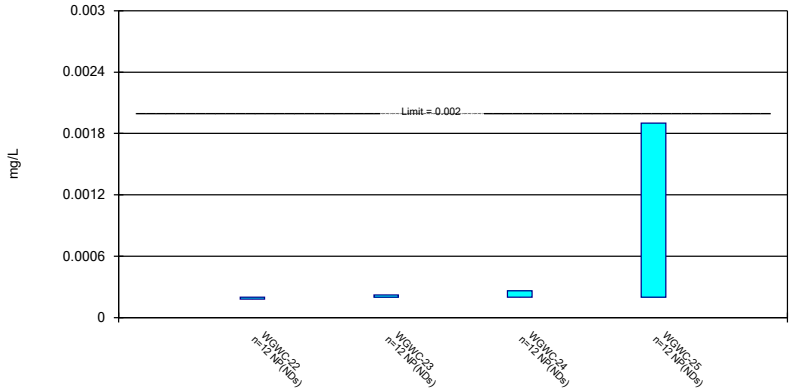
Constituent: Mercury Analysis Run 8/17/2026 1:05 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.08 Software licensed to Groundwater Stats Consulting. UG

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.



Constituent: Mercury Analysis Run 8/17/2026 1:05 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

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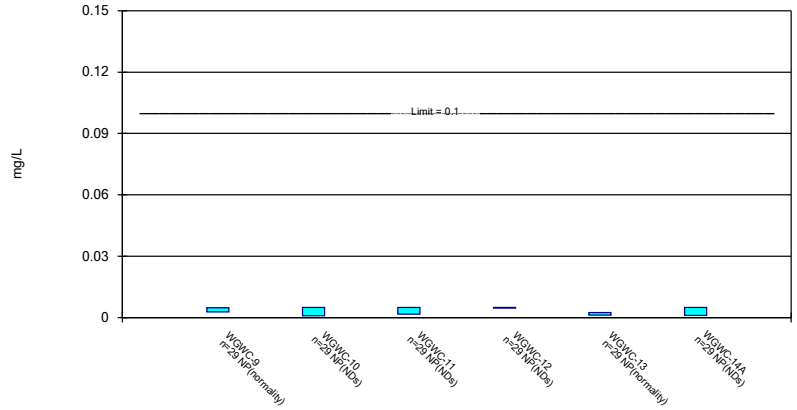
Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.



Constituent: Molybdenum Analysis Run 8/17/2026 1:05 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

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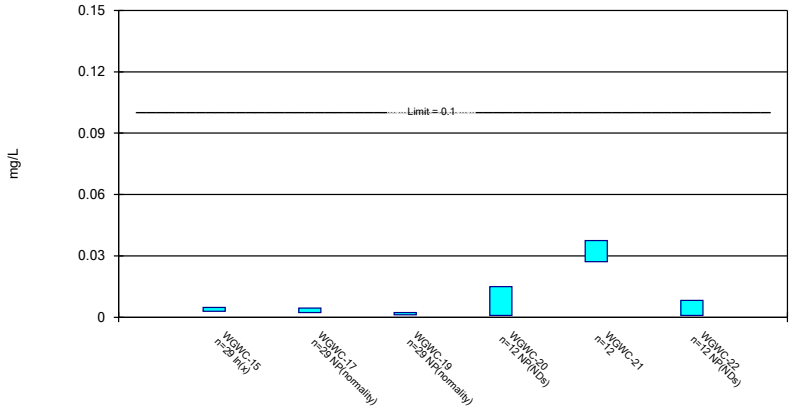
Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



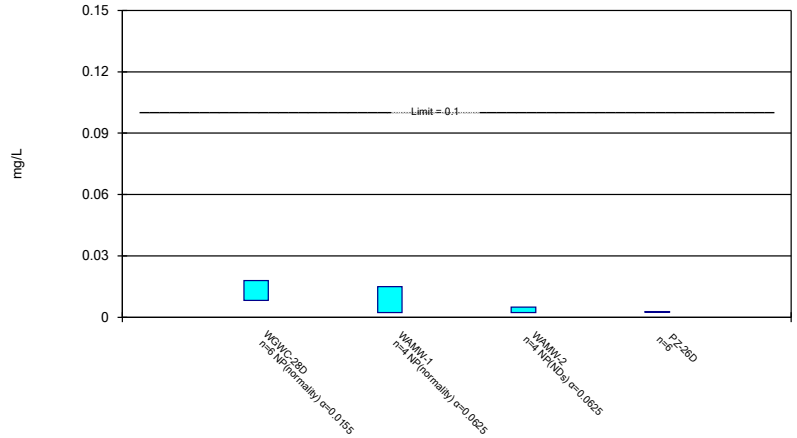
Constituent: Molybdenum Analysis Run 8/17/2026 1:05 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.08 Software licensed to Groundwater Stats Consulting. UG

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01 except as noted. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Molybdenum Analysis Run 8/17/2026 1:05 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

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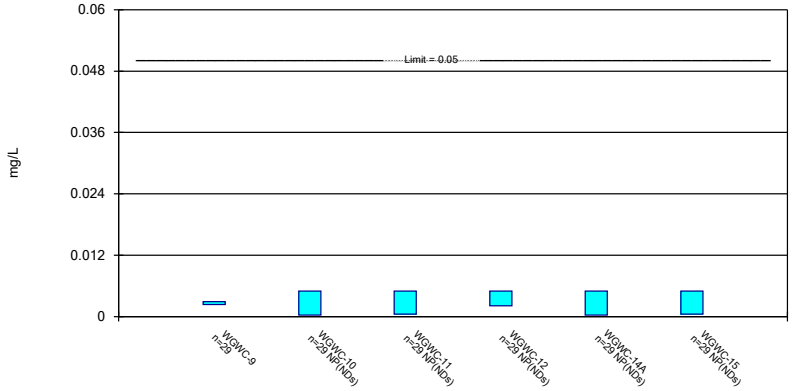
Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Selenium Analysis Run 8/17/2026 1:05 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

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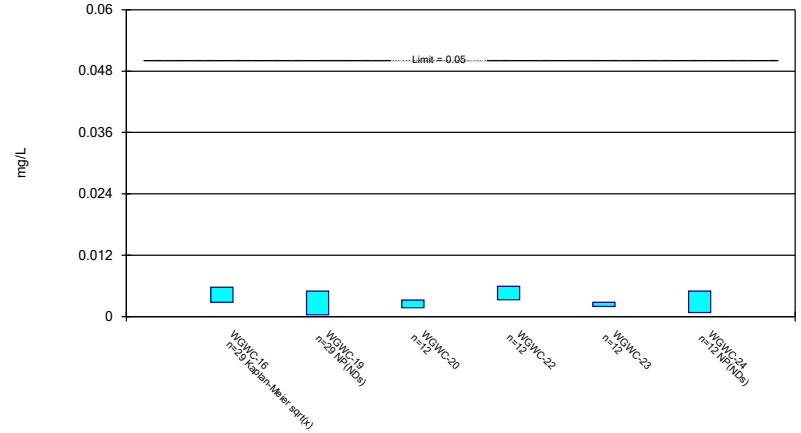
Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



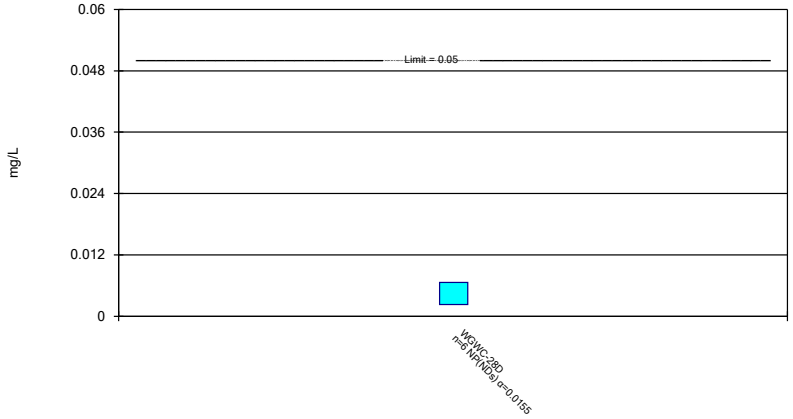
Constituent: Selenium Analysis Run 8/17/2026 1:05 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.08 Software licensed to Groundwater Stats Consulting. UG

Non-Parametric Confidence Interval

Compliance Limit is not exceeded.



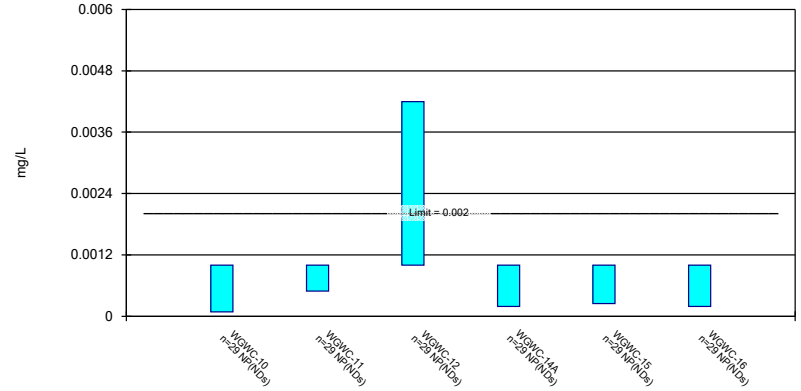
Constituent: Selenium Analysis Run 8/17/2026 1:05 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.08 Software licensed to Groundwater Stats Consulting. UG

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.



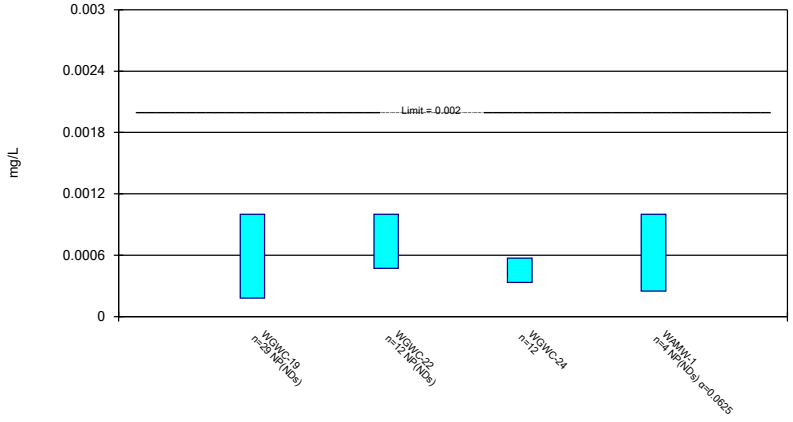
Constituent: Thallium Analysis Run 8/17/2026 1:05 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.08 Software licensed to Groundwater Stats Consulting. UG

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01 except as noted. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Thallium Analysis Run 8/17/2026 1:05 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

Confidence Interval

Constituent: Antimony (mg/L) Analysis Run 8/17/2026 1:07 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-9	WGWC-11	WGWC-12	WGWC-19	WGWC-20	WGWC-21
5/19/2016	<0.005	<0.005	<0.005			
7/20/2016	<0.005	<0.005	<0.005			
9/14/2016	<0.005	<0.005	<0.005			
11/11/2016		<0.005	<0.005	<0.005		
1/27/2017		<0.005	<0.005			
2/6/2017				<0.005		
2/9/2017	<0.005					
3/15/2017	0.0011 (J)	<0.005	<0.005	<0.005		
4/11/2017	<0.005			<0.005		
4/26/2017	<0.005	<0.005	<0.005	<0.005		
6/7/2017				<0.005		
7/11/2017				<0.005		
8/10/2017	<0.005	<0.005	0.0023 (J)	<0.005		
3/29/2018	<0.005	<0.005	<0.005	<0.005		
2/27/2019		<0.005	<0.005			
2/28/2019	<0.005			<0.005		
2/5/2020	<0.005	<0.005	<0.005			
2/7/2020				<0.005		
2/3/2021		<0.005	<0.005	<0.005		
2/4/2021	0.00041 (J)					
3/11/2021				<0.005		
3/12/2021	<0.005	<0.005	<0.005			
8/25/2021		<0.005	<0.005			
8/26/2021	<0.005			<0.005	<0.005	0.00076 (J)
1/11/2022						<0.005
1/12/2022					0.00066 (J)	
3/3/2022	0.008	<0.005		<0.005		0.00053 (J)
3/4/2022			<0.005		0.0011 (J)	
6/6/2022						<0.005
6/7/2022					<0.005	
8/16/2022		0.00053 (J)				0.00055 (J)
8/17/2022	0.0043			0.00058 (J)		
8/18/2022			<0.005		<0.005	
2/15/2023	0.00048 (J)					
2/16/2023		<0.005	<0.005	<0.005	<0.005	<0.005
8/11/2023					0.00069 (J)	
8/16/2023	0.0011 (J)	<0.005	<0.005	<0.005		
8/17/2023						<0.005
2/13/2024					0.00044 (J)	
2/14/2024	0.0063		<0.005			
2/15/2024				<0.005		<0.005
2/16/2024		<0.005				
7/31/2024		<0.005	<0.005	<0.005	<0.005	
8/1/2024	0.001 (J)					<0.005
2/11/2025	0.0079	<0.005	<0.005			
2/12/2025					<0.005	
2/13/2025				<0.005		<0.005
8/14/2025				<0.005	<0.005	
8/15/2025			<0.005			
8/18/2025		<0.005				
8/19/2025	<0.005					0.0032 (J)
2/10/2026		<0.005			<0.005	

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

Confidence Interval

Constituent: Antimony (mg/L) Analysis Run 8/17/2026 1:07 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-9	WGWC-11	WGWC-12	WGWC-19	WGWC-20	WGWC-21
2/11/2026			<0.005	<0.005		<0.005
2/13/2026	<0.005					
Mean	0.004373	0.004806	0.004883	0.004808	0.003574	0.003753
Std. Dev.	0.002116	0.0009321	0.000563	0.0009216	0.002111	0.001962
Upper Lim.	0.0063	0.005	0.005	0.005	0.005	0.005
Lower Lim.	0.0043	0.00053	0.0023	0.00058	0.00066	0.00055

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

Confidence Interval

Constituent: Antimony (mg/L) Analysis Run 8/17/2026 1:07 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-22	WGWC-23	WGWC-27	WGWC-28D	PZ-26D
8/26/2021	<0.005	<0.005			
1/11/2022	0.00078 (J)	0.0012 (J)			
3/4/2022	0.00082 (J)	0.0018 (J)			
6/6/2022		0.0013 (J)			
6/7/2022	0.00054 (J)				
8/17/2022		<0.005			
8/19/2022	<0.005				
10/19/2022			<0.005		
2/15/2023	0.0012 (J)	0.0022			
2/16/2023			0.00047 (J)		
8/11/2023			0.0015 (J)		
8/17/2023	<0.005	<0.005			0.00038 (J)
9/26/2023				0.00057 (J)	
2/14/2024	0.00076 (J)			<0.005	
2/15/2024		<0.005	0.00056 (J)		<0.005
7/31/2024		<0.005			
8/1/2024			<0.005	<0.005	<0.005
8/2/2024	<0.005				
2/12/2025	<0.005		<0.005	<0.005	
2/13/2025		<0.005			<0.005
8/13/2025					<0.005
8/14/2025				<0.005	
8/18/2025	<0.005		<0.005		
8/19/2025		<0.005			
2/10/2026			<0.005		
2/11/2026	<0.005	<0.005			
2/12/2026				<0.005	<0.005
Mean	0.003258	0.003875	0.003441	0.004262	0.00423
Std. Dev.	0.002157	0.001679	0.002173	0.001809	0.001886
Upper Lim.	0.005	0.005	0.005	0.005	0.005
Lower Lim.	0.00076	0.0013	0.00047	0.00057	0.00038

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

Confidence Interval

Constituent: Arsenic (mg/L) Analysis Run 8/17/2026 1:07 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-9	WGWC-10	WGWC-11	WGWC-12	WGWC-13	WGWC-14A
5/18/2016		<0.005				
5/19/2016	<0.005		<0.005	<0.005	<0.005	
7/20/2016	0.00078 (J)	<0.005	<0.005	<0.005	<0.005	
9/14/2016	<0.005	<0.005	<0.005	<0.005	<0.005	
11/10/2016					<0.005	
11/11/2016		<0.005	<0.005	<0.005		
1/27/2017			0.00047 (J)	<0.005	0.00066 (J)	
2/6/2017		<0.005				
2/8/2017						<0.005
2/9/2017	0.0017					
2/23/2017						<0.005
3/15/2017	0.00047 (J)	<0.005	<0.005	<0.005	<0.005	
3/17/2017						0.0006 (J)
4/11/2017	<0.005					0.0032
4/26/2017	<0.005	<0.005	<0.005	<0.005	<0.005	0.0019
5/17/2017						0.0014
6/7/2017						0.0021
7/11/2017						0.00095 (J)
8/9/2017					<0.005	
8/10/2017	<0.005	<0.005	<0.005	0.00048 (J)		
3/29/2018	<0.005		<0.005	<0.005	0.00067 (J)	<0.005
3/30/2018		<0.005				
6/14/2018	<0.005	0.0005 (J)	<0.005	0.00052 (J)	0.00093 (J)	<0.005
10/4/2018	<0.005	0.00089 (J)	0.00054 (J)	<0.005	0.0015	0.0017
2/27/2019		<0.005	<0.005	<0.005	0.00036 (J)	<0.005
2/28/2019	<0.005					
4/3/2019	<0.005		<0.005	<0.005	0.00053 (J)	<0.005
4/4/2019		<0.005				
9/18/2019					0.00039 (J)	<0.005
9/19/2019	<0.005	0.00038 (J)	<0.005	<0.005		
2/5/2020	<0.005	0.00035 (J)	<0.005	<0.005	0.00048 (J)	<0.005
3/18/2020		<0.005	<0.005	<0.005		
3/19/2020	<0.005				0.00039 (J)	<0.005
9/23/2020	<0.005	<0.005		<0.005		
9/24/2020			0.00051 (J)		<0.005	<0.005
2/3/2021			<0.005	<0.005		
2/4/2021	<0.005	<0.005			0.00038 (J)	<0.005
3/11/2021		0.00031 (J)			0.00035 (J)	<0.005
3/12/2021	<0.005		<0.005	<0.005		
8/25/2021			<0.005	<0.005	<0.005	<0.005
8/26/2021	<0.005	<0.005				
3/3/2022	<0.005	<0.005	<0.005		<0.005	<0.005
3/4/2022				0.00037 (J)		
8/16/2022			<0.005			
8/17/2022	<0.005					
8/18/2022				<0.005	0.00034 (J)	
8/19/2022		<0.005				<0.005
2/15/2023	<0.005					
2/16/2023		<0.005	<0.005	<0.005	<0.005	<0.005
8/16/2023	<0.005		<0.005	<0.005	<0.005	<0.005
8/17/2023		<0.005				
2/14/2024	<0.005			0.001		

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

Confidence Interval

Constituent: Arsenic (mg/L) Analysis Run 8/17/2026 1:07 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-9	WGWC-10	WGWC-11	WGWC-12	WGWC-13	WGWC-14A
2/15/2024		<0.005			<0.005	<0.005
2/16/2024			<0.005			
7/31/2024		<0.005	<0.005	<0.005	<0.005	
8/1/2024	<0.005					
8/2/2024						<0.005
2/11/2025	<0.005		<0.005	<0.005		
2/12/2025					<0.005	<0.005
2/13/2025		<0.005				
8/14/2025					<0.005	<0.005
8/15/2025				<0.005		
8/18/2025			<0.005			
8/19/2025	<0.005	<0.005				
2/10/2026		<0.005	<0.005		<0.005	<0.005
2/11/2026				<0.005		
2/13/2026	<0.005					
Mean	0.004584	0.004222	0.004535	0.004392	0.003172	0.004202
Std. Dev.	0.001257	0.001738	0.001393	0.001549	0.002225	0.001493
Upper Lim.	0.005	0.005	0.005	0.005	0.005	0.005
Lower Lim.	0.0017	0.00089	0.00054	0.001	0.00053	0.0032

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

Confidence Interval

Constituent: Arsenic (mg/L) Analysis Run 8/17/2026 1:07 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-15	WGWC-16	WGWC-17	WGWC-20	WGWC-21	WGWC-22
5/18/2016	0.00345 (J)	<0.005	<0.005			
7/19/2016	0.0031	0.0009 (J)				
7/20/2016			0.00058 (J)			
9/14/2016	0.0024	0.0014	<0.005			
11/10/2016	0.0023	0.0021	0.00082 (J)			
1/20/2017			<0.005			
1/24/2017	0.0019	0.0015				
3/14/2017	0.0016		<0.005			
3/15/2017		0.0014				
4/25/2017	0.0019	0.0014	0.00095 (J)			
8/9/2017	0.0017	0.0013	<0.005			
3/29/2018		0.0014				
3/30/2018	0.0018		<0.005			
6/14/2018	0.002	<0.005	0.00076 (J)			
10/3/2018	0.0024					
10/4/2018		0.0013	0.00088 (J)			
2/26/2019			0.0005 (J)			
2/27/2019	0.0015	0.00046 (J)				
4/4/2019	0.0019	<0.005	<0.005			
9/18/2019	0.0016	<0.005	<0.005			
2/7/2020	0.001	<0.005	0.00075 (J)			
3/18/2020	0.00088 (J)	<0.005	0.00054 (J)			
9/23/2020	0.00061 (J)	<0.005	0.00067 (J)			
2/4/2021	0.00069 (J)	<0.005	0.00035 (J)			
3/11/2021		<0.005	<0.005			
3/12/2021	0.00084 (J)					
8/25/2021		<0.005	<0.005			
8/26/2021	0.0012			0.00031 (J)	0.00057 (J)	<0.005
1/11/2022					0.00036 (J)	<0.005
1/12/2022				0.00052 (J)		
3/3/2022	0.00057 (J)	<0.005			0.00053 (J)	
3/4/2022			<0.005	0.00078 (J)		0.00046 (J)
6/6/2022					0.00083 (J)	
6/7/2022				0.00033 (J)		0.00029 (J)
8/16/2022			<0.005		0.00028 (J)	
8/17/2022	0.00052 (J)	<0.005				
8/18/2022				<0.005		
8/19/2022						<0.005
2/15/2023	<0.005	<0.005				<0.005
2/16/2023			<0.005	<0.005	<0.005	
8/11/2023				<0.005		
8/15/2023		<0.005				
8/16/2023	<0.005		<0.005			
8/17/2023					<0.005	<0.005
2/13/2024				0.001		
2/14/2024						0.0011
2/15/2024	<0.005	<0.005	<0.005		<0.005	
7/30/2024		<0.005				
7/31/2024	<0.005		<0.005	0.0012		
8/1/2024					<0.005	
8/2/2024						<0.005
2/11/2025			<0.005			

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

Confidence Interval

Constituent: Arsenic (mg/L) Analysis Run 8/17/2026 1:07 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-15	WGWC-16	WGWC-17	WGWC-20	WGWC-21	WGWC-22
2/12/2025		<0.005		<0.005		<0.005
2/13/2025	<0.005				<0.005	
8/13/2025	<0.005		<0.005			
8/14/2025		<0.005		<0.005		
8/18/2025						<0.005
8/19/2025					<0.005	
2/10/2026	<0.005	<0.005		<0.005		
2/11/2026			<0.005		<0.005	<0.005
Mean	0.002443	0.00373	0.00351	0.002845	0.003131	0.003904
Std. Dev.	0.001624	0.001798	0.002092	0.002264	0.002314	0.001991
Upper Lim.	0.001697	0.005	0.005	0.005	0.005	0.005
Lower Lim.	0.001013	0.0015	0.00082	0.00033	0.00036	0.00046

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

Confidence Interval

Constituent: Arsenic (mg/L) Analysis Run 8/17/2026 1:07 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-24	WGWC-25	WGWC-28D	WAMW-1	WAMW-2
10/16/2018					0.00066 (J)
10/18/2018				0.00052 (J)	
8/26/2021	0.0033	<0.005			
1/11/2022	0.0017	<0.005			
3/3/2022	0.0029				
3/4/2022		<0.005			
6/6/2022	0.00054 (J)				
6/7/2022		<0.005			
8/17/2022		<0.005			
8/18/2022	0.00028 (J)				
2/15/2023	<0.005	<0.005			
8/15/2023		<0.005			
8/17/2023	<0.005				
9/26/2023			0.0013		
2/14/2024	0.0012		0.0022		
2/15/2024		0.00096 (J)			
7/31/2024	<0.005	<0.005			
8/1/2024			0.0025		
2/12/2025		<0.005	<0.005	<0.005	<0.005
2/13/2025	<0.005				
8/13/2025		<0.005			
8/14/2025			0.0016 (J)	<0.005	
8/18/2025	<0.005				
8/19/2025					<0.005
2/10/2026	<0.005				
2/11/2026		<0.005			<0.005
2/12/2026			<0.005	<0.005	
Mean	0.003327	0.004663	0.002933	0.00388	0.003915
Std. Dev.	0.001935	0.001166	0.001656	0.00224	0.00217
Upper Lim.	0.005	0.005	0.002581	0.005	0.005
Lower Lim.	0.00054	0.00096	0.001273	0.00052	0.00066

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

Confidence Interval

Constituent: Barium (mg/L) Analysis Run 8/17/2026 1:07 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-9	WGWC-10	WGWC-11	WGWC-12	WGWC-13	WGWC-14A
5/18/2016		0.0391				
5/19/2016	<0.01		0.031	0.0214	0.055	
7/20/2016	0.0014 (J)	0.028	0.029	0.019	0.039	
9/14/2016	0.00092 (J)	0.035	0.031	0.02	0.04	
11/10/2016					0.04	
11/11/2016		0.042	0.034	0.022		
1/27/2017			0.042	0.023	0.042	
2/6/2017		0.041				
2/8/2017						0.037
2/9/2017	0.0015 (J)					
2/23/2017						0.051
3/15/2017	0.00054 (J)	0.04	0.032	0.024	0.058	
3/17/2017						0.046
4/11/2017	0.0007 (J)					0.055
4/26/2017	<0.01	0.039	0.03	0.004	0.054	0.042
5/17/2017						0.052
6/7/2017						0.06
7/11/2017						0.038
8/9/2017					0.055	
8/10/2017	0.00053 (J)	0.038	0.03	0.017		
3/29/2018	<0.01		0.028	0.017	0.061	0.028
3/30/2018		0.042				
6/14/2018	0.00088 (J)	0.038	0.03	0.015	0.055	0.023
10/4/2018	0.00076 (J)	0.04	0.035	0.017	0.046	0.036
2/27/2019		0.04	0.04	0.016	0.054	0.028
2/28/2019	0.0023 (J)					
4/3/2019	<0.01		0.035	0.015	0.056	0.026
4/4/2019		0.04				
9/18/2019					0.062	0.025
9/19/2019	0.0018 (J)	0.038	0.033	0.016		
2/5/2020	0.0022 (J)	0.061	0.047	0.016	0.052	0.077
3/18/2020		0.035	0.038	0.016		
3/19/2020	0.0021 (J)				0.072	0.031
9/23/2020	<0.01	0.035		0.016		
9/24/2020			0.061		0.038	0.034
2/3/2021			0.039	0.015		
2/4/2021	0.0016 (J)	0.035			0.047	0.029
3/11/2021		0.033			0.049	0.032
3/12/2021	<0.01		0.045	0.017		
8/25/2021			0.04	0.016	0.046	0.03
8/26/2021	<0.01	0.032				
3/3/2022	<0.01	0.033	0.04		0.045	0.029
3/4/2022				0.016		
8/16/2022			0.038			
8/17/2022	<0.01					
8/18/2022				0.014	0.041	
8/19/2022		0.03				0.026
2/15/2023	<0.01					
2/16/2023		0.032	0.041	0.014	0.037	0.028
8/16/2023	<0.01		0.044	0.017	0.042	0.026
8/17/2023		0.036				
2/14/2024	<0.01			0.017		

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

Confidence Interval

Constituent: Barium (mg/L) Analysis Run 8/17/2026 1:07 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-9	WGWC-10	WGWC-11	WGWC-12	WGWC-13	WGWC-14A
2/15/2024		0.034			0.037	0.027
2/16/2024			0.042			
7/31/2024		0.034	0.05	0.016	0.045	
8/1/2024	<0.01					
8/2/2024						0.027
2/11/2025	0.0018 (J)		0.053	0.018		
2/12/2025					0.04	0.027
2/13/2025		0.032				
8/14/2025					0.041	0.027
8/15/2025				0.018		
8/18/2025			0.05			
8/19/2025	0.00049 (J)	0.032				
2/10/2026		0.031	0.049		0.036	0.029
2/11/2026				0.018		
2/13/2026	<0.01					
Mean	0.005501	0.03673	0.03921	0.01691	0.04776	0.03538
Std. Dev.	0.004447	0.006036	0.008252	0.003546	0.009054	0.01277
Upper Lim.	0.01	0.0391	0.04299	0.018	0.05191	0.038
Lower Lim.	0.0014	0.033	0.03543	0.016	0.04361	0.027

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

Confidence Interval

Constituent: Barium (mg/L) Analysis Run 8/17/2026 1:07 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-15	WGWC-16	WGWC-17	WGWC-19	WGWC-20	WGWC-21
5/18/2016	0.0206	0.0715	0.0219			
7/19/2016	0.019	0.069				
7/20/2016			0.019			
9/14/2016	0.02	0.066	0.017			
11/10/2016	0.02	0.069	0.02			
11/11/2016				0.0022 (J)		
1/20/2017			0.018			
1/24/2017	0.017	0.068				
2/6/2017				0.0018 (J)		
3/14/2017	0.018		0.019			
3/15/2017		0.065		0.0015 (J)		
4/11/2017				0.0014 (J)		
4/25/2017	0.018	0.057	0.023			
4/26/2017				0.0014 (J)		
6/7/2017				0.0014 (J)		
7/11/2017				0.0013 (J)		
8/9/2017	0.02	0.069	0.017			
8/10/2017				0.0012 (J)		
3/29/2018		0.05		0.00097 (J)		
3/30/2018	0.021		0.015			
6/14/2018	0.022	0.046	0.013	0.0011 (J)		
10/3/2018	0.024					
10/4/2018		0.046	0.013	0.0012 (J)		
2/26/2019			0.012			
2/27/2019	0.023	0.028				
2/28/2019				<0.01		
4/2/2019				0.0013 (J)		
4/4/2019	0.022	0.027	0.011			
9/18/2019	0.026	0.032	0.011	<0.01		
2/7/2020	0.022	0.034	0.011	0.0065 (J)		
3/18/2020	0.021	0.034	0.012			
5/4/2020				<0.01		
9/23/2020	0.027	0.037	0.012	<0.01		
2/3/2021				<0.01		
2/4/2021	0.028	0.039	0.012			
3/11/2021		0.037	0.011	<0.01		
3/12/2021	0.028					
8/25/2021		0.035	0.011			
8/26/2021	0.029			<0.01	<0.01	0.0086 (J)
1/11/2022						0.0076 (J)
1/12/2022					<0.01	
3/3/2022	0.029	0.041		<0.01		0.0068 (J)
3/4/2022			0.011		<0.01	
6/6/2022						0.0079 (J)
6/7/2022					<0.01	
8/16/2022			0.011			0.0039 (J)
8/17/2022	0.027	0.032		0.0012 (J)		
8/18/2022					0.00091 (J)	
2/15/2023	0.029	0.044				
2/16/2023			0.01	0.00096 (J)	<0.01	0.0053 (J)
8/11/2023					<0.01	
8/15/2023		0.039				

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

Confidence Interval

Constituent: Barium (mg/L) Analysis Run 8/17/2026 1:07 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-15	WGWC-16	WGWC-17	WGWC-19	WGWC-20	WGWC-21
8/16/2023	0.03		0.012	0.0014 (J)		
8/17/2023						0.0044 (J)
2/13/2024					<0.01	
2/15/2024	0.031	0.045	0.011	0.0012 (J)		0.0064 (J)
7/30/2024		0.043				
7/31/2024	0.033		0.012	0.001 (J)	<0.01	
8/1/2024						0.0047 (J)
2/11/2025			0.012			
2/12/2025		0.04			<0.01	
2/13/2025	0.033			0.0077 (J)		0.0038 (J)
8/13/2025	0.033		0.011			
8/14/2025		0.039		0.0015 (J)	0.00049 (J)	
8/19/2025						0.0033 (J)
2/10/2026	0.035	0.046			0.00043 (J)	
2/11/2026			0.012	0.0014 (J)		0.0039 (J)
Mean	0.02502	0.0465	0.01382	0.004125	0.007652	0.00555
Std. Dev.	0.005293	0.01399	0.003754	0.00398	0.004248	0.001834
Upper Lim.	0.02745	0.05194	0.017	0.0077	0.01	0.006989
Lower Lim.	0.0226	0.03955	0.011	0.0013	0.00049	0.004111

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

Confidence Interval

Constituent: Barium (mg/L) Analysis Run 8/17/2026 1:07 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-22	WGWC-23	WGWC-24	WGWC-25	WGWC-27	WGWC-28D
8/26/2021	0.031	0.0078 (J)	0.042	0.41		
1/11/2022	0.04	0.0072 (J)	0.029	0.38		
3/3/2022			0.028			
3/4/2022	0.038	0.0081 (J)		0.38		
6/6/2022		0.0097 (J)	0.032			
6/7/2022	0.025			0.34		
8/17/2022		0.0089 (J)		0.31		
8/18/2022			0.041			
8/19/2022	0.023					
10/19/2022					0.0036 (J)	
2/15/2023	0.033	0.0055 (J)	0.036	0.33		
2/16/2023					0.0049 (J)	
8/11/2023					0.0047 (J)	
8/15/2023				0.19		
8/17/2023	0.021	0.01	0.046			
9/26/2023						0.016
2/14/2024	0.041		0.052			0.017
2/15/2024		0.005 (J)		0.14	0.004 (J)	
7/31/2024		0.011	0.047	0.23		
8/1/2024					0.0042 (J)	0.011
8/2/2024	0.021					
2/12/2025	0.022			0.19	0.0034 (J)	0.011
2/13/2025		0.015	0.051			
8/13/2025				0.25		
8/14/2025						0.012
8/18/2025	0.018		0.042		0.0025 (J)	
8/19/2025		0.0067 (J)				
2/10/2026			0.067		0.0023 (J)	
2/11/2026	0.022	0.0079 (J)		0.19		
2/12/2026						0.0074 (J)
Mean	0.02792	0.008567	0.04275	0.2783	0.0037	0.0124
Std. Dev.	0.008262	0.002688	0.01105	0.09104	0.0009472	0.003555
Upper Lim.	0.0344	0.01068	0.05142	0.3498	0.004704	0.01728
Lower Lim.	0.02143	0.006457	0.03408	0.2069	0.002696	0.007516

Confidence Interval

Constituent: Barium (mg/L) Analysis Run 8/17/2026 1:07 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WAMW-1	WAMW-2	PZ-26D
10/16/2018		0.0069	
10/18/2018	0.005		
8/17/2023			0.024
2/15/2024			0.021
8/1/2024			0.024
2/12/2025	0.041	0.0093 (J)	
2/13/2025			0.017
8/13/2025			0.031
8/14/2025	0.0048 (J)		
8/19/2025		0.0066 (J)	
2/11/2026		0.015	
2/12/2026	0.014		0.019
Mean	0.0162	0.00945	0.02267
Std. Dev.	0.01708	0.003892	0.004926
Upper Lim.	0.05498	0.01829	0.02943
Lower Lim.	0	0.0006131	0.0159

Confidence Interval

Constituent: Beryllium (mg/L) Analysis Run 8/17/2026 1:07 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-9	WGWC-14A	WGWC-16	WGWC-20	WGWC-21	WGWC-22
5/18/2016			<0.001			
5/19/2016	<0.0025					
7/19/2016			<0.001			
7/20/2016	<0.0025					
9/14/2016	<0.0025		<0.001			
11/10/2016			<0.001			
1/24/2017			<0.001			
2/8/2017		<0.001				
2/9/2017	0.00041 (J)					
2/23/2017		<0.001				
3/15/2017	<0.0025		<0.001			
3/17/2017		<0.001				
4/11/2017	<0.0025	<0.001				
4/25/2017			<0.001			
4/26/2017	<0.0025	<0.001				
5/17/2017		<0.001				
6/7/2017		<0.001				
7/11/2017		<0.001				
8/9/2017			<0.001			
8/10/2017	0.00034 (J)					
3/29/2018	<0.0025	<0.001	<0.001			
6/14/2018	<0.0025	<0.001	<0.001			
10/4/2018	0.00036 (J)	<0.001	<0.001			
2/27/2019		0.00017 (J)	0.00022 (J)			
2/28/2019	0.00031 (J)					
4/3/2019	<0.0025	<0.001				
4/4/2019			<0.001			
9/18/2019		0.00032 (J)	<0.001			
9/19/2019	0.00041 (J)					
2/5/2020	0.0004 (J)	0.00024 (J)				
2/7/2020			<0.001			
3/18/2020			<0.001			
3/19/2020	0.00056 (J)	0.00025 (J)				
9/23/2020	0.00034 (J)		<0.001			
9/24/2020		0.00024 (J)				
2/4/2021	0.00039 (J)	0.00026 (J)	<0.001			
3/11/2021		<0.001	<0.001			
3/12/2021	0.00034 (J)					
8/25/2021		<0.001	<0.001			
8/26/2021	0.00038 (J)			0.0081	<0.0025	0.00053 (J)
1/11/2022					<0.0025	0.00057 (J)
1/12/2022				0.012		
3/3/2022	0.00036 (J)	<0.001	<0.001		<0.0025	
3/4/2022				0.01		0.00066 (J)
6/6/2022					<0.0025	
6/7/2022				0.0089		0.00055 (J)
8/16/2022					0.00022 (J)	
8/17/2022	0.00033 (J)		<0.001			
8/18/2022				0.0081		
8/19/2022		<0.001				0.00063 (J)
2/15/2023	0.00044 (J)		<0.001			0.00067 (J)
2/16/2023		0.00031 (J)		0.011	<0.0025	

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

Confidence Interval

Constituent: Beryllium (mg/L) Analysis Run 8/17/2026 1:07 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-9	WGWC-14A	WGWC-16	WGWC-20	WGWC-21	WGWC-22
8/11/2023				0.0099		
8/15/2023			<0.001			
8/16/2023	0.0004 (J)	0.00023 (J)				
8/17/2023					0.00021 (J)	0.0006 (J)
2/13/2024				0.012		
2/14/2024	0.00037 (J)					0.00044 (J)
2/15/2024		0.00026 (J)	<0.001		0.00021 (J)	
7/30/2024			<0.001			
7/31/2024				0.011		
8/1/2024	0.0004 (J)				0.00025 (J)	
8/2/2024		0.00025 (J)				0.00064 (J)
2/11/2025	0.00035 (J)					
2/12/2025		0.00027 (J)	<0.001	0.011		0.00061 (J)
2/13/2025					0.00033 (J)	
8/14/2025		<0.001	<0.001	0.0089		
8/18/2025						0.00065 (J)
8/19/2025	0.00037 (J)				0.00041 (J)	
2/10/2026		0.00022 (J)	<0.001	0.01		
2/11/2026					0.00047 (J)	0.00069 (J)
2/13/2026	0.00041 (J)					
Mean	0.00104	0.0006903	0.0009731	0.01008	0.001217	0.0006033
Std. Dev.	0.0009975	0.0003759	0.0001448	0.001368	0.001136	7.101E-05
Upper Lim.	0.00056	0.001	0.001	0.01115	0.0025	0.0006591
Lower Lim.	0.00036	0.00026	0.00022	0.009002	0.00021	0.0005476

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

Confidence Interval

Constituent: Beryllium (mg/L) Analysis Run 8/17/2026 1:07 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-23	WGWC-24	WGWC-25	WGWC-27	WGWC-28D	WAMW-2
10/16/2018						<0.001
8/26/2021	0.00089 (J)	0.014	0.00028 (J)			
1/11/2022	0.0012 (J)	0.014	0.0002 (J)			
3/3/2022		0.01				
3/4/2022	0.00097 (J)		<0.001			
6/6/2022	0.0011 (J)	0.0062				
6/7/2022			0.0003 (J)			
8/17/2022	0.00078 (J)		0.00022 (J)			
8/18/2022		0.0044				
10/19/2022				0.00054 (J)		
2/15/2023	0.0012 (J)	0.0099	0.00026 (J)			
2/16/2023				0.00046 (J)		
8/11/2023				0.00052 (J)		
8/15/2023			<0.001			
8/17/2023	0.0013 (J)	0.0049				
9/26/2023					0.00073 (J)	
2/14/2024		0.0065			0.0019 (J)	
2/15/2024	0.0013 (J)		<0.001	0.0012 (J)		
7/31/2024	0.0012 (J)	0.0042	<0.001			
8/1/2024				0.0013 (J)	0.0017 (J)	
2/12/2025			<0.001	0.0011 (J)	0.002 (J)	<0.001
2/13/2025	0.0016 (J)	0.0055				
8/13/2025			<0.001			
8/14/2025					0.0015	
8/18/2025		0.0017		0.001		
8/19/2025	0.001					<0.001
2/10/2026		0.0054		0.0012		
2/11/2026	0.0014		0.00015 (J)			0.0002 (J)
2/12/2026					0.0021	
Mean	0.001162	0.007225	0.0006175	0.000915	0.001655	0.0008
Std. Dev.	0.0002292	0.003903	0.0004013	0.0003497	0.0005017	0.0004
Upper Lim.	0.001341	0.01029	0.001	0.001258	0.002344	0.001
Lower Lim.	0.0009818	0.004162	0.0002	0.0005531	0.0009657	0.0002

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

Confidence Interval

Constituent: Cadmium (mg/L) Analysis Run 8/17/2026 1:07 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-10	WGWC-16	WGWC-20	WGWC-22	WGWC-24	WGWC-25
5/18/2016	<0.0007	0.000362 (J)				
7/19/2016		<0.0007				
7/20/2016	<0.0007					
9/14/2016	<0.0007	0.00037 (J)				
11/10/2016		<0.0007				
11/11/2016	<0.0007					
1/24/2017		0.00055 (J)				
2/6/2017	<0.0007					
3/15/2017	<0.0007	0.00067 (J)				
4/25/2017		0.00058 (J)				
4/26/2017	<0.0007					
8/9/2017		0.00054 (J)				
8/10/2017	<0.0007					
3/29/2018		0.00082 (J)				
3/30/2018	<0.0007					
6/14/2018	<0.0007	0.0007 (J)				
10/4/2018	<0.0007	0.00065 (J)				
2/27/2019	<0.0007	0.00055 (J)				
4/4/2019	<0.0007	0.00047 (J)				
9/18/2019		0.00017 (J)				
9/19/2019	0.00021 (J)					
2/5/2020	<0.0007					
2/7/2020		<0.0007				
3/18/2020	<0.0007	0.00022 (J)				
9/23/2020	<0.0007	<0.0007				
2/4/2021	<0.0007	<0.0007				
8/26/2021			<0.0007	<0.0007	0.00061 (J)	<0.0007
1/11/2022				<0.0007	0.0004 (J)	<0.0007
1/12/2022			0.00026 (J)			
3/3/2022	<0.0007	<0.0007			0.0003 (J)	
3/4/2022			<0.0007	0.00025 (J)		<0.0007
6/6/2022					0.0003 (J)	
6/7/2022			<0.0007	<0.0007		<0.0007
8/17/2022		<0.0007				0.00012 (J)
8/18/2022			<0.0007		0.00015 (J)	
8/19/2022	<0.0007			9E-05 (J)		
2/15/2023		8.5E-05 (J)		0.00028 (J)	0.00057 (J)	0.0001 (J)
2/16/2023	<0.0007		0.00057 (J)			
8/11/2023			0.00019 (J)			
8/15/2023		<0.0007				<0.0007
8/17/2023	<0.0007			<0.0007	9.5E-05 (J)	
2/13/2024			0.00042 (J)			
2/14/2024				0.00013 (J)	0.00023 (J)	
2/15/2024	<0.0007	<0.0007				<0.0007
7/30/2024		<0.0007				
7/31/2024	<0.0007		0.00022 (J)		0.0001 (J)	<0.0007
8/2/2024				<0.0007		
2/12/2025		<0.0007	0.00045 (J)	0.00011 (J)		<0.0007
2/13/2025	<0.0007				0.00018 (J)	
8/13/2025						<0.0007
8/14/2025		<0.0007	<0.0007			
8/18/2025				<0.0007	<0.0007	

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

Confidence Interval

Constituent: Cadmium (mg/L) Analysis Run 8/17/2026 1:07 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-10	WGWC-16	WGWC-20	WGWC-22	WGWC-24	WGWC-25
8/19/2025	<0.0007					
2/10/2026	<0.0007	<0.0007	0.00031 (J)		<0.0007	
2/11/2026				<0.0007		<0.0007
Mean	0.0006819	0.0005866	0.0004933	0.00048	0.0003612	0.0006017
Std. Dev.	9.43E-05	0.0001882	0.0002092	0.0002769	0.0002292	0.0002297
Upper Lim.	0.0007	0.0007	0.0007	0.0007	0.0004196	0.0007
Lower Lim.	0.00021	0.00054	0.00022	0.00011	0.0001376	0.00012

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

Confidence Interval

Constituent: Cadmium (mg/L) Analysis Run 8/17/2026 1:07 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-27
10/19/2022	<0.0007
2/16/2023	8E-05 (J)
8/11/2023	<0.0007
2/15/2024	<0.0007
8/1/2024	<0.0007
2/12/2025	<0.0007
8/18/2025	<0.0007
2/10/2026	<0.0007
Mean	0.0006225
Std. Dev.	0.0002192
Upper Lim.	0.0007
Lower Lim.	8E-05

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

Confidence Interval

Constituent: Chromium (mg/L) Analysis Run 8/17/2026 1:07 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-9	WGWC-10	WGWC-11	WGWC-13	WGWC-14A	WGWC-15
5/18/2016		<0.005				<0.005
5/19/2016	<0.005		<0.005	<0.005		
7/19/2016						<0.005
7/20/2016	<0.005	0.0012 (J)	<0.005	<0.005		
9/14/2016	<0.005	<0.005	<0.005	<0.005		<0.005
11/10/2016				<0.005		<0.005
11/11/2016		0.0015 (J)	<0.005			
1/24/2017						<0.005
1/27/2017			<0.005	<0.005		
2/6/2017		0.0011 (J)				
2/8/2017					<0.005	
2/9/2017	<0.005					
2/23/2017					<0.005	
3/14/2017						<0.005
3/15/2017	<0.005	0.0015 (J)	<0.005	<0.005		
3/17/2017					<0.005	
4/11/2017	<0.005				<0.005	
4/25/2017						<0.005
4/26/2017	<0.005	0.0013 (J)	0.0011 (J)	<0.005	<0.005	
5/17/2017					<0.005	
6/7/2017					<0.005	
7/11/2017					<0.005	
8/9/2017				<0.005		<0.005
8/10/2017	<0.005	0.0016 (J)	<0.005			
3/29/2018	<0.005		0.0012 (J)	<0.005	<0.005	
3/30/2018		0.0027				<0.005
6/14/2018	<0.005	0.0023 (J)	<0.005	<0.005	<0.005	<0.005
10/3/2018						<0.005
10/4/2018	<0.005	0.0031	<0.005	<0.005	<0.005	
2/27/2019		0.0031	0.0021 (J)	0.0018 (J)	<0.005	0.0015 (J)
2/28/2019	0.0025					
4/3/2019	<0.005		<0.005	<0.005	<0.005	
4/4/2019		0.0021 (J)				<0.005
9/18/2019				<0.005	<0.005	<0.005
9/19/2019	<0.005	0.0022	<0.005			
2/5/2020	<0.005	0.0022	<0.005	<0.005	0.0017 (J)	
2/7/2020						<0.005
3/18/2020		<0.005	<0.005			<0.005
3/19/2020	<0.005			<0.005	<0.005	
9/23/2020	<0.005	0.0018 (J)				<0.005
9/24/2020			<0.005	<0.005	<0.005	
2/3/2021			<0.005			
2/4/2021	<0.005	0.0018 (J)		<0.005	<0.005	<0.005
3/11/2021		0.0023		0.0019 (J)	<0.005	
3/12/2021	<0.005		0.0017 (J)			<0.005
8/25/2021			<0.005	0.0017 (J)	<0.005	
8/26/2021	<0.005	0.0024				<0.005
3/3/2022	<0.005	0.0023	<0.005	<0.005	<0.005	<0.005
8/16/2022			<0.005			
8/17/2022	<0.005					<0.005
8/18/2022				<0.005		
8/19/2022		0.0024			<0.005	

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

Confidence Interval

Constituent: Chromium (mg/L) Analysis Run 8/17/2026 1:07 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-9	WGWC-10	WGWC-11	WGWC-13	WGWC-14A	WGWC-15
2/15/2023	<0.005					<0.005
2/16/2023		0.0014 (J)	<0.005	<0.005	<0.005	
8/16/2023	<0.005		<0.005	<0.005	<0.005	<0.005
8/17/2023		0.0029				
2/14/2024	0.002					
2/15/2024		0.0036		<0.005	<0.005	<0.005
2/16/2024			<0.005			
7/31/2024		0.0029	<0.005	<0.005		<0.005
8/1/2024	<0.005					
8/2/2024					<0.005	
2/11/2025	<0.005		<0.005			
2/12/2025				0.0017 (J)	<0.005	
2/13/2025		0.0036				<0.005
8/13/2025						<0.005
8/14/2025				<0.005	<0.005	
8/18/2025			<0.005			
8/19/2025	<0.005	<0.005				
2/10/2026		<0.005	<0.005	<0.005	<0.005	<0.005
2/13/2026	<0.005					
Mean	0.00481	0.0027	0.004521	0.004555	0.004886	0.004879
Std. Dev.	0.0007123	0.001256	0.001229	0.001132	0.0006128	0.0006499
Upper Lim.	0.005	0.00213	0.005	0.005	0.005	0.005
Lower Lim.	0.0025	0.001535	0.0021	0.0019	0.0017	0.0015

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

Confidence Interval

Constituent: Chromium (mg/L) Analysis Run 8/17/2026 1:07 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-21	WGWC-23	WGWC-28D	WAMW-1
10/18/2018				<0.005
8/26/2021	<0.005	<0.005		
1/11/2022	<0.005	<0.005		
3/3/2022	<0.005			
3/4/2022		<0.005		
6/6/2022	<0.005	<0.005		
8/16/2022	<0.005			
8/17/2022		<0.005		
2/15/2023		<0.005		
2/16/2023	0.0015 (J)			
8/17/2023	<0.005	<0.005		
9/26/2023			0.002	
2/14/2024			<0.005	
2/15/2024	<0.005	<0.005		
7/31/2024		<0.005		
8/1/2024	<0.005		<0.005	
2/12/2025			<0.005	0.0012 (J)
2/13/2025	<0.005	0.0017 (J)		
8/14/2025			<0.005	<0.005
8/19/2025	<0.005	<0.005		
2/11/2026	<0.005	<0.005		
2/12/2026			<0.005	<0.005
Mean	0.004708	0.004725	0.0045	0.00405
Std. Dev.	0.00101	0.0009526	0.001225	0.0019
Upper Lim.	0.005	0.005	0.005	0.005
Lower Lim.	0.0015	0.0017	0.002	0.0012

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

Confidence Interval

Constituent: Cobalt (mg/L) Analysis Run 8/17/2026 1:07 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-9	WGWC-10	WGWC-11	WGWC-12	WGWC-13	WGWC-14A
5/18/2016		0.00201 (J)				
5/19/2016	<0.005		<0.005	<0.005	<0.005	
7/20/2016	<0.005	0.00066 (J)	0.0025	0.0013 (J)	<0.005	
9/14/2016	<0.005	0.00095 (J)	<0.005	0.00098 (J)	<0.005	
11/10/2016					<0.005	
11/11/2016		0.001 (J)	0.00052 (J)	0.0017 (J)		
1/27/2017			0.00049 (J)	0.0022 (J)	<0.005	
2/6/2017		0.00072 (J)				
2/8/2017						0.0051
2/9/2017	0.00073 (J)					
2/23/2017						0.014
3/15/2017	<0.005	0.00062 (J)	0.00064 (J)	0.0016 (J)	<0.005	
3/17/2017						0.013
4/11/2017	<0.005					0.016
4/26/2017	<0.005	0.0014 (J)	0.001 (J)	0.00026 (J)	<0.005	0.01
5/17/2017						0.011
6/7/2017						0.01
7/11/2017						0.0085
8/9/2017					0.0004 (J)	
8/10/2017	<0.005	<0.005	0.0011 (J)	0.00049 (J)		
3/29/2018	<0.005		<0.005	0.0008 (J)	0.0008 (J)	0.015
3/30/2018		0.0035				
6/14/2018	<0.005	0.0012 (J)	<0.005	0.00067 (J)	0.00054 (J)	0.011
10/4/2018	<0.005	0.00086 (J)	<0.005	0.00079 (J)	<0.005	0.0055
2/27/2019		0.0005 (J)	0.0022 (J)	0.0006 (J)	0.00013 (J)	0.0049
2/28/2019	<0.005					
4/3/2019	<0.005		0.00081 (J)	0.00043 (J)	<0.005	0.0056
4/4/2019		0.0017 (J)				
9/18/2019					<0.005	0.005
9/19/2019	<0.005	0.0023	<0.005	0.00028 (J)		
2/5/2020	<0.005	0.0013	0.00026 (J)	0.00058	<0.005	0.0044
3/18/2020		0.0012 (J)	0.00069 (J)	0.00071 (J)		
3/19/2020	<0.005				<0.005	0.0039
9/23/2020	<0.005	0.00062 (J)		0.00039 (J)		
9/24/2020			<0.005		0.00032 (J)	0.0035
2/3/2021			0.00072 (J)	0.00017 (J)		
2/4/2021	<0.005	0.00059 (J)			<0.005	0.0041
3/11/2021		0.00058 (J)			<0.005	0.0037
3/12/2021	<0.005		0.0022 (J)	0.00042 (J)		
8/25/2021			0.00045 (J)	0.0005 (J)	<0.005	0.0029
8/26/2021	<0.005	0.00044 (J)				
3/3/2022	<0.005	0.00045 (J)	0.00026 (J)		<0.005	0.0024 (J)
3/4/2022				0.00056 (J)		
8/16/2022			<0.005			
8/17/2022	<0.005					
8/18/2022				0.00034 (J)	<0.005	
8/19/2022		0.0014 (J)				0.002 (J)
2/15/2023	<0.005					
2/16/2023		<0.005	<0.005	0.0004 (J)	<0.005	0.0022 (J)
8/16/2023	<0.005		<0.005	0.00025 (J)	0.00024 (J)	0.002 (J)
8/17/2023		0.00038 (J)				
2/14/2024	<0.005			0.00045 (J)		

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

Confidence Interval

Constituent: Cobalt (mg/L) Analysis Run 8/17/2026 1:07 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-9	WGWC-10	WGWC-11	WGWC-12	WGWC-13	WGWC-14A
2/15/2024		<0.005			<0.005	0.0017 (J)
2/16/2024			<0.005			
7/31/2024		<0.005	<0.005	0.00029 (J)	<0.005	
8/1/2024	<0.005					
8/2/2024						0.0016 (J)
2/11/2025	<0.005		<0.005	0.00033 (J)		
2/12/2025					0.00029 (J)	0.0015 (J)
2/13/2025		<0.005				
8/14/2025					<0.005	0.0014 (J)
8/15/2025				<0.005		
8/18/2025			0.00043 (J)			
8/19/2025	<0.005	<0.005				
2/10/2026		<0.005	<0.005		<0.005	0.0016 (J)
2/11/2026				0.00052 (J)		
2/13/2026	<0.005					
Mean	0.004853	0.002048	0.002906	0.0007934	0.003887	0.005983
Std. Dev.	0.0007929	0.001815	0.002124	0.0006706	0.002011	0.004533
Upper Lim.	0.005	0.0035	0.005	0.00084	0.005	0.007248
Lower Lim.	0.00073	0.00062	0.00069	0.0004348	0.0008	0.003512

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

Confidence Interval

Constituent: Cobalt (mg/L) Analysis Run 8/17/2026 1:07 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-15	WGWC-16	WGWC-17	WGWC-19	WGWC-20	WGWC-21
5/18/2016	<0.005	0.0069 (J)	0.00245 (J)			
7/19/2016	<0.005	0.012				
7/20/2016			0.0018 (J)			
9/14/2016	<0.005	0.013	0.0014 (J)			
11/10/2016	<0.005	0.016	0.0016 (J)			
11/11/2016				<0.005		
1/20/2017			0.0014 (J)			
1/24/2017	<0.005	0.015				
2/6/2017				0.00058 (J)		
3/14/2017	<0.005		0.0023 (J)			
3/15/2017		0.014		0.00045 (J)		
4/11/2017				<0.005		
4/25/2017	<0.005	0.014	0.0023 (J)			
4/26/2017				<0.005		
6/7/2017				<0.005		
7/11/2017				<0.005		
8/9/2017	<0.005	0.016	0.0011 (J)			
8/10/2017				0.00049 (J)		
3/29/2018		0.0092		<0.005		
3/30/2018	<0.005		0.0016 (J)			
6/14/2018	<0.005	0.0035	0.00055 (J)	<0.005		
10/3/2018	<0.005					
10/4/2018		0.0078	0.00041 (J)	<0.005		
2/26/2019			0.00086 (J)			
2/27/2019	<0.005	0.00084 (J)				
2/28/2019				0.00019 (J)		
4/2/2019				<0.005		
4/4/2019	<0.005	0.00077 (J)	<0.005			
9/18/2019	<0.005	0.00011 (J)	0.00018 (J)	0.00045 (J)		
2/7/2020	<0.005	0.00016 (J)	0.00077	0.00024 (J)		
3/18/2020	<0.005	0.00016 (J)	0.00052 (J)			
5/4/2020				0.00018 (J)		
9/23/2020	<0.005	<0.005	0.0009 (J)	0.00024 (J)		
2/3/2021				0.00025 (J)		
2/4/2021	0.00015 (J)	0.00026 (J)	0.00042 (J)			
3/11/2021		0.00013 (J)	0.00035 (J)	0.00022 (J)		
3/12/2021	<0.005					
8/25/2021		<0.005	0.00042 (J)			
8/26/2021	<0.005			0.00022 (J)	0.00046 (J)	0.00042 (J)
1/11/2022						0.00032 (J)
1/12/2022					0.00037 (J)	
3/3/2022	<0.005	<0.005		0.00034 (J)		0.00042 (J)
3/4/2022			0.00026 (J)		<0.005	
6/6/2022						0.001 (J)
6/7/2022					<0.005	
8/16/2022			<0.005			0.00039 (J)
8/17/2022	<0.005	<0.005		<0.005		
8/18/2022					<0.005	
2/15/2023	<0.005	<0.005				
2/16/2023			<0.005	0.00053 (J)	<0.005	<0.005
8/11/2023					<0.005	
8/15/2023		<0.005				

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

Confidence Interval

Constituent: Cobalt (mg/L) Analysis Run 8/17/2026 1:07 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-15	WGWC-16	WGWC-17	WGWC-19	WGWC-20	WGWC-21
8/16/2023	<0.005		<0.005	0.00026 (J)		
8/17/2023						<0.005
2/13/2024					<0.005	
2/15/2024	<0.005	<0.005	<0.005	<0.005		<0.005
7/30/2024		<0.005				
7/31/2024	<0.005		<0.005	0.00024 (J)	<0.005	
8/1/2024						<0.005
2/11/2025			<0.005			
2/12/2025		<0.005			<0.005	
2/13/2025	<0.005			<0.005		<0.005
8/13/2025	<0.005		<0.005			
8/14/2025		<0.005		<0.005	<0.005	
8/19/2025						<0.005
2/10/2026	<0.005	<0.005			<0.005	
2/11/2026			0.00081 (J)	<0.005		<0.005
Mean	0.004833	0.006373	0.002152	0.002582	0.004236	0.003129
Std. Dev.	0.0009006	0.005161	0.001889	0.002379	0.001785	0.002318
Upper Lim.	0.005	0.0092	0.0009735	0.005	0.005	0.005
Lower Lim.	0.00015	0.0035	0.0004936	0.00025	0.00046	0.00039

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

Confidence Interval

Constituent: Cobalt (mg/L) Analysis Run 8/17/2026 1:07 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-22	WGWC-23	WGWC-24	WGWC-25	WGWC-27	WGWC-28D
8/26/2021	0.00038 (J)	0.00017 (J)	0.13	0.005		
1/11/2022	0.00025 (J)	0.00016 (J)	0.11	0.0048		
3/3/2022			0.086			
3/4/2022	0.00034 (J)	<0.005		0.004		
6/6/2022		<0.005	0.042			
6/7/2022	<0.005			0.0043		
8/17/2022		<0.005		0.0037		
8/18/2022			0.031			
8/19/2022	<0.005					
10/19/2022					0.002 (J)	
2/15/2023	<0.005	<0.005	0.084	0.0049		
2/16/2023					0.0013 (J)	
8/11/2023					0.0018 (J)	
8/15/2023				0.0081		
8/17/2023	<0.005	<0.005	0.035			
9/26/2023						0.00072 (J)
2/14/2024	<0.005		0.045			0.00064 (J)
2/15/2024		<0.005		0.0062	0.0018 (J)	
7/31/2024		<0.005	0.027	0.0088		
8/1/2024					0.0026	<0.005
8/2/2024	<0.005					
2/12/2025	<0.005			0.0085	0.002 (J)	0.00024 (J)
2/13/2025		0.00022 (J)	0.039			
8/13/2025				0.0097		
8/14/2025						<0.005
8/18/2025	<0.005		0.02		0.0014 (J)	
8/19/2025		<0.005				
2/10/2026			0.035		0.0013 (J)	
2/11/2026	<0.005	<0.005		0.0081		
2/12/2026						<0.005
Mean	0.003831	0.003796	0.057	0.006342	0.001775	0.002767
Std. Dev.	0.002115	0.002178	0.03607	0.002155	0.0004432	0.002452
Upper Lim.	0.005	0.005	0.08103	0.008032	0.002245	0.005
Lower Lim.	0.00034	0.00017	0.02992	0.004651	0.001305	0.00024

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

Confidence Interval

Constituent: Cobalt (mg/L) Analysis Run 8/17/2026 1:07 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WAMW-1	WAMW-2	PZ-26D
10/16/2018		<0.005	
10/18/2018	<0.0025		
8/17/2023			0.017
2/15/2024			0.0069
8/1/2024			0.0081
2/12/2025	<0.0025	0.001 (J)	
2/13/2025			0.0011 (J)
8/13/2025			0.0086
8/14/2025	0.002 (J)		
8/19/2025		<0.005	
2/11/2026		0.0006 (J)	
2/12/2026	0.0012 (J)		0.00097 (J)
Mean	0.00205	0.0029	0.007112
Std. Dev.	0.0006137	0.00243	0.005914
Upper Lim.	0.002508	0.001307	0.01524
Lower Lim.	0.0006919	0.0003987	0

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

Confidence Interval

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 8/17/2026 1:07 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-9	WGWC-10	WGWC-11	WGWC-12	WGWC-13	WGWC-14A
5/18/2016		0.182 (U)				
5/19/2016	0.209 (U)		0.431 (U)	0.0698 (U)	0.219 (U)	
7/20/2016	-0.084 (U)	-0.135 (U)	-0.263 (U)	-0.0646 (U)	0.404 (U)	
9/14/2016	0.42 (U)	0.311 (U)	0.13 (U)	0.199 (U)	0.692	
11/10/2016					1	
11/11/2016		0.542	0.0257 (U)	0.467		
1/27/2017			0.898	0.836	0.668	
2/6/2017		0.104 (U)				
2/8/2017						0.958
2/9/2017	0.393					
2/23/2017						0.771
3/15/2017	0.271 (U)	0.523	0.121 (U)	0.254 (U)	0.847	
3/17/2017						1.7
4/11/2017	0.488 (U)					0.901
4/26/2017	0.14 (U)	0.069 (U)	0.0309 (U)	0.267 (U)	0.408 (U)	0.434
5/17/2017						0.632
6/7/2017						1.06
7/11/2017						0.716
8/9/2017					0.816	
8/10/2017	0.379	0.189 (U)	0.326 (U)	0.912		
3/29/2018	0.278 (U)		0.461	0.419	0.51	0.58
3/30/2018		0.575				
6/14/2018	0.157 (U)	0.523	0.275 (U)	-0.263 (U)	0.463	0.55
10/4/2018	0.48	0.84	1.18	1.29	0.99	0.563
2/27/2019		0.236 (U)	0.374	0.415	1.08	0.538
2/28/2019	0.271 (U)					
4/3/2019	0.0621 (U)		0.187 (U)	0.264 (U)	0.446	0.497
4/4/2019		0.233 (U)				
9/18/2019					0.392	0.376 (U)
9/19/2019	0.537	0.124 (U)	0.338 (U)	0.329 (U)		
2/5/2020	-0.137 (U)	0.0961 (U)	0.163 (U)	0.225 (U)	0.609	0.5
3/18/2020		0.461 (U)	0.866	-0.0262 (U)		
3/19/2020	0.23 (U)				0.47	0.376 (U)
9/23/2020	0.0587 (U)	0.442 (U)		0.785		
9/24/2020			1.2		1.02	0.796
2/3/2021			0.718	0.322 (U)		
2/4/2021	0.353 (U)	0.0332 (U)			0.139 (U)	0.564
3/11/2021		0.42 (U)			0.473	0.764
3/12/2021	0.831		0.0729 (U)	0.633		
8/25/2021			0.401	0.443 (U)	0.913	0.705
8/26/2021	0.681	0.321 (U)				
3/3/2022	0.431 (U)	0.587	0.622		0.621	0.956
3/4/2022				0.408		
8/16/2022			0.5			
8/17/2022	0.139 (U)					
8/18/2022				0.279 (U)	0.719	
8/19/2022		0.497 (U)				0.932
2/15/2023	0.0109 (U)					
2/16/2023		0.326 (U)	0.417 (U)	0.388 (U)	0.2 (U)	0.455 (U)
8/16/2023	0.209 (U)		0.297 (U)	0.45 (U)	-0.09 (U)	0.277 (U)
8/17/2023		-0.112 (U)				
2/14/2024	0.279 (U)			0.813		

Confidence Interval

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 8/17/2026 1:07 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-9	WGWC-10	WGWC-11	WGWC-12	WGWC-13	WGWC-14A
2/15/2024		0.126 (U)			0.585	0.482 (U)
2/16/2024			-0.00801 (U)			
7/31/2024		1.33	0.791	1.07	0.823	
8/1/2024	0.818					
8/2/2024						0.774
2/11/2025	2.41		1.28	0.892		
2/12/2025					0.589	0.968
2/13/2025		0.44 (U)				
8/14/2025					0.968	0.687 (U)
8/15/2025				0.0108 (U)		
8/18/2025			0.251 (U)			
8/19/2025	0.51 (U)	0.8				
2/10/2026		0.433 (U)	-0.0859 (U)		0.44 (U)	0.563
2/11/2026				0.714 (U)		
2/13/2026	0.496 (U)					
Mean	0.3904	0.3626	0.4138	0.4414	0.6005	0.6922
Std. Dev.	0.4551	0.3049	0.3936	0.3595	0.2903	0.2817
Upper Lim.	0.488	0.5023	0.5941	0.6061	0.7335	0.7919
Lower Lim.	0.157	0.223	0.2335	0.2767	0.4675	0.5547

Confidence Interval

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 8/17/2026 1:07 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-15	WGWC-16	WGWC-17	WGWC-19	WGWC-20	WGWC-21
5/18/2016	0.569	1.03	0.116 (U)			
7/19/2016	0.29 (U)	2.39				
7/20/2016			0.247 (U)			
9/14/2016	0.412 (U)	3.05	0.594			
11/10/2016	0.709	2.87	0.431			
11/11/2016				-0.11 (U)		
1/20/2017			1.35			
1/24/2017	0.779	2.68				
2/6/2017				0.471		
3/14/2017	0.247 (U)		-0.107 (U)			
3/15/2017		1.64		0.255 (U)		
4/11/2017				0.19 (U)		
4/25/2017	0.515	0.878	0.228 (U)			
4/26/2017				0.22 (U)		
6/7/2017				0.126 (U)		
7/11/2017				0.511		
8/9/2017	1.7	2.5	-0.0246 (U)			
8/10/2017				0.882		
3/29/2018		1.6		0.252 (U)		
3/30/2018	0.0985 (U)		0.135 (U)			
6/14/2018	0.171 (U)	1.09	-0.373 (U)	0.0458 (U)		
10/3/2018	0.766					
10/4/2018		1.99	0.775	0.381		
2/26/2019			0.431			
2/27/2019	0.363 (U)	0.721				
2/28/2019				0.254 (U)		
4/2/2019				0.209 (U)		
4/4/2019	0.418	0.632	0.386			
9/18/2019	0.484	0.278 (U)	0.167 (U)	0.403 (U)		
2/7/2020	0.125 (U)	0.797	0.244 (U)	0.2 (U)		
3/18/2020	0.303 (U)	0.437	0.0655 (U)			
5/4/2020				0.0697 (U)		
9/23/2020	0.448 (U)	0.276 (U)	0.643	1.18		
2/3/2021				0.684		
2/4/2021	0.488 (U)	0.727	0.438 (U)			
3/11/2021		0.942	0.247 (U)	0.286 (U)		
3/12/2021	0.591					
8/25/2021		0.518	0.565			
8/26/2021	0.678			0.796	1.6	1.17
1/11/2022						0.919
1/12/2022					1.09	
3/3/2022	0.358 (U)	0.573		0.909		1.31
3/4/2022			0.573		0.925	
6/6/2022						2.61
6/7/2022					0.67	
8/16/2022			0.668			1.35
8/17/2022	0.563	0.946		0.155 (U)		
8/18/2022					0.994	
2/15/2023	0.0878 (U)	0.734				
2/16/2023			0.121 (U)	0.248 (U)	0.853	0.617
8/11/2023					0.591 (U)	
8/15/2023		0.732				

Confidence Interval

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 8/17/2026 1:07 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-15	WGWC-16	WGWC-17	WGWC-19	WGWC-20	WGWC-21
8/16/2023	0.0271 (U)		0.533 (U)	0.369 (U)		
8/17/2023						2.44
2/13/2024					1.06	
2/15/2024	0.607	0.582	0.257 (U)	0.523		1.3
7/30/2024		0.628				
7/31/2024	1.17		0.594 (U)	1.53	1.15	
8/1/2024						0.417 (U)
2/11/2025			0.639 (U)			
2/12/2025		1.14			1.12	
2/13/2025	1.11			0.187 (U)		1.7
8/13/2025	0.907		0.615			
8/14/2025		0.94		0.998	0.715 (U)	
8/19/2025						1.14
2/10/2026	0.821	0.423 (U)			0.433 (U)	
2/11/2026			0.866	0.39 (U)		2.14 (U)
Mean	0.545	1.164	0.3939	0.435	0.9334	1.426
Std. Dev.	0.365	0.8156	0.338	0.3731	0.3107	0.6827
Upper Lim.	0.7122	1.399	0.5488	0.523	1.177	1.962
Lower Lim.	0.3778	0.7411	0.2391	0.2	0.6897	0.8904

Confidence Interval

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 8/17/2026 1:07 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-22	WGWC-23	WGWC-24	WGWC-25	WGWC-27	WGWC-28D
8/26/2021	3.54	0.703	1.63	1.12		
1/11/2022	6.91	0.218 (U)	0.749	0.606		
3/3/2022			0.893			
3/4/2022	7.57	0.437 (U)		0.818		
6/6/2022		1.45	0.845			
6/7/2022	4.67			0.5		
8/17/2022		0.976		0.763		
8/18/2022			1.03			
8/19/2022	3.07					
10/19/2022					0.185 (U)	
2/15/2023	5.98	0.985	0.974	0.873		
2/16/2023					2.16	
8/11/2023					3.88	
8/15/2023				0.581 (U)		
8/17/2023	4.47	1.91	1.62			
9/26/2023						15.4
2/14/2024	5.46		0.674			13.3
2/15/2024		0.232 (U)		0.672	5.82	
7/31/2024		1.69	1.34	1.25		
8/1/2024					5.4	7.77
8/2/2024	4.11					
2/12/2025	4.31			1.43	5.08	7.79
2/13/2025		1.31 (U)	0.801			
8/13/2025				1.29		
8/14/2025						8.52
8/18/2025	5.52		1.28		2.97	
8/19/2025		1.74				
2/10/2026			0.848		2.81	
2/11/2026	4.6	0.713		0.452 (U)		
2/12/2026						10.4
Mean	5.018	1.03	1.057	0.8629	3.538	10.53
Std. Dev.	1.327	0.59	0.331	0.3323	1.896	3.18
Upper Lim.	6.059	1.493	1.317	1.124	5.548	14.9
Lower Lim.	3.976	0.5674	0.7973	0.6022	1.528	6.161

Confidence Interval

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 8/17/2026 1:07 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WAMW-1	WAMW-2	PZ-26D
10/16/2018		0.476	
10/18/2018	0.314 (U)		
8/17/2023			1.44
2/15/2024			1.06
8/1/2024			1.07
2/12/2025	0.557	0.8	
2/13/2025			0.648
8/13/2025			0.714 (U)
8/14/2025	0.987		
8/19/2025		1.11	
2/11/2026		1.39	
2/12/2026	0.718		0.698
Mean	0.644	0.944	0.9383
Std. Dev.	0.2826	0.3942	0.3086
Upper Lim.	1.286	1.839	1.362
Lower Lim.	0.002391	0.04898	0.5144

Confidence Interval

Constituent: Fluoride (mg/L) Analysis Run 8/17/2026 1:07 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-9	WGWC-10	WGWC-11	WGWC-12	WGWC-13	WGWC-14A
5/18/2016		0.206 (J)				
5/19/2016	1.58		0.039 (J)	0.12 (J)	0.384	
7/20/2016	2	0.23	<0.2	0.11 (J)	0.34	
9/14/2016	1.8	0.17 (J)	<0.2	0.095 (J)	0.31	
11/10/2016					0.26	
11/11/2016		0.14 (J)	<0.2	<0.2		
1/27/2017			<0.2	<0.2	0.28	
2/6/2017		0.15 (J)				
2/8/2017						<0.2
2/9/2017	1.3					
2/23/2017						<0.2
3/15/2017	1.3	0.16 (J)	<0.2	<0.2	0.3	
3/17/2017						<0.2
4/11/2017	1.4					<0.2
4/26/2017	1.5	0.17 (J)	<0.2	<0.2	0.33	<0.2
5/17/2017						<0.2
6/7/2017						<0.2
7/11/2017						<0.2
8/9/2017					0.32	
8/10/2017	1.6	0.2	<0.2	0.11 (J)		
10/11/2017						<0.2
10/12/2017	1.5	0.14 (J)	<0.2	0.091 (J)	0.28	
3/29/2018	1.4		<0.2	0.089 (J)	0.27	<0.2
3/30/2018		0.13 (J)				
6/14/2018	1.4	0.15 (J)	<0.2	0.1 (J)	0.27	<0.2
10/4/2018	1.4	0.18 (J)	<0.2	0.12 (J)	0.23	<0.2
2/27/2019		0.21	0.047 (J)	0.06 (J)	0.25	<0.2
2/28/2019	1.4					
4/3/2019	1.3		0.048 (J)	0.084 (J)	0.24	0.048 (J)
4/4/2019		0.13 (J)				
9/18/2019					0.22	0.035 (J)
9/19/2019	1.3	0.13 (J)	0.037 (J)	0.093 (J)		
2/5/2020	1.3	0.14	0.045 (J)	0.098 (J)	0.2	0.04 (J)
3/18/2020		0.052 (J)	<0.2	0.033 (J)		
3/19/2020	1				0.15	<0.2
9/23/2020	0.82	0.09 (J)		0.064 (J)		
9/24/2020			0.18		<0.2	0.028 (J)
2/3/2021			0.027 (J)	0.082 (J)		
2/4/2021	0.91	0.12			0.16	0.033 (J)
3/11/2021		0.15			0.18	0.04 (J)
3/12/2021	0.98		0.044 (J)	0.096 (J)		
8/25/2021			0.056 (J)	0.14	0.2	0.071 (J)
8/26/2021	1	0.16				
3/3/2022	1	0.067 (J)	0.055 (J)		0.21	0.057 (J)
3/4/2022				0.068 (J)		
8/16/2022			<0.2			
8/17/2022	0.9					
8/18/2022				0.073 (J)	0.14	
8/19/2022		0.1				<0.2
2/15/2023	0.85					
2/16/2023		0.11	0.041 (J)	0.089 (J)	0.15	<0.2
8/16/2023	0.9		0.041 (J)	0.083 (J)	0.13	0.04 (J)

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

Confidence Interval

Constituent: Fluoride (mg/L) Analysis Run 8/17/2026 1:07 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-9	WGWC-10	WGWC-11	WGWC-12	WGWC-13	WGWC-14A
8/17/2023		0.1				
2/14/2024	0.73			0.044 (J)		
2/15/2024		<0.2			0.21 (J)	<0.2
2/16/2024			<0.2			
7/31/2024		0.1	<0.2	0.077 (J)	0.15	
8/1/2024	0.9					
8/2/2024						<0.2
2/11/2025	0.4		<0.2	<0.2		
2/12/2025					<0.2	<0.2
2/13/2025		<0.2				
8/14/2025					0.26	0.2
8/15/2025				0.22		
8/18/2025			0.17 (J)			
8/19/2025	0.9	0.3				
2/10/2026		0.18 (J)	0.1 (J)		0.22	0.1 (J)
2/11/2026				0.16 (J)		
2/13/2026	0.96					
Mean	1.191	0.1455	0.1377	0.1133	0.2281	0.1497
Std. Dev.	0.3489	0.0515	0.07528	0.05232	0.07356	0.07332
Upper Lim.	1.348	0.1687	0.2	0.1038	0.2612	0.2
Lower Lim.	1.034	0.1223	0.048	0.07351	0.1951	0.071

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

Confidence Interval

Constituent: Fluoride (mg/L) Analysis Run 8/17/2026 1:07 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-15	WGWC-16	WGWC-17	WGWC-19	WGWC-20	WGWC-21
5/18/2016	0.779	0.1 (J)	0.121 (J)			
7/19/2016	0.97	0.14 (J)				
7/20/2016			0.16 (J)			
9/14/2016	0.89	0.18 (J)	0.19 (J)			
11/10/2016	0.88	0.11 (J)	0.15 (J)			
11/11/2016				0.32		
1/20/2017			0.18 (J)			
1/24/2017	0.92	0.15 (J)				
2/6/2017				0.45		
3/14/2017	0.77		0.11 (J)			
3/15/2017		0.1 (J)		0.37		
4/11/2017				0.37		
4/25/2017	0.95	0.13 (J)	0.13 (J)			
4/26/2017				0.4		
6/7/2017				0.35		
7/11/2017				0.39		
8/9/2017	0.91	0.18 (J)	0.19 (J)			
8/10/2017				0.42		
10/11/2017	0.88	<0.2	0.14 (J)			
10/12/2017				0.36		
3/29/2018		0.13 (J)		0.34		
3/30/2018	0.79		0.095 (J)			
6/14/2018	0.79	<0.2	0.11 (J)	0.35		
10/3/2018	0.79					
10/4/2018		0.85 (J)	0.11 (J)	0.35		
2/26/2019			0.068 (J)			
2/27/2019	0.81	0.47				
2/28/2019				0.28		
4/2/2019				0.33		
4/4/2019	0.78	0.08 (J)	0.087 (J)			
9/18/2019	0.81	0.058 (J)	0.066 (J)	0.32		
2/7/2020	0.79	0.072 (J)	0.079 (J)	0.35		
3/18/2020	0.71	0.084 (J)	<0.2			
5/4/2020				0.36		
9/23/2020	0.63	0.049 (J)	0.05 (J)	0.25		
2/3/2021				0.3		
2/4/2021	0.69	0.052 (J)	0.064 (J)			
3/8/2021					1.8	
3/9/2021						1.7
3/11/2021		0.061 (J)	0.05 (J)	0.31		
3/12/2021	0.88					
4/7/2021						1.6
4/8/2021					1.7	
8/25/2021		0.099 (J)	0.093 (J)			
8/26/2021	0.77			0.38	2	2
1/11/2022						1.9
1/12/2022					1.8	
3/3/2022	0.88	0.067 (J)		0.4		1.8
3/4/2022			0.06 (J)		2	
6/6/2022						1.9
6/7/2022					2.5	
8/16/2022			0.06 (J)			1.8

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

Confidence Interval

Constituent: Fluoride (mg/L) Analysis Run 8/17/2026 1:07 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-15	WGWC-16	WGWC-17	WGWC-19	WGWC-20	WGWC-21
8/17/2022	0.68	0.062 (J)		0.28		
8/18/2022					2	
2/15/2023	0.73	0.076 (J)				
2/16/2023			0.069 (J)	0.33	1.9	1.9
8/11/2023					2.1	
8/15/2023		0.065 (J)				
8/16/2023	0.73		0.064 (J)	0.34		
8/17/2023						1.8
2/13/2024					<0.2	
2/15/2024	0.89	<0.2	<0.2	0.4		2.2
7/30/2024		<0.2				
7/31/2024	0.62		0.049 (J)	0.28	1.8	
8/1/2024						<0.2
2/11/2025			<0.2			
2/12/2025		<0.2			<0.2	
2/13/2025	0.72			0.058 (J)		<0.2
8/13/2025	0.74		0.22			
8/14/2025		0.23		0.45	2.4	
8/19/2025						2
2/10/2026	0.83	0.15 (J)			2	
2/11/2026			0.17 (J)	0.35		2
Mean	0.8003	0.1582	0.1078	0.3413	1.729	1.629
Std. Dev.	0.09088	0.1554	0.04793	0.07203	0.7248	0.6638
Upper Lim.	0.8412	0.1301	0.1294	0.374	2.166	1.993
Lower Lim.	0.7594	0.07333	0.08629	0.3211	1.603	1.554

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

Confidence Interval

Constituent: Fluoride (mg/L) Analysis Run 8/17/2026 1:07 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-22	WGWC-23	WGWC-24	WGWC-25	WGWC-27	WGWC-28D
3/8/2021				<0.2		
3/9/2021	1.1	0.092 (J)	1			
4/7/2021		0.093 (J)	1.1			
4/8/2021	1.4			0.028 (J)		
8/26/2021	0.51	0.081 (J)	1.2	0.047 (J)		
1/11/2022	0.45	0.045 (J)	1	0.028 (J)		
3/3/2022			0.71			
3/4/2022	0.42	0.045 (J)		0.038 (J)		
6/6/2022		0.028 (J)	0.43			
6/7/2022	0.37			<0.2		
8/17/2022		0.043 (J)		<0.2		
8/18/2022			0.24			
8/19/2022	0.31					
10/19/2022					0.52	
2/15/2023	0.31	0.048 (J)	0.63	<0.2		
2/16/2023					0.92	
8/11/2023					1.1	
8/15/2023				0.049 (J)		
8/17/2023	0.32	0.045 (J)	0.28			
9/26/2023						1.6
11/7/2023						2.1
2/14/2024	0.23		<0.2			<0.2
2/15/2024		<0.2		<0.2	1.2	
7/31/2024		0.045 (J)	0.1 (J)	<0.2		
8/1/2024					0.66	<0.2
8/2/2024	<0.2					
2/12/2025	<0.2			<0.2	<0.2	<0.2
2/13/2025		<0.2	<0.2			
8/13/2025				<0.2		
8/14/2025						1.3
8/18/2025	0.34		0.28		0.92	
8/19/2025		0.18 (J)				
11/13/2025						4.4 (R)
2/10/2026			0.28		0.8	
2/11/2026	0.28	0.1 (J)		0.099 (J)		
2/12/2026						1.9
Mean	0.4457	0.07464	0.5321	0.1349	0.7775	1.488
Std. Dev.	0.3644	0.0403	0.4014	0.07968	0.3511	1.417
Upper Lim.	0.6128	0.09867	0.7702	0.2	1.15	2.811
Lower Lim.	0.2111	0.04649	0.2248	0.038	0.4054	0.2416

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Fluoride (mg/L) Analysis Run 8/17/2026 1:07 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WAMW-1	WAMW-2	PZ-26D
10/16/2018		0.47	
10/18/2018	0.6		
3/9/2021			0.26
4/7/2021			0.22
8/17/2023			0.22
2/15/2024			0.29 (J)
8/1/2024			0.1 (J)
12/9/2024		0.27	
1/8/2025	0.33		
2/12/2025	<0.2	0.13	
2/13/2025			<0.2
8/13/2025			0.33
8/14/2025	0.56		
8/19/2025		0.44	
2/11/2026		0.32	
2/12/2026	0.38		0.29
Mean	0.414	0.326	0.2263
Std. Dev.	0.1658	0.1372	0.08618
Upper Lim.	0.6625	0.5559	0.3176
Lower Lim.	0.1655	0.09606	0.1349

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Lead (mg/L) Analysis Run 8/17/2026 1:07 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-9	WGWC-10	WGWC-11	WGWC-12	WGWC-13	WGWC-14A
5/18/2016		<0.001				
5/19/2016	<0.001		<0.001	<0.001	<0.001	
7/20/2016	<0.001	<0.001	<0.001	<0.001	<0.001	
9/14/2016	<0.001	<0.001	<0.001	<0.001	0.00055 (J)	
11/10/2016					0.00047 (J)	
11/11/2016		<0.001	<0.001	<0.001		
1/27/2017			<0.001	<0.001	<0.001	
2/6/2017		<0.001				
2/8/2017						<0.001
2/9/2017	<0.001					
2/23/2017						<0.001
3/15/2017	<0.001	<0.001	<0.001	<0.001	<0.001	
3/17/2017						<0.001
4/11/2017	<0.001					<0.001
4/26/2017	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
5/17/2017						<0.001
6/7/2017						<0.001
7/11/2017						<0.001
8/9/2017					<0.001	
8/10/2017	<0.001	<0.001	<0.001	<0.001		
3/29/2018	<0.001		<0.001	<0.001	<0.001	<0.001
3/30/2018		<0.001				
2/27/2019		0.00023 (J)	0.00058 (J)	<0.001	0.00068 (J)	<0.001
2/28/2019	0.00014 (J)					
4/3/2019	<0.001		<0.001	<0.001	0.00047 (J)	<0.001
4/4/2019		<0.001				
9/18/2019					0.00045 (J)	<0.001
9/19/2019	<0.001	0.00041 (J)	<0.001	<0.001		
2/5/2020	<0.001	0.00016 (J)	<0.001	<0.001	0.00045 (J)	<0.001
3/18/2020		0.00021 (J)	<0.001	<0.001		
3/19/2020	<0.001				0.0006 (J)	0.00017 (J)
9/23/2020	<0.001	0.00013 (J)		<0.001		
9/24/2020			0.00037 (J)		<0.001	0.00018 (J)
2/3/2021			<0.001	<0.001		
2/4/2021	<0.001	0.00019 (J)			0.00038 (J)	0.00013 (J)
3/11/2021		0.00032 (J)			0.00075 (J)	0.00031 (J)
3/12/2021	<0.001		0.00038 (J)	<0.001		
8/25/2021			0.00023 (J)	<0.001	0.00025 (J)	0.00041 (J)
8/26/2021	<0.001	0.00026 (J)				
3/3/2022	<0.001	0.00025 (J)	<0.001		0.00023 (J)	0.00057 (J)
3/4/2022				0.00033 (J)		
8/16/2022			<0.001			
8/17/2022	<0.001					
8/18/2022				<0.001	0.0011	
8/19/2022		0.0003 (J)				0.00036 (J)
2/15/2023	<0.001					
2/16/2023		<0.001	<0.001	<0.001	0.00027 (J)	0.00024 (J)
8/16/2023	<0.001		<0.001	<0.001	0.00025 (J)	0.00022 (J)
8/17/2023		<0.001				
2/14/2024	<0.001			<0.001		
2/15/2024		0.0007 (J)			<0.001	0.00029 (J)
2/16/2024			<0.001			

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Lead (mg/L) Analysis Run 8/17/2026 1:07 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-9	WGWC-10	WGWC-11	WGWC-12	WGWC-13	WGWC-14A
7/31/2024		<0.001	<0.001	<0.001	0.00026 (J)	
8/1/2024	<0.001					
8/2/2024						<0.001
2/11/2025	<0.001		<0.001	<0.001		
2/12/2025					0.00022 (J)	<0.001
2/13/2025		<0.001				
8/14/2025					<0.001	<0.001
8/15/2025				<0.001		
8/18/2025			<0.001			
8/19/2025	<0.001	<0.001				
2/10/2026		<0.001	<0.001		<0.001	<0.001
2/11/2026				<0.001		
2/13/2026	<0.001					
Mean	0.0009681	0.0007096	0.0009096	0.0009752	0.0006807	0.0007363
Std. Dev.	0.0001655	0.00037	0.0002262	0.0001289	0.0003248	0.0003589
Upper Lim.	0.001	0.001	0.001	0.001	0.001	0.001
Lower Lim.	0.00014	0.00026	0.00058	0.00033	0.00038	0.00031

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Lead (mg/L) Analysis Run 8/17/2026 1:07 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-15	WGWC-16	WGWC-17	WGWC-19	WGWC-22	WGWC-23
5/18/2016	<0.001	<0.001	<0.001			
7/19/2016	<0.001	<0.001				
7/20/2016			<0.001			
9/14/2016	<0.001	<0.001	<0.001			
11/10/2016	<0.001	<0.001	<0.001			
11/11/2016				<0.001		
1/20/2017			<0.001			
1/24/2017	<0.001	<0.001				
2/6/2017				<0.001		
3/14/2017	<0.001		<0.001			
3/15/2017		<0.001		<0.001		
4/11/2017				<0.001		
4/25/2017	<0.001	<0.001	<0.001			
4/26/2017				<0.001		
6/7/2017				<0.001		
7/11/2017				<0.001		
8/9/2017	<0.001	<0.001	<0.001			
8/10/2017				<0.001		
3/29/2018		<0.001		<0.001		
3/30/2018	<0.001		<0.001			
2/26/2019			0.00033 (J)			
2/27/2019	<0.001	0.00014 (J)				
2/28/2019				<0.001		
4/2/2019				<0.001		
4/4/2019	<0.001	<0.001	<0.001			
9/18/2019	<0.001	<0.001	<0.001	<0.001		
2/7/2020	<0.001	<0.001	<0.001	<0.001		
3/18/2020	<0.001	<0.001	0.0002 (J)			
5/4/2020				<0.001		
9/23/2020	<0.001	<0.001	<0.001	<0.001		
2/3/2021				<0.001		
2/4/2021	0.0003 (J)	0.00013 (J)	<0.001			
3/11/2021		<0.001	<0.001	<0.001		
3/12/2021	<0.001					
8/25/2021		<0.001	<0.001			
8/26/2021	<0.001			<0.001	0.00022 (J)	<0.001
1/11/2022					0.00023 (J)	<0.001
3/3/2022	<0.001	<0.001		0.0003 (J)		
3/4/2022			<0.001		0.00036 (J)	<0.001
6/6/2022						<0.001
6/7/2022					<0.001	
8/16/2022			<0.001			
8/17/2022	<0.001	<0.001		<0.001		<0.001
8/19/2022					0.00037 (J)	
2/15/2023	<0.001	<0.001			0.00023 (J)	0.0046
2/16/2023			<0.001	<0.001		
8/15/2023		<0.001				
8/16/2023	<0.001		<0.001	<0.001		
8/17/2023					<0.001	<0.001
2/14/2024					<0.001	
2/15/2024	<0.001	<0.001	<0.001	<0.001		<0.001
7/30/2024		<0.001				

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Lead (mg/L) Analysis Run 8/17/2026 1:07 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-15	WGWC-16	WGWC-17	WGWC-19	WGWC-22	WGWC-23
7/31/2024	<0.001		<0.001	<0.001		<0.001
8/2/2024					<0.001	
2/11/2025			<0.001			
2/12/2025		<0.001			<0.001	
2/13/2025	<0.001			<0.001		0.002
8/13/2025	<0.001		<0.001			
8/14/2025		<0.001		<0.001		
8/18/2025					<0.001	
8/19/2025						<0.001
2/10/2026	<0.001	<0.001				
2/11/2026			<0.001	<0.001	<0.001	<0.001
Mean	0.0009741	0.0009359	0.0009456	0.0009741	0.0007008	0.001383
Std. Dev.	0.0001347	0.0002309	0.000197	0.0001347	0.0003725	0.001053
Upper Lim.	0.001	0.001	0.001	0.001	0.001	0.002
Lower Lim.	0.0003	0.00014	0.00033	0.0003	0.00023	0.001

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Lead (mg/L) Analysis Run 8/17/2026 1:07 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-24	WGWC-25	WGWC-28D	PZ-26D
8/26/2021	0.0012	<0.001		
1/11/2022	0.00082 (J)	<0.001		
3/3/2022	0.00076 (J)			
3/4/2022		<0.001		
6/6/2022	0.00047 (J)			
6/7/2022		<0.001		
8/17/2022		<0.001		
8/18/2022	0.00032 (J)			
2/15/2023	0.00056 (J)	<0.001		
8/15/2023		<0.001		
8/17/2023	0.00029 (J)			<0.001
9/26/2023			<0.001	
2/14/2024	0.00037 (J)		0.00022 (J)	
2/15/2024		<0.001		<0.001
7/31/2024	0.00025 (J)	<0.001		
8/1/2024			<0.001	<0.001
2/12/2025		0.00065 (J)	<0.001	
2/13/2025	0.0005 (J)			0.001
8/13/2025		<0.001		<0.001
8/14/2025			<0.001	
8/18/2025	<0.001			
2/10/2026	<0.001			
2/11/2026		<0.001		
2/12/2026			<0.001	<0.001
Mean	0.0006283	0.0009708	0.00087	0.001
Std. Dev.	0.0003195	0.000101	0.0003184	1.9E-11
Upper Lim.	0.0007536	0.001	0.001	0.001
Lower Lim.	0.0003304	0.00065	0.00022	0.001

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Lithium (mg/L) Analysis Run 8/17/2026 1:07 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-9	WGWC-10	WGWC-11	WGWC-12	WGWC-13	WGWC-14A
5/18/2016		0.032 (J)				
5/19/2016	0.0335 (J)		<0.02	<0.05	<0.02	
7/20/2016	0.024	0.021	<0.02	0.0057	<0.02	
9/14/2016	0.039	0.02	<0.02	0.0077	<0.02	
11/10/2016					0.0038 (J)	
11/11/2016		0.017	<0.02	0.007		
1/27/2017			<0.02	0.0074	<0.02	
2/6/2017		0.016				
2/8/2017						0.0039 (J)
2/9/2017	0.04					
2/23/2017						<0.02
3/15/2017	0.035	0.014	<0.02	0.0077	<0.02	
3/17/2017						<0.02
4/11/2017	0.034					<0.02
4/26/2017	0.029	0.011	<0.02	0.0011	<0.02	<0.02
5/17/2017						0.0033 (J)
6/7/2017						<0.02
7/11/2017						<0.02
8/9/2017					<0.02	
8/10/2017	0.038	0.011	<0.02	0.0064		
3/29/2018	0.048		0.0018 (J)	0.01	0.0022 (J)	0.0025 (J)
3/30/2018		0.016				
6/14/2018	0.034	0.0084	0.0011 (J)	0.0062	0.0018 (J)	0.0018 (J)
10/4/2018	0.039	0.0085	0.0014 (J)	0.0066	0.0025 (J)	0.0016 (J)
2/27/2019		0.0068	<0.02	0.0068	<0.02	<0.02
2/28/2019	0.037					
4/3/2019	0.035		<0.02	0.0075	<0.02	0.0015 (J)
4/4/2019		0.0059				
9/18/2019					<0.02	<0.02
9/19/2019	0.036	0.0075	<0.02	0.0067		
2/5/2020	0.034	0.0061	<0.02	0.0063	<0.02	<0.02
3/18/2020		0.0071	<0.02	0.0081		
3/19/2020	0.039				<0.02	<0.02
9/23/2020	0.033	0.0054		0.007		
9/24/2020			<0.02		<0.02	<0.02
2/3/2021			<0.02	0.0075		
2/4/2021	0.035	0.0049 (J)			<0.02	<0.02
3/11/2021		0.0051			0.0037 (J)	0.0035 (J)
3/12/2021	0.034		<0.02	0.0089		
8/25/2021			<0.02	0.0061	<0.02	<0.02
8/26/2021	0.03	0.0044 (J)				
3/3/2022	0.03	0.0038 (J)	<0.02		0.0018 (J)	0.0019 (J)
3/4/2022				0.0061		
8/16/2022			0.00092 (J)			
8/17/2022	0.028					
8/18/2022				0.0063	0.0024 (J)	
8/19/2022		0.0049 (J)				0.0021 (J)
2/15/2023	0.033					
2/16/2023		0.0025 (J)	<0.02	0.0036 (J)	<0.02	<0.02
8/16/2023	0.03		<0.02	0.0056	<0.02	<0.02
8/17/2023		0.0024 (J)				
2/14/2024	0.026			0.0045 (J)		

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Lithium (mg/L) Analysis Run 8/17/2026 1:07 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-9	WGWC-10	WGWC-11	WGWC-12	WGWC-13	WGWC-14A
2/15/2024		0.0088			<0.02	<0.02
2/16/2024			<0.02			
7/31/2024		0.0048 (J)	0.0025 (J)	0.0089	0.0026 (J)	
8/1/2024	0.032					
8/2/2024						<0.02
2/11/2025	0.029		<0.02	0.0032 (J)		
2/12/2025					<0.02	<0.02
2/13/2025		<0.005				
8/14/2025					<0.02	<0.02
8/15/2025				0.0069 (J)		
8/18/2025			<0.02			
8/19/2025	0.035	0.0053 (J)				
2/10/2026		0.0038 (J)	<0.02		<0.02	<0.02
2/11/2026				0.0097 (J)		
2/13/2026	0.036					
Mean	0.03398	0.009203	0.01682	0.007259	0.0152	0.01456
Std. Dev.	0.004812	0.006849	0.007099	0.003887	0.007924	0.008274
Upper Lim.	0.03619	0.01109	0.02	0.0077	0.02	0.02
Lower Lim.	0.03178	0.005769	0.0025	0.0061	0.0038	0.0035

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Lithium (mg/L) Analysis Run 8/17/2026 1:07 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-15	WGWC-16	WGWC-17	WGWC-19	WGWC-20	WGWC-21
5/18/2016	<0.005	<0.02	<0.05			
7/19/2016	0.0036 (J)	0.0091				
7/20/2016			0.0042 (J)			
9/14/2016	<0.005	0.012	0.0058			
11/10/2016	0.0064	0.013	0.0066			
11/11/2016				0.045		
1/20/2017			0.0044 (J)			
1/24/2017	0.0075	0.011				
2/6/2017				0.05		
3/14/2017	0.0057		0.0048 (J)			
3/15/2017		0.01		0.052		
4/11/2017				0.048		
4/25/2017	0.0059	0.0081	0.0049 (J)			
4/26/2017				0.044		
6/7/2017				0.047		
7/11/2017				0.045		
8/9/2017	0.0068	0.013	0.0067			
8/10/2017				0.056		
3/29/2018		0.015		0.072		
3/30/2018	0.0077		0.0067			
6/14/2018	0.0052	0.009	0.0046 (J)	0.048		
10/3/2018	0.006					
10/4/2018		0.012	0.005	0.062		
2/26/2019			0.0063			
2/27/2019	0.0055	0.0075				
2/28/2019				0.045		
4/2/2019				0.052		
4/4/2019	0.0054	0.0077	0.0042 (J)			
9/18/2019	0.0054	0.0056	0.0047 (J)	0.052		
2/7/2020	0.0068	0.0053	0.0045 (J)	0.044		
3/18/2020	0.0086	0.0057	0.0054			
5/4/2020				0.049		
9/23/2020	0.0071	0.0059	0.0056	0.056		
2/3/2021				0.06		
2/4/2021	0.0086	0.0051	0.0047 (J)			
3/8/2021					0.11	
3/9/2021						0.022
3/11/2021		0.005	0.0049 (J)	0.051		
3/12/2021	0.0096					
4/7/2021						0.031
4/8/2021					0.11	
8/25/2021		0.0046 (J)	0.0048 (J)			
8/26/2021	0.0059			0.057	0.11	0.032
1/11/2022						0.038
1/12/2022					0.15	
3/3/2022	0.0068	0.0041 (J)		0.057		0.044
3/4/2022			0.0042 (J)		0.14	
6/6/2022						0.051
6/7/2022					0.12	
8/16/2022			0.0053			0.059
8/17/2022	0.0073	0.0042 (J)		0.056		
8/18/2022					0.11	

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Lithium (mg/L) Analysis Run 8/17/2026 1:07 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-15	WGWC-16	WGWC-17	WGWC-19	WGWC-20	WGWC-21
2/15/2023	0.0062	0.0044 (J)				
2/16/2023			0.0026 (J)	0.053	0.14	0.053
8/11/2023					0.13	
8/15/2023		<0.02				
8/16/2023	0.0055		0.0031 (J)	0.062		
8/17/2023						0.061
2/13/2024					0.15	
2/15/2024	0.0055	0.0032 (J)	0.0026 (J)	0.056		0.074
7/30/2024		<0.02				
7/31/2024	0.01		0.0029 (J)	0.067	0.16	
8/1/2024						0.068
2/11/2025			0.0034 (J)			
2/12/2025		0.0024 (J)			0.14	
2/13/2025	0.0052			0.06		0.065
8/13/2025	0.01 (J)		0.006 (J)			
8/14/2025		0.0038 (J)		0.07	0.2	
8/19/2025						0.11
2/10/2026	0.0086 (J)	<0.02			0.14	
2/11/2026			0.0082 (J)	0.06		0.087
Mean	0.006476	0.007817	0.00559	0.05434	0.1364	0.0672
Std. Dev.	0.001908	0.003422	0.003953	0.007659	0.02499	0.01939
Upper Lim.	0.00735	0.009385	0.0058	0.05785	0.1531	0.0845
Lower Lim.	0.005602	0.006249	0.0044	0.05084	0.1189	0.0499

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Lithium (mg/L) Analysis Run 8/17/2026 1:07 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-22	WGWC-23	WGWC-24	WGWC-25	WGWC-27	WGWC-28D
3/8/2021				0.0046 (J)		
3/9/2021	0.011	<0.02	0.0084			
4/7/2021		<0.02	0.0077			
4/8/2021	0.0081			0.0044 (J)		
8/26/2021	0.011	<0.02	0.0076	0.0044 (J)		
1/11/2022	0.011	<0.02	0.0091	0.0043 (J)		
3/3/2022			0.0066			
3/4/2022	0.011	0.0015 (J)		0.0035 (J)		
6/6/2022		0.002 (J)	0.0044 (J)			
6/7/2022	0.0093			0.004 (J)		
8/17/2022		0.0017 (J)		0.0036 (J)		
8/18/2022			0.0036 (J)			
8/19/2022	0.01					
10/19/2022					0.0072	
2/15/2023	0.009	<0.02	0.0068	0.0031 (J)		
2/16/2023					0.024	
8/11/2023					0.036	
8/15/2023				<0.005		
8/17/2023	0.0069	<0.02	0.0022 (J)			
9/26/2023						0.18
11/7/2023						0.21
2/14/2024	0.0028 (J)		0.0044 (J)			0.21
2/15/2024		0.0044 (J)		0.0063	0.038	
7/31/2024		0.0042 (J)	0.0067	0.0037 (J)		
8/1/2024					0.029	0.2
8/2/2024	0.0086					
2/12/2025	0.0069			<0.005	0.026	0.19
2/13/2025		<0.02	0.0034 (J)			
8/13/2025				0.004 (J)		
8/14/2025						0.47
8/18/2025	0.011 (J)		0.004 (J)		0.031	
8/19/2025		<0.02				
11/13/2025						0.38 (R)
2/10/2026			0.0054 (J)		0.025	
2/11/2026	0.011 (J)	0.0052 (J)		0.0057 (J)		
2/12/2026						0.3
Mean	0.009114	0.01279	0.005736	0.004043	0.02703	0.2675
Std. Dev.	0.002372	0.008703	0.002108	0.001065	0.009472	0.1066
Upper Lim.	0.011	0.02	0.007229	0.004797	0.03706	0.47
Lower Lim.	0.0069	0.002	0.004243	0.003289	0.01699	0.18

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Lithium (mg/L) Analysis Run 8/17/2026 1:07 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WAMW-1	WAMW-2	PZ-26D
10/16/2018		0.023	
10/18/2018	0.026		
8/17/2023			0.028
2/15/2024			0.031
8/1/2024			0.032
12/9/2024		0.019	
1/8/2025	0.033		
2/12/2025	<0.005	0.035	
2/13/2025			0.024
8/13/2025			0.037
8/14/2025	0.045		
8/19/2025		0.029	
2/11/2026		0.026	
2/12/2026	0.047		0.029
Mean	0.0312	0.0264	0.03017
Std. Dev.	0.01701	0.006066	0.004355
Upper Lim.	0.05669	0.03657	0.03615
Lower Lim.	0.005712	0.01623	0.02418

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Mercury (mg/L) Analysis Run 8/17/2026 1:07 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-9	WGWC-10	WGWC-11	WGWC-12	WGWC-13	WGWC-14A
5/18/2016		<0.0002				
5/19/2016	<0.0002		<0.0002	<0.0002	<0.0002	
7/20/2016	<0.0002	8.2E-05 (J)	8.2E-05 (J)	0.00011 (J)	8.1E-05 (J)	
9/14/2016	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	
11/10/2016					8.3E-05 (J)	
11/11/2016		8.5E-05 (J)	0.00011 (J)	7.9E-05 (J)		
1/27/2017			<0.0002	<0.0002	<0.0002	
2/6/2017		8.3E-05 (J)				
2/8/2017						<0.0002
2/9/2017	<0.0002					
2/23/2017						<0.0002
3/15/2017	0.00013 (J)	0.00013 (J)	<0.0002	0.00018 (J)	<0.0002	
3/17/2017						0.00013 (J)
4/11/2017	<0.0002					<0.0002
4/26/2017	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
5/17/2017						<0.0002
6/7/2017						<0.0002
7/11/2017						<0.0002
8/9/2017					<0.0002	
8/10/2017	<0.0002	<0.0002	<0.0002	<0.0002		
3/29/2018	<0.0002		<0.0002	0.00011 (J)	<0.0002	<0.0002
3/30/2018		<0.0002				
6/14/2018	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
10/4/2018	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
2/27/2019		<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
2/28/2019	<0.0002					
2/5/2020	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
3/18/2020		<0.0002	<0.0002	<0.0002		
3/19/2020	<0.0002				<0.0002	<0.0002
9/23/2020	<0.0002	<0.0002		<0.0002		
9/24/2020			<0.0002		<0.0002	<0.0002
2/3/2021			<0.0002	<0.0002		
2/4/2021	<0.0002	<0.0002			<0.0002	<0.0002
3/3/2022	<0.0002	<0.0002	<0.0002		<0.0002	<0.0002
3/4/2022				<0.0002		
8/16/2022			<0.0002			
8/17/2022	<0.0002					
8/18/2022				<0.0002	<0.0002	
8/19/2022		<0.0002				<0.0002
2/15/2023	<0.0002					
2/16/2023		<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
8/16/2023	<0.0002		<0.0002	<0.0002	<0.0002	<0.0002
8/17/2023		<0.0002				
2/14/2024	<0.0002			<0.0002		
2/15/2024		<0.0002			<0.0002	<0.0002
2/16/2024			<0.0002			
7/31/2024		<0.0002	<0.0002	<0.0002	<0.0002	
8/1/2024	<0.0002					
8/2/2024						<0.0002
2/11/2025	<0.0002		<0.0002	<0.0002		
2/12/2025					<0.0002	<0.0002
2/13/2025		<0.0002				

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Mercury (mg/L) Analysis Run 8/17/2026 1:07 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-9	WGWC-10	WGWC-11	WGWC-12	WGWC-13	WGWC-14A
8/14/2025					<0.0002	<0.0002
8/15/2025				<0.0002		
8/18/2025			<0.0002			
8/19/2025	<0.0002	<0.0002				
2/10/2026		<0.0002	<0.0002		<0.0002	<0.0002
2/11/2026				<0.0002		
2/13/2026	<0.0002					
Mean	0.0001972	0.0001832	0.0001917	0.0001872	0.0001906	0.0001972
Std. Dev.	1.4E-05	4.015E-05	2.908E-05	3.362E-05	3.267E-05	1.4E-05
Upper Lim.	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002
Lower Lim.	0.00013	0.00013	0.00011	0.00018	8.3E-05	0.00013

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Mercury (mg/L) Analysis Run 8/17/2026 1:07 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-15	WGWC-16	WGWC-17	WGWC-19	WGWC-20	WGWC-21
5/18/2016	<0.0002	<0.0002	<0.0002			
7/19/2016	9.3E-05 (J)	<0.0002				
7/20/2016			7.4E-05 (J)			
9/14/2016	<0.0002	<0.0002	<0.0002			
11/10/2016	8.5E-05 (J)	0.00012 (J)	<0.0002			
11/11/2016				7.6E-05 (J)		
1/20/2017			<0.0002			
1/24/2017	<0.0002	7E-05 (J)				
2/6/2017				0.00012 (J)		
3/14/2017	7.1E-05 (J)		<0.0002			
3/15/2017		<0.0002		<0.0002		
4/11/2017				<0.0002		
4/25/2017	<0.0002	0.00019 (J)	<0.0002			
4/26/2017				<0.0002		
6/7/2017				<0.0002		
7/11/2017				<0.0002		
8/9/2017	<0.0002	<0.0002	<0.0002			
8/10/2017				<0.0002		
3/29/2018		<0.0002		<0.0002		
3/30/2018	8.6E-05 (J)		<0.0002			
6/14/2018	<0.0002	<0.0002	<0.0002	<0.0002		
10/3/2018	<0.0002					
10/4/2018		<0.0002	<0.0002	<0.0002		
2/26/2019			<0.0002			
2/27/2019	<0.0002	<0.0002				
2/28/2019				<0.0002		
2/7/2020	<0.0002	<0.0002	<0.0002	<0.0002		
3/18/2020	<0.0002	<0.0002	<0.0002			
5/4/2020				<0.0002		
9/23/2020	<0.0002	<0.0002	<0.0002	<0.0002		
2/3/2021				<0.0002		
2/4/2021	<0.0002	<0.0002	<0.0002			
8/26/2021					0.00033	0.0002
1/11/2022						<0.0002
1/12/2022					<0.0002	
3/3/2022	<0.0002	<0.0002		<0.0002		<0.0002
3/4/2022			<0.0002		<0.0002	
6/6/2022						<0.0002
6/7/2022					<0.0002	
8/16/2022			<0.0002			<0.0002
8/17/2022	<0.0002	<0.0002		<0.0002		
8/18/2022					<0.0002	
2/15/2023	<0.0002	<0.0002				
2/16/2023			<0.0002	<0.0002	<0.0002	<0.0002
8/11/2023					<0.0002	
8/15/2023		<0.0002				
8/16/2023	<0.0002		<0.0002	<0.0002		
8/17/2023						<0.0002
2/13/2024					<0.0002	
2/15/2024	<0.0002	<0.0002	<0.0002	<0.0002		<0.0002
7/30/2024		<0.0002				
7/31/2024	<0.0002		<0.0002	<0.0002	<0.0002	

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Mercury (mg/L) Analysis Run 8/17/2026 1:07 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-15	WGWC-16	WGWC-17	WGWC-19	WGWC-20	WGWC-21
8/1/2024						<0.0002
2/11/2025			<0.0002			
2/12/2025		<0.0002			<0.0002	
2/13/2025	<0.0002			<0.0002		<0.0002
8/13/2025	<0.0002		<0.0002			
8/14/2025		<0.0002		<0.0002	<0.0002	
8/19/2025						<0.0002
2/10/2026	<0.0002	<0.0002			<0.0002	
2/11/2026			<0.0002	<0.0002		<0.0002
Mean	0.0001814	0.0001912	0.000195	0.0001918	0.0002108	0.0002
Std. Dev.	4.362E-05	2.991E-05	2.52E-05	2.895E-05	3.753E-05	1.5E-12
Upper Lim.	0.0002	0.0002	0.0002	0.0002	0.00033	0.0002
Lower Lim.	9.3E-05	0.00019	7.4E-05	0.00012	0.0002	0.0002

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Mercury (mg/L) Analysis Run 8/17/2026 1:07 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-22	WGWC-23	WGWC-24	WGWC-25
8/26/2021	0.00018 (J)	0.00022	0.00026	0.0019
1/11/2022	<0.0002	<0.0002	<0.0002	<0.0002
3/3/2022			<0.0002	
3/4/2022	<0.0002	<0.0002		<0.0002
6/6/2022		<0.0002	<0.0002	
6/7/2022	<0.0002			<0.0002
8/17/2022		<0.0002		<0.0002
8/18/2022			<0.0002	
8/19/2022	<0.0002			
2/15/2023	<0.0002	<0.0002	<0.0002	<0.0002
8/15/2023				<0.0002
8/17/2023	<0.0002	<0.0002	<0.0002	
2/14/2024	<0.0002		<0.0002	
2/15/2024		<0.0002		<0.0002
7/31/2024		<0.0002	<0.0002	<0.0002
8/2/2024	<0.0002			
2/12/2025	<0.0002			<0.0002
2/13/2025		<0.0002	<0.0002	
8/13/2025				<0.0002
8/18/2025	<0.0002		<0.0002	
8/19/2025		<0.0002		
2/10/2026			<0.0002	
2/11/2026	<0.0002	<0.0002		<0.0002
Mean	0.0001983	0.0002017	0.000205	0.0003417
Std. Dev.	5.774E-06	5.774E-06	1.732E-05	0.0004907
Upper Lim.	0.0002	0.00022	0.00026	0.0019
Lower Lim.	0.00018	0.0002	0.0002	0.0002

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Molybdenum (mg/L) Analysis Run 8/17/2026 1:07 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-9	WGWC-10	WGWC-11	WGWC-12	WGWC-13	WGWC-14A
5/18/2016		<0.005				
5/19/2016	0.00762 (J)		<0.005	<0.005	0.00491 (J)	
7/20/2016	0.0084 (J)	<0.005	<0.005	0.00095 (J)	0.0025 (J)	
9/14/2016	0.0071 (J)	0.00091 (J)	<0.005	0.0009 (J)	0.0028 (J)	
11/10/2016					0.0016 (J)	
11/11/2016		<0.005	<0.005	<0.005		
1/27/2017			<0.005	<0.005	0.0023 (J)	
2/6/2017		<0.005				
2/8/2017						<0.005
2/9/2017	0.018					
2/23/2017						<0.005
3/15/2017	0.0057 (J)	<0.005	<0.005	<0.005	0.0022 (J)	
3/17/2017						<0.005
4/11/2017	0.0047 (J)					<0.005
4/26/2017	0.004 (J)	<0.005	<0.005	<0.005	0.0019 (J)	<0.005
5/17/2017						<0.005
6/7/2017						0.001 (J)
7/11/2017						<0.005
8/9/2017					0.0028 (J)	
8/10/2017	0.0046 (J)	0.00093 (J)	0.0011 (J)	0.0046 (J)		
3/29/2018	0.0048 (J)		<0.005	<0.005	0.0028 (J)	<0.005
3/30/2018		<0.005				
6/14/2018	0.0046 (J)	<0.005	<0.005	<0.005	0.0018 (J)	<0.005
10/4/2018	0.003 (J)	<0.005	<0.005	<0.005	<0.015	<0.005
2/27/2019		<0.005	<0.005	0.00063 (J)	0.0019 (J)	<0.005
2/28/2019	0.0053					
4/3/2019	0.0026 (J)		<0.005	<0.005	<0.015	<0.005
4/4/2019		<0.005				
9/18/2019					0.0021 (J)	<0.005
9/19/2019	0.0048 (J)	<0.005	<0.005	0.00073 (J)		
2/5/2020	0.0044 (J)	<0.005	<0.005	<0.005	0.0012 (J)	<0.005
3/18/2020		<0.005	<0.005	<0.005		
3/19/2020	0.0042 (J)				0.0018 (J)	<0.005
9/23/2020	0.0027 (J)	<0.005		<0.005		
9/24/2020			0.0017 (J)		<0.015	<0.005
2/3/2021			<0.005	<0.005		
2/4/2021	0.003 (J)	<0.005			0.0012 (J)	<0.005
3/11/2021		<0.005			0.0013 (J)	<0.005
3/12/2021	0.003 (J)		<0.005	0.00062 (J)		
8/25/2021			<0.005	<0.005	0.00092 (J)	<0.005
8/26/2021	0.0028 (J)	<0.005				
3/3/2022	0.0027 (J)	<0.005	<0.005		0.00094 (J)	<0.005
3/4/2022				<0.005		
8/16/2022			<0.005			
8/17/2022	0.0027 (J)					
8/18/2022				<0.005	0.00087 (J)	
8/19/2022		<0.005				<0.005
2/15/2023	0.0025 (J)					
2/16/2023		<0.005	<0.005	<0.005	0.0013 (J)	<0.005
8/16/2023	0.0031 (J)		<0.005	<0.005	0.0012 (J)	<0.005
8/17/2023		<0.005				
2/14/2024	0.0033 (J)			<0.005		

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Molybdenum (mg/L) Analysis Run 8/17/2026 1:07 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-9	WGWC-10	WGWC-11	WGWC-12	WGWC-13	WGWC-14A
2/15/2024		<0.005			0.0012 (J)	<0.005
2/16/2024			<0.005			
7/31/2024		<0.005	<0.005	<0.005	0.0011 (J)	
8/1/2024	0.0028 (J)					
8/2/2024						<0.005
2/11/2025	0.0033 (J)		<0.005	<0.005		
2/12/2025					0.0013 (J)	<0.005
2/13/2025		<0.005				
8/14/2025					0.0011 (J)	<0.005
8/15/2025				0.00075 (J)		
8/18/2025			<0.005			
8/19/2025	0.0024 (J)	<0.005				
2/10/2026		<0.005	<0.005		0.0012 (J)	<0.005
2/11/2026				<0.005		
2/13/2026	0.0021 (J)					
Mean	0.00449	0.004719	0.004752	0.00411	0.00237	0.004862
Std. Dev.	0.003056	0.001052	0.0009318	0.001742	0.001961	0.0007428
Upper Lim.	0.0048	0.005	0.005	0.005	0.0025	0.005
Lower Lim.	0.0028	0.00093	0.0017	0.0046	0.0012	0.001

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Molybdenum (mg/L) Analysis Run 8/17/2026 1:07 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-15	WGWC-17	WGWC-19	WGWC-20	WGWC-21	WGWC-22
5/18/2016	0.0153	0.00526 (J)				
7/19/2016	0.0093 (J)					
7/20/2016		0.0066 (J)				
9/14/2016	0.012 (J)	0.0081 (J)				
11/10/2016	0.0065 (J)	0.0076 (J)				
11/11/2016			<0.015			
1/20/2017		0.0094 (J)				
1/24/2017	0.0049 (J)					
2/6/2017			0.001 (J)			
3/14/2017	0.0034 (J)	0.0044 (J)				
3/15/2017			<0.015			
4/11/2017			<0.015			
4/25/2017	0.004 (J)	0.0074 (J)				
4/26/2017			<0.015			
6/7/2017			0.0015 (J)			
7/11/2017			<0.015			
8/9/2017	0.0042 (J)	0.0066 (J)				
8/10/2017			0.0016 (J)			
3/29/2018			0.0012 (J)			
3/30/2018	0.0049 (J)	0.0024 (J)				
6/14/2018	0.0056 (J)	0.0026 (J)	0.0014 (J)			
10/3/2018	0.0041 (J)					
10/4/2018		0.00085 (J)	<0.015			
2/26/2019		0.0032 (J)				
2/27/2019	0.0061					
2/28/2019			0.0013 (J)			
4/2/2019			<0.015			
4/4/2019	0.0039 (J)	0.002 (J)				
9/18/2019	0.0052	0.0026 (J)	0.0011 (J)			
2/7/2020	0.0024 (J)	0.0025 (J)	0.0014 (J)			
3/18/2020	0.002 (J)	0.0024 (J)				
5/4/2020			0.0013 (J)			
9/23/2020	0.0031 (J)	0.0027 (J)	0.0013 (J)			
2/3/2021			0.0013 (J)			
2/4/2021	0.0022 (J)	0.0025 (J)				
3/11/2021		0.0022 (J)	0.0012 (J)			
3/12/2021	0.0019 (J)					
8/25/2021		0.0022 (J)				
8/26/2021	0.0029 (J)		0.0011 (J)	0.00079 (J)	0.044	<0.005
1/11/2022					0.037	<0.005
1/12/2022				0.00062 (J)		
3/3/2022	0.0025 (J)		0.0013 (J)		0.036	
3/4/2022		0.0021 (J)		<0.015		0.00084 (J)
6/6/2022					0.032	
6/7/2022				<0.015		<0.005
8/16/2022		0.0024 (J)			0.042	
8/17/2022	0.0025 (J)		0.001 (J)			
8/18/2022				<0.015		
8/19/2022						<0.005
2/15/2023	0.0027 (J)					<0.005
2/16/2023		0.0022 (J)	0.0014 (J)	<0.015	0.034	
8/11/2023				<0.015		

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Molybdenum (mg/L) Analysis Run 8/17/2026 1:07 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-15	WGWC-17	WGWC-19	WGWC-20	WGWC-21	WGWC-22
8/16/2023	0.003 (J)	0.0023 (J)	0.0013 (J)			
8/17/2023					0.029	<0.005
2/13/2024				<0.015		
2/14/2024						<0.005
2/15/2024	0.0021 (J)	0.0023 (J)	0.0014 (J)		0.023	
7/31/2024	0.0028 (J)	0.0023 (J)	0.0012 (J)	<0.015		
8/1/2024					0.027	
8/2/2024						0.0082 (J)
2/11/2025		0.0023 (J)				
2/12/2025				0.00087 (J)		<0.005
2/13/2025	0.0023 (J)		0.0014 (J)		0.027	
8/13/2025	0.0023 (J)	0.003 (J)				
8/14/2025			0.0022 (J)	0.00088 (J)		
8/18/2025						<0.005
8/19/2025					0.032	
2/10/2026	0.0021 (J)			0.0008 (J)		
2/11/2026		0.0035 (J)	0.0013 (J)		0.025	<0.005
Mean	0.004352	0.003652	0.004628	0.00908	0.03233	0.00492
Std. Dev.	0.00311	0.002242	0.005958	0.007316	0.006583	0.00158
Upper Lim.	0.004723	0.0044	0.0022	0.015	0.0375	0.0082
Lower Lim.	0.002868	0.0023	0.0012	0.00079	0.02717	0.00084

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Molybdenum (mg/L) Analysis Run 8/17/2026 1:07 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-28D	WAMW-1	WAMW-2	PZ-26D
10/16/2018			<0.005	
10/18/2018		0.0028 (J)		
8/17/2023				0.0025 (J)
9/26/2023	0.018			
2/14/2024	0.0094 (J)			
2/15/2024				0.0024 (J)
8/1/2024	0.0089 (J)			0.0028 (J)
2/12/2025	0.0088 (J)	<0.015	0.0023 (J)	
2/13/2025				0.0027 (J)
8/13/2025				0.0027 (J)
8/14/2025	0.0082	0.0023 (J)		
8/19/2025			<0.005	
2/11/2026			<0.005	
2/12/2026	0.0098	0.0026 (J)		0.0025 (J)
Mean	0.01052	0.005675	0.004325	0.0026
Std. Dev.	0.003706	0.00622	0.00135	0.0001549
Upper Lim.	0.018	0.015	0.005	0.002813
Lower Lim.	0.0082	0.0023	0.0023	0.002387

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Selenium (mg/L) Analysis Run 8/17/2026 1:07 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-9	WGWC-10	WGWC-11	WGWC-12	WGWC-14A	WGWC-15
5/18/2016		<0.005				<0.005
5/19/2016	0.00228 (J)		<0.005	<0.005		
7/19/2016						<0.005
7/20/2016	0.0016	<0.005	<0.005	<0.005		
9/14/2016	0.0024	<0.005	<0.005	<0.005		<0.005
11/10/2016						<0.005
11/11/2016		<0.005	<0.005	<0.005		
1/24/2017						<0.005
1/27/2017			<0.005	<0.005		
2/6/2017		<0.005				
2/8/2017					<0.005	
2/9/2017	0.0023					
2/23/2017					<0.005	
3/14/2017						<0.005
3/15/2017	0.0031	<0.005	<0.005	<0.005		
3/17/2017					<0.005	
4/11/2017	0.0023				<0.005	
4/25/2017						<0.005
4/26/2017	0.0019	<0.005	<0.005	<0.005	<0.005	
5/17/2017					<0.005	
6/7/2017					<0.005	
7/11/2017					<0.005	
8/9/2017						<0.005
8/10/2017	0.0021	0.00031 (J)	0.00049 (J)	0.0021		
3/29/2018	0.0021		<0.005	<0.005	0.0003 (J)	
3/30/2018		<0.005				<0.005
6/14/2018	0.0025	<0.005	<0.005	<0.005	<0.005	0.0005 (J)
10/3/2018						<0.005
10/4/2018	0.002	<0.005	<0.005	<0.005	<0.005	
2/27/2019		<0.005	<0.005	<0.005	<0.005	<0.005
2/28/2019	0.0027					
4/3/2019	0.0019		<0.005	<0.005	<0.005	
4/4/2019		<0.005				<0.005
9/18/2019					<0.005	<0.005
9/19/2019	0.0026 (J)	<0.005	<0.005	<0.005		
2/5/2020	0.0033 (J)	<0.005	<0.005	<0.005	<0.005	
2/7/2020						<0.005
3/18/2020		<0.005	<0.005	<0.005		<0.005
3/19/2020	0.0033 (J)				<0.005	
9/23/2020	0.0029 (J)	<0.005		<0.005		<0.005
9/24/2020			<0.005		<0.005	
2/3/2021			<0.005	<0.005		
2/4/2021	0.003 (J)	<0.005			<0.005	<0.005
3/11/2021		<0.005			<0.005	
3/12/2021	0.0034 (J)		<0.005	<0.005		<0.005
8/25/2021			<0.005	<0.005	<0.005	
8/26/2021	0.0028 (J)	<0.005				<0.005
3/3/2022	0.0021 (J)	<0.005	<0.005		<0.005	<0.005
3/4/2022				<0.005		
8/16/2022			<0.005			
8/17/2022	0.0022 (J)					<0.005
8/18/2022				<0.005		

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Selenium (mg/L) Analysis Run 8/17/2026 1:07 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-9	WGWC-10	WGWC-11	WGWC-12	WGWC-14A	WGWC-15
8/19/2022		<0.005			<0.005	
2/15/2023	0.0037 (J)					<0.005
2/16/2023		<0.005	<0.005	<0.005	<0.005	
8/16/2023	0.0036 (J)		<0.005	<0.005	<0.005	<0.005
8/17/2023		<0.005				
2/14/2024	0.0022 (J)			<0.005		
2/15/2024		<0.005			<0.005	<0.005
2/16/2024			<0.005			
7/31/2024		<0.005	<0.005	<0.005		<0.005
8/1/2024	0.0032 (J)					
8/2/2024					<0.005	
2/11/2025	0.0029 (J)		<0.005	<0.005		
2/12/2025					<0.005	
2/13/2025		<0.005				<0.005
8/13/2025						<0.005
8/14/2025					<0.005	
8/15/2025				<0.005		
8/18/2025			<0.005			
8/19/2025	0.0026 (J)	<0.005				
2/10/2026		<0.005	<0.005		<0.005	<0.005
2/11/2026				<0.005		
2/13/2026	0.0032 (J)					
Mean	0.002627	0.004838	0.004844	0.0049	0.004838	0.004845
Std. Dev.	0.0005641	0.0008709	0.0008375	0.0005385	0.0008728	0.0008356
Upper Lim.	0.002885	0.005	0.005	0.005	0.005	0.005
Lower Lim.	0.002368	0.00031	0.00049	0.0021	0.0003	0.0005

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Selenium (mg/L) Analysis Run 8/17/2026 1:07 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-16	WGWC-19	WGWC-20	WGWC-22	WGWC-23	WGWC-24
5/18/2016	0.00735 (J)					
7/19/2016	0.0075					
9/14/2016	0.0091					
11/10/2016	0.0056					
11/11/2016		<0.005				
1/24/2017	0.012					
2/6/2017		<0.005				
3/15/2017	0.012	<0.005				
4/11/2017		<0.005				
4/25/2017	0.013					
4/26/2017		<0.005				
6/7/2017		<0.005				
7/11/2017		<0.005				
8/9/2017	0.016					
8/10/2017		0.00036 (J)				
3/29/2018	0.016	<0.005				
6/14/2018	0.012	<0.005				
10/4/2018	0.013	<0.005				
2/27/2019	0.0081					
2/28/2019		<0.005				
4/2/2019		<0.005				
4/4/2019	0.0091					
9/18/2019	0.0044 (J)	<0.005				
2/7/2020	0.0036 (J)	<0.005				
3/18/2020	0.0046 (J)					
5/4/2020		<0.005				
9/23/2020	0.0028 (J)	<0.005				
2/3/2021		<0.005				
2/4/2021	0.0023 (J)					
3/11/2021	0.0023 (J)	<0.005				
8/25/2021	0.0019 (J)					
8/26/2021		<0.005	0.0016 (J)	0.0049 (J)	0.002 (J)	<0.005
1/11/2022				0.0065	0.0024 (J)	<0.005
1/12/2022			<0.005			
3/3/2022	0.0018 (J)	<0.005				0.00077 (J)
3/4/2022			0.0014 (J)	0.0072	0.002 (J)	
6/6/2022					0.0018 (J)	<0.005
6/7/2022			0.0014 (J)	0.0047 (J)		
8/17/2022	<0.005	<0.005			0.0013 (J)	
8/18/2022			0.0027 (J)			<0.005
8/19/2022				0.0035 (J)		
2/15/2023	0.0019 (J)			0.0077	0.0026 (J)	<0.005
2/16/2023		<0.005	0.0017 (J)			
8/11/2023			0.0016 (J)			
8/15/2023	0.0018 (J)					
8/16/2023		<0.005				
8/17/2023				0.0038 (J)	0.0024 (J)	<0.005
2/13/2024			0.0035 (J)			
2/14/2024				0.0041 (J)		<0.005
2/15/2024	<0.005	<0.005			0.003 (J)	
7/30/2024	0.0015 (J)					
7/31/2024		<0.005	0.0043 (J)		0.0027 (J)	<0.005

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Selenium (mg/L) Analysis Run 8/17/2026 1:07 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-16	WGWC-19	WGWC-20	WGWC-22	WGWC-23	WGWC-24
8/2/2024				0.0036 (J)		
2/12/2025	<0.005		0.0026 (J)	0.003 (J)		
2/13/2025		<0.005			0.0031 (J)	<0.005
8/14/2025	<0.005	<0.005	0.0032 (J)			
8/18/2025				0.0025 (J)		<0.005
8/19/2025					<0.005	
2/10/2026	<0.005		0.0034 (J)			<0.005
2/11/2026		<0.005		0.0037 (J)	0.0026 (J)	
Mean	0.006712	0.00484	0.002492	0.0046	0.002367	0.004647
Std. Dev.	0.004477	0.0008616	0.0009662	0.001678	0.000514	0.001221
Upper Lim.	0.005746	0.005	0.00325	0.005916	0.00277	0.005
Lower Lim.	0.002757	0.00036	0.001734	0.003284	0.001963	0.00077

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Selenium (mg/L) Analysis Run 8/17/2026 1:07 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-28D
9/26/2023	<0.005
2/14/2024	<0.005
8/1/2024	<0.005
2/12/2025	<0.005
8/14/2025	0.0066
2/12/2026	0.0023 (J)
Mean	0.004817
Std. Dev.	0.001389
Upper Lim.	0.0066
Lower Lim.	0.0023

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Thallium (mg/L) Analysis Run 8/17/2026 1:07 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-10	WGWC-11	WGWC-12	WGWC-14A	WGWC-15	WGWC-16
5/18/2016	<0.001				<0.001	<0.001
5/19/2016		<0.001	<0.001			
7/19/2016					<0.001	8.5E-05 (J)
7/20/2016	<0.001	<0.001	<0.001			
9/14/2016	<0.001	<0.001	<0.001		<0.001	0.00017 (J)
11/10/2016					<0.001	0.00017 (J)
11/11/2016	<0.001	<0.001	<0.001			
1/24/2017					<0.001	0.00023 (J)
1/27/2017		<0.001	<0.001			
2/6/2017	<0.001					
2/8/2017				0.00011 (J)		
2/23/2017				0.00012 (J)		
3/14/2017					<0.001	
3/15/2017	<0.001	<0.001	<0.001			0.00021 (J)
3/17/2017				<0.001		
4/11/2017				<0.001		
4/25/2017					<0.001	0.00024 (J)
4/26/2017	<0.001	<0.001	<0.001	<0.001		
5/17/2017				<0.001		
6/7/2017				<0.001		
7/11/2017				<0.001		
8/9/2017					<0.001	0.0002 (J)
8/10/2017	<0.001	<0.001	<0.001			
3/29/2018		<0.001	<0.001	0.0002 (J)		0.00019 (J)
3/30/2018	8.5E-05 (J)				<0.001	
6/14/2018	<0.001	<0.001	<0.001	0.00014 (J)	<0.001	0.00017 (J)
10/3/2018					<0.001	
10/4/2018	<0.001	<0.001	<0.001	0.00013 (J)		0.00015 (J)
2/27/2019	<0.001	<0.001	<0.001	0.00016 (J)	<0.001	0.00015 (J)
4/3/2019		<0.001	<0.001	0.00012 (J)		
4/4/2019	<0.001				<0.001	9.5E-05 (J)
9/18/2019				<0.001	<0.001	<0.001
9/19/2019	<0.001	<0.001	<0.001			
2/5/2020	<0.001	<0.001	<0.001	0.00022 (J)		
2/7/2020					<0.001	<0.001
3/18/2020	<0.001	<0.001	<0.001		<0.001	<0.001
3/19/2020				0.00017 (J)		
9/23/2020	<0.001		<0.001		<0.001	<0.001
9/24/2020		<0.001		<0.001		
2/3/2021		0.00016 (J)	<0.001			
2/4/2021	<0.001			0.00021 (J)	<0.001	<0.001
3/11/2021	<0.001			0.00019 (J)		<0.001
3/12/2021		<0.001	<0.001		<0.001	
8/25/2021		<0.001	<0.001	<0.001		<0.001
8/26/2021	<0.001				<0.001	
3/3/2022	<0.001	<0.001		<0.001	<0.001	<0.001
3/4/2022			<0.001			
8/16/2022		<0.001				
8/17/2022					<0.001	<0.001
8/18/2022			<0.001			
8/19/2022	<0.001			<0.001		
2/15/2023					<0.001	<0.001

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Thallium (mg/L) Analysis Run 8/17/2026 1:07 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-10	WGWC-11	WGWC-12	WGWC-14A	WGWC-15	WGWC-16
2/16/2023	<0.001	<0.001	<0.001	<0.001		
8/15/2023						<0.001
8/16/2023		<0.001	<0.001	<0.001	<0.001	
8/17/2023	<0.001					
2/14/2024			<0.001			
2/15/2024	<0.001			<0.001	<0.001	<0.001
2/16/2024		<0.001				
7/30/2024						<0.001
7/31/2024	<0.001	<0.001	<0.001		<0.001	
8/2/2024				<0.001		
2/11/2025		<0.001	<0.001			
2/12/2025				<0.001		<0.001
2/13/2025	<0.001				<0.001	
8/13/2025					<0.001	
8/14/2025				<0.001		<0.001
8/15/2025			<0.001			
8/18/2025		0.00049 (J)				
8/19/2025	<0.001					
2/10/2026	<0.001	<0.001		0.00038 (J)	0.00025 (J)	<0.001
2/11/2026			0.0042			
Mean	0.0009684	0.0009534	0.00111	0.0006603	0.0009741	0.0006572
Std. Dev.	0.0001699	0.0001796	0.0005942	0.000414	0.0001393	0.0004163
Upper Lim.	0.001	0.001	0.0042	0.001	0.001	0.001
Lower Lim.	8.5E-05	0.00049	0.001	0.00019	0.00025	0.00019

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Thallium (mg/L) Analysis Run 8/17/2026 1:07 PM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-19	WGWC-22	WGWC-24	WAMW-1
11/11/2016	<0.001			
2/6/2017	<0.001			
3/15/2017	<0.001			
4/11/2017	<0.001			
4/26/2017	<0.001			
6/7/2017	<0.001			
7/11/2017	<0.001			
8/10/2017	<0.001			
3/29/2018	<0.001			
6/14/2018	<0.001			
10/4/2018	<0.001			
10/18/2018				<0.001
2/28/2019	<0.001			
4/2/2019	<0.001			
9/18/2019	<0.001			
2/7/2020	<0.001			
5/4/2020	<0.001			
9/23/2020	<0.001			
2/3/2021	0.00018 (J)			
3/11/2021	<0.001			
8/26/2021	<0.001	<0.001	0.00072 (J)	
1/11/2022		<0.001	0.00062 (J)	
3/3/2022	<0.001		0.0006 (J)	
3/4/2022		0.00047 (J)		
6/6/2022			0.00052 (J)	
6/7/2022		<0.001		
8/17/2022	<0.001			
8/18/2022			0.0003 (J)	
8/19/2022		<0.001		
2/15/2023		<0.001	0.00045 (J)	
2/16/2023	<0.001			
8/16/2023	<0.001			
8/17/2023		<0.001	0.00028 (J)	
2/14/2024		<0.001	0.00033 (J)	
2/15/2024	<0.001			
7/31/2024	<0.001		0.00031 (J)	
8/2/2024		<0.001		
2/12/2025		<0.001		<0.001
2/13/2025	<0.001		<0.001	
8/14/2025	<0.001			<0.001
8/18/2025		<0.001	0.00027 (J)	
2/10/2026			0.00053 (J)	
2/11/2026	<0.001	<0.001		
2/12/2026				0.00025 (J)
Mean	0.0009717	0.0009558	0.0004525	0.0008125
Std. Dev.	0.0001523	0.000153	0.0001525	0.000375
Upper Lim.	0.001	0.001	0.0005722	0.001
Lower Lim.	0.00018	0.00047	0.0003328	0.00025

ND substitution: RL or RL/2 if <15% NDs.

FIGURE K.

Appendix IV Trend Test - Confidence Interval Exceedances - Significant Results

Plant Wansley Client: Southern Company Data: Wansley AP 1 Printed 4/22/2026, 1:30 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Beryllium (mg/L)	**WGWC-24**	**-0.002154**	**-39**	**-30**	**Yes**	**12**	**0**	**n/a**	**n/a**	**0.05**	**NP**
Cobalt (mg/L)	**WGWA-1 (bg)**	**-0.00006537**	**-269**	**-106**	**Yes**	**29**	**3.448**	**n/a**	**n/a**	**0.05**	**NP**
Cobalt (mg/L)	**WGWA-2 (bg)**	**-0.00007451**	**-211**	**-106**	**Yes**	**29**	**13.79**	**n/a**	**n/a**	**0.05**	**NP**
Cobalt (mg/L)	**WGWA-5 (bg)**	**-0.0002865**	**-116**	**-76**	**Yes**	**23**	**4.348**	**n/a**	**n/a**	**0.05**	**NP**
Cobalt (mg/L)	**WGWA-18 (bg)**	**-0.0002414**	**-176**	**-106**	**Yes**	**29**	**13.79**	**n/a**	**n/a**	**0.05**	**NP**
Cobalt (mg/L)	**WGWC-24**	**-0.02002**	**-41**	**-30**	**Yes**	**12**	**0**	**n/a**	**n/a**	**0.05**	**NP**
Lithium (mg/L)	**WGWC-19**	**0.001678**	**185**	**106**	**Yes**	**29**	**0**	**n/a**	**n/a**	**0.05**	**NP**
Lithium (mg/L)	**WGWC-20**	**0.008538**	**44**	**37**	**Yes**	**14**	**0**	**n/a**	**n/a**	**0.05**	**NP**
Lithium (mg/L)	**WGWC-21**	**0.01365**	**81**	**37**	**Yes**	**14**	**0**	**n/a**	**n/a**	**0.05**	**NP**

Appendix IV Trend Test - Confidence Interval Exceedances - All Results

Plant Wansley Client: Southern Company Data: Wansley AP 1 Printed 4/22/2026, 1:30 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Beryllium (mg/L)	WGWA-1 (bg)	0	-9	-106	No	29	89.66	n/a	n/a	0.05	NP
Beryllium (mg/L)	WGWA-2 (bg)	0	-7	-106	No	29	89.66	n/a	n/a	0.05	NP
Beryllium (mg/L)	WGWA-3 (bg)	0	-11	-106	No	29	93.1	n/a	n/a	0.05	NP
Beryllium (mg/L)	WGWA-4 (bg)	0	0	106	No	29	100	n/a	n/a	0.05	NP
Beryllium (mg/L)	WGWA-5 (bg)	0	-2	-85	No	25	96	n/a	n/a	0.05	NP
Beryllium (mg/L)	WGWA-6 (bg)	0	-2	-106	No	29	96.55	n/a	n/a	0.05	NP
Beryllium (mg/L)	WGWA-7 (bg)	0	0	106	No	29	96.55	n/a	n/a	0.05	NP
Beryllium (mg/L)	WGWA-18 (bg)	0	0	106	No	29	100	n/a	n/a	0.05	NP
Beryllium (mg/L)	WGWC-20	0.00001997	7	30	No	12	0	n/a	n/a	0.05	NP
Beryllium (mg/L)	**WGWC-24**	**-0.002154**	**-39**	**-30**	**Yes**	**12**	**0**	**n/a**	**n/a**	**0.05**	**NP**
Cobalt (mg/L)	**WGWA-1 (bg)**	**-0.00006537**	**-269**	**-106**	**Yes**	**29**	**3.448**	**n/a**	**n/a**	**0.05**	**NP**
Cobalt (mg/L)	**WGWA-2 (bg)**	**-0.00007451**	**-211**	**-106**	**Yes**	**29**	**13.79**	**n/a**	**n/a**	**0.05**	**NP**
Cobalt (mg/L)	WGWA-3 (bg)	0	0	106	No	29	100	n/a	n/a	0.05	NP
Cobalt (mg/L)	WGWA-4 (bg)	0	6	106	No	29	96.55	n/a	n/a	0.05	NP
Cobalt (mg/L)	**WGWA-5 (bg)**	**-0.0002865**	**-116**	**-76**	**Yes**	**23**	**4.348**	**n/a**	**n/a**	**0.05**	**NP**
Cobalt (mg/L)	WGWA-6 (bg)	0	20	106	No	29	86.21	n/a	n/a	0.05	NP
Cobalt (mg/L)	WGWA-7 (bg)	0	-8	-106	No	29	65.52	n/a	n/a	0.05	NP
Cobalt (mg/L)	**WGWA-18 (bg)**	**-0.0002414**	**-176**	**-106**	**Yes**	**29**	**13.79**	**n/a**	**n/a**	**0.05**	**NP**
Cobalt (mg/L)	**WGWC-24**	**-0.02002**	**-41**	**-30**	**Yes**	**12**	**0**	**n/a**	**n/a**	**0.05**	**NP**
Lithium (mg/L)	WGWA-1 (bg)	-0.00005109	-58	-101	No	28	35.71	n/a	n/a	0.05	NP
Lithium (mg/L)	WGWA-2 (bg)	0.000006772	13	101	No	28	0	n/a	n/a	0.05	NP
Lithium (mg/L)	WGWA-3 (bg)	0	31	101	No	28	89.29	n/a	n/a	0.05	NP
Lithium (mg/L)	WGWA-4 (bg)	0	8	101	No	28	10.71	n/a	n/a	0.05	NP
Lithium (mg/L)	WGWA-5 (bg)	0	0	76	No	23	95.65	n/a	n/a	0.05	NP
Lithium (mg/L)	WGWA-6 (bg)	0.00003377	27	96	No	27	11.11	n/a	n/a	0.05	NP
Lithium (mg/L)	WGWA-7 (bg)	0	13	101	No	28	96.43	n/a	n/a	0.05	NP
Lithium (mg/L)	WGWA-18 (bg)	0	-8	-101	No	28	82.14	n/a	n/a	0.05	NP
Lithium (mg/L)	**WGWC-19**	**0.001678**	**185**	**106**	**Yes**	**29**	**0**	**n/a**	**n/a**	**0.05**	**NP**
Lithium (mg/L)	**WGWC-20**	**0.008538**	**44**	**37**	**Yes**	**14**	**0**	**n/a**	**n/a**	**0.05**	**NP**
Lithium (mg/L)	**WGWC-21**	**0.01365**	**81**	**37**	**Yes**	**14**	**0**	**n/a**	**n/a**	**0.05**	**NP**
Lithium (mg/L)	WGWC-28D	0.05776	11	17	No	8	0	n/a	n/a	0.05	NP

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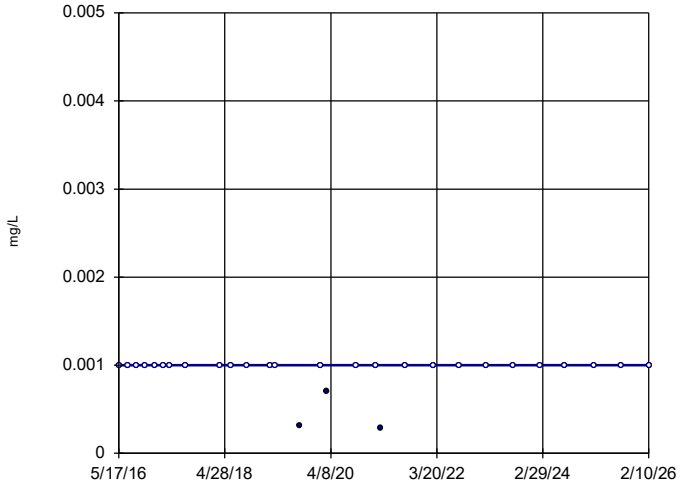
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-1 (bg)



n = 29

Slope = 0
units per year.

Mann-Kendall
statistic = -9
critical = -106

Trend not sig-
nificant at 95%
confidence level
(α = 0.025 per
tail).

Constituent: Beryllium Analysis Run 4/22/2026 1:21 PM View: Appendix IV Trend Tests
Plant Wansley Client: Southern Company Data: Wansley AP 1

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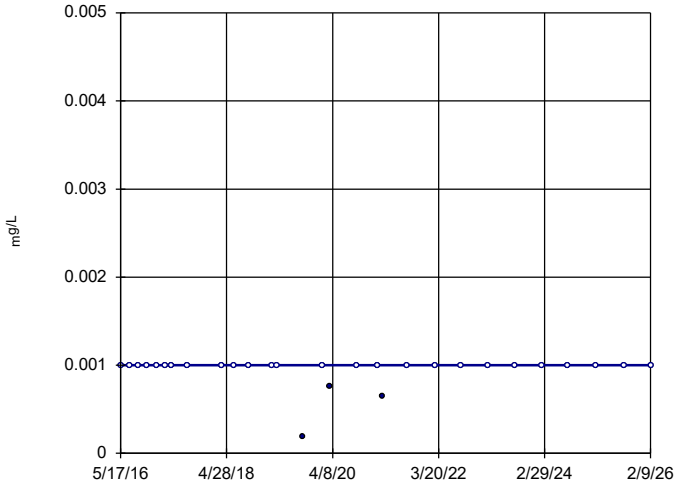
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-2 (bg)



n = 29

Slope = 0
units per year.

Mann-Kendall
statistic = -7
critical = -106

Trend not sig-
nificant at 95%
confidence level
(α = 0.025 per
tail).

Constituent: Beryllium Analysis Run 4/22/2026 1:21 PM View: Appendix IV Trend Tests
Plant Wansley Client: Southern Company Data: Wansley AP 1

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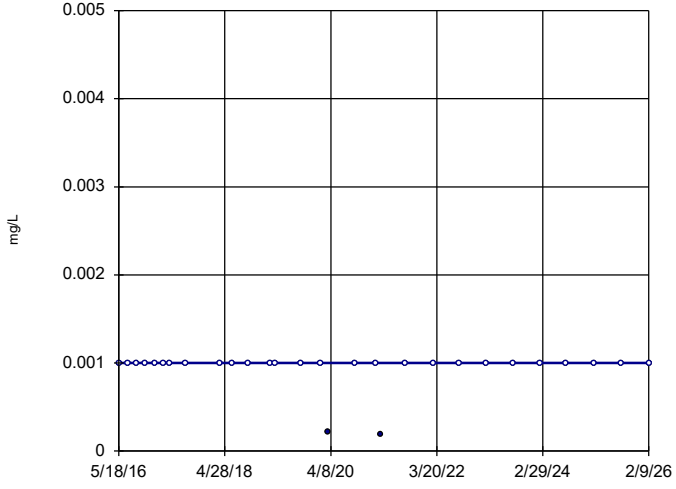
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-3 (bg)



n = 29

Slope = 0
units per year.

Mann-Kendall
statistic = -11
critical = -106

Trend not sig-
nificant at 95%
confidence level
(α = 0.025 per
tail).

Constituent: Beryllium Analysis Run 4/22/2026 1:21 PM View: Appendix IV Trend Tests
Plant Wansley Client: Southern Company Data: Wansley AP 1

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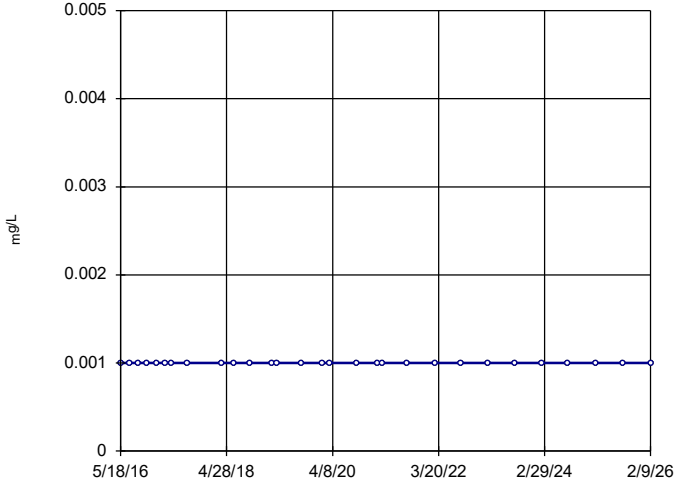
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-4 (bg)



n = 29

Slope = 0
units per year.

Mann-Kendall
statistic = 0
critical = 106

Trend not sig-
nificant at 95%
confidence level
(α = 0.025 per
tail).

Constituent: Beryllium Analysis Run 4/22/2026 1:21 PM View: Appendix IV Trend Tests
Plant Wansley Client: Southern Company Data: Wansley AP 1

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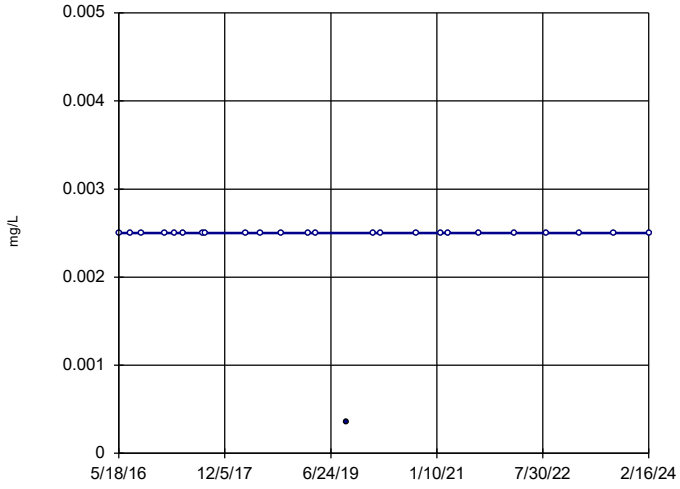
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-5 (bg)



n = 25

Slope = 0
units per year.

Mann-Kendall
statistic = -2
critical = -85

Trend not sig-
nificant at 95%
confidence level
(α = 0.025 per
tail).

Constituent: Beryllium Analysis Run 4/22/2026 1:21 PM View: Appendix IV Trend Tests
Plant Wansley Client: Southern Company Data: Wansley AP 1

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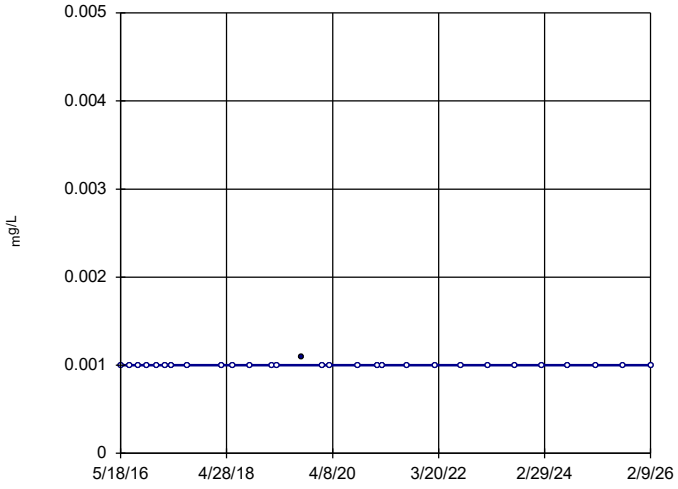
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-6 (bg)



n = 29

Slope = 0
units per year.

Mann-Kendall
statistic = -2
critical = -106

Trend not sig-
nificant at 95%
confidence level
(α = 0.025 per
tail).

Constituent: Beryllium Analysis Run 4/22/2026 1:21 PM View: Appendix IV Trend Tests
Plant Wansley Client: Southern Company Data: Wansley AP 1

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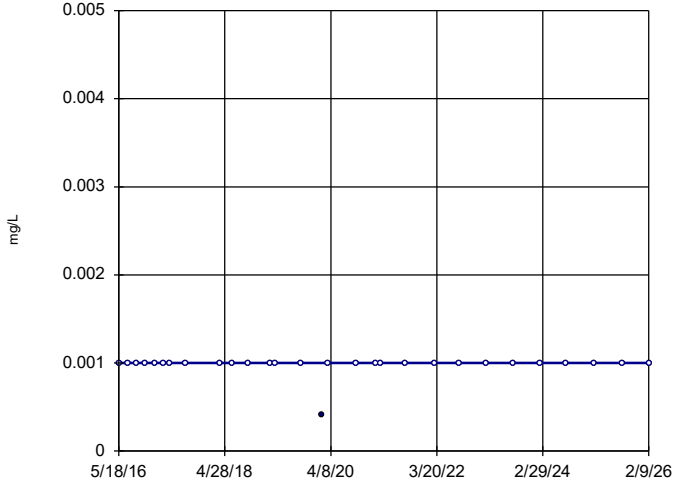
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-7 (bg)



n = 29

Slope = 0
units per year.

Mann-Kendall
statistic = 0
critical = 106

Trend not sig-
nificant at 95%
confidence level
(α = 0.025 per
tail).

Constituent: Beryllium Analysis Run 4/22/2026 1:21 PM View: Appendix IV Trend Tests
Plant Wansley Client: Southern Company Data: Wansley AP 1

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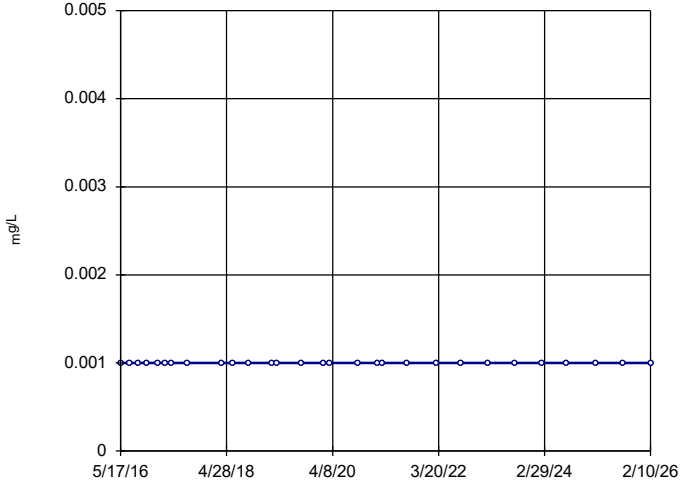
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-18 (bg)



n = 29

Slope = 0
units per year.

Mann-Kendall
statistic = 0
critical = 106

Trend not sig-
nificant at 95%
confidence level
(α = 0.025 per
tail).

Constituent: Beryllium Analysis Run 4/22/2026 1:21 PM View: Appendix IV Trend Tests
Plant Wansley Client: Southern Company Data: Wansley AP 1

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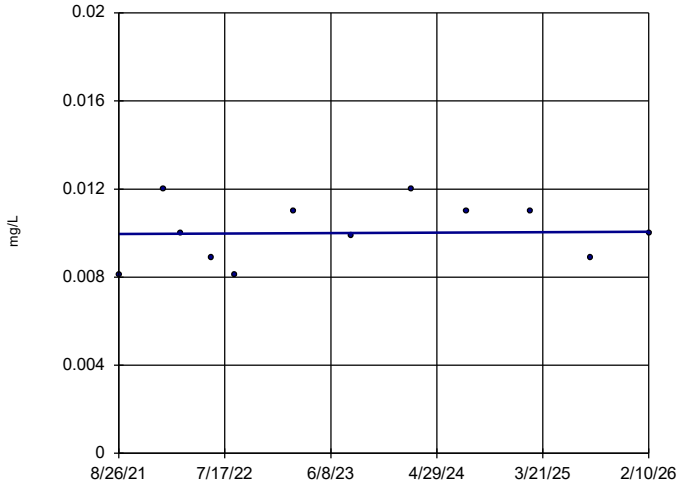
Sen's Slope Estimator

WGWC-20



n = 12

Slope = 0.00001997 units per year.

Mann-Kendall statistic = 7 critical = 30

Trend not significant at 95% confidence level (α = 0.025 per tail).

Constituent: Beryllium Analysis Run 4/22/2026 1:21 PM View: Appendix IV Trend Tests

Plant Wansley Client: Southern Company Data: Wansley AP 1

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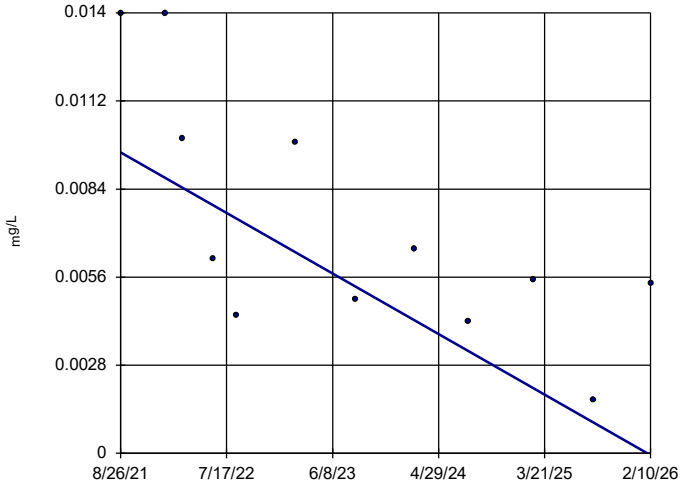
Sen's Slope Estimator

WGWC-24



n = 12

Slope = -0.002154 units per year.

Mann-Kendall statistic = -39 critical = -30

Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

Constituent: Beryllium Analysis Run 4/22/2026 1:21 PM View: Appendix IV Trend Tests

Plant Wansley Client: Southern Company Data: Wansley AP 1

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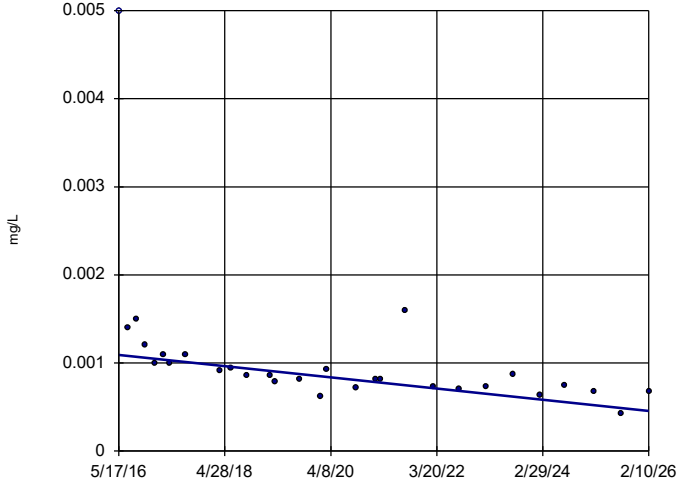
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-1 (bg)



n = 29

Slope = -0.00006537 units per year.

Mann-Kendall statistic = -269 critical = -106

Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

Constituent: Cobalt Analysis Run 4/22/2026 1:21 PM View: Appendix IV Trend Tests

Plant Wansley Client: Southern Company Data: Wansley AP 1

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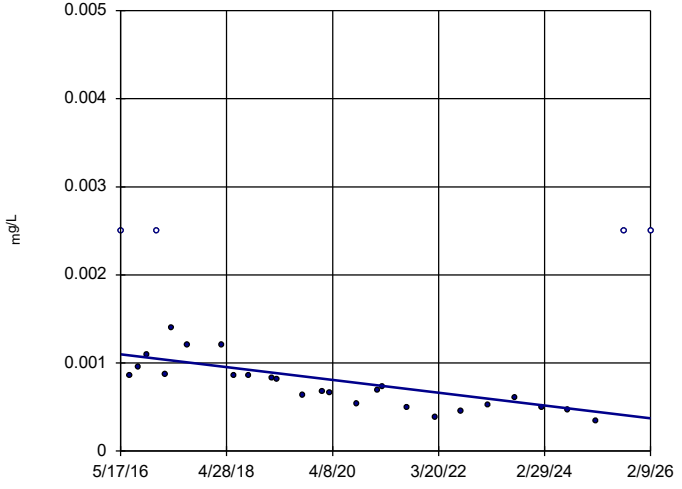
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-2 (bg)



n = 29

Slope = -0.00007451 units per year.

Mann-Kendall statistic = -211 critical = -106

Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

Constituent: Cobalt Analysis Run 4/22/2026 1:21 PM View: Appendix IV Trend Tests

Plant Wansley Client: Southern Company Data: Wansley AP 1

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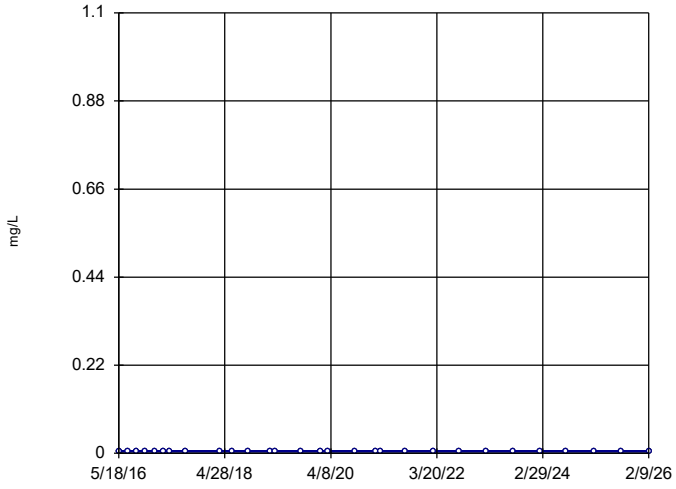
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-3 (bg)



n = 29

Slope = 0
units per year.

Mann-Kendall
statistic = 0
critical = 106

Trend not sig-
nificant at 95%
confidence level
(α = 0.025 per
tail).

Constituent: Cobalt Analysis Run 4/22/2026 1:21 PM View: Appendix IV Trend Tests
Plant Wansley Client: Southern Company Data: Wansley AP 1

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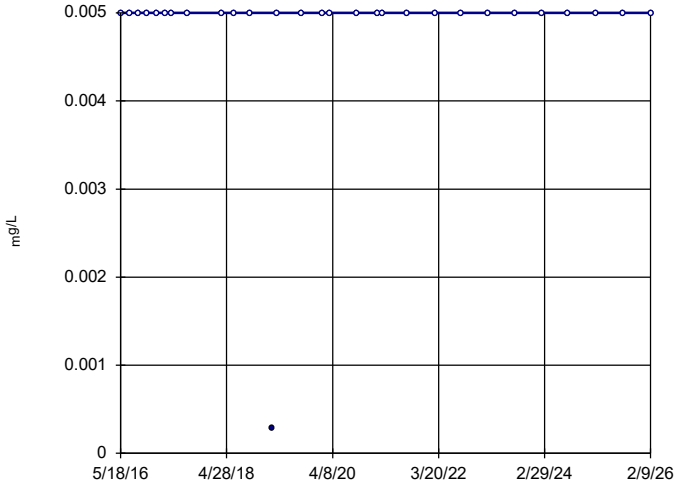
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-4 (bg)



n = 29

Slope = 0
units per year.

Mann-Kendall
statistic = 6
critical = 106

Trend not sig-
nificant at 95%
confidence level
(α = 0.025 per
tail).

Constituent: Cobalt Analysis Run 4/22/2026 1:21 PM View: Appendix IV Trend Tests
Plant Wansley Client: Southern Company Data: Wansley AP 1

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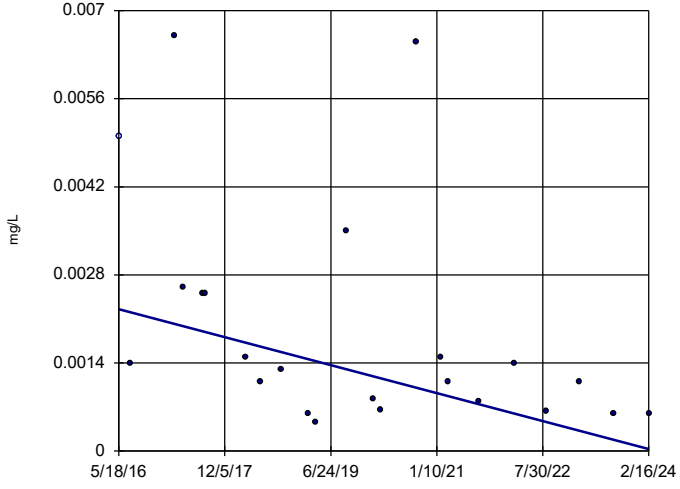
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-5 (bg)



n = 23

Slope = -0.0002865
units per year.

Mann-Kendall
statistic = -116
critical = -76

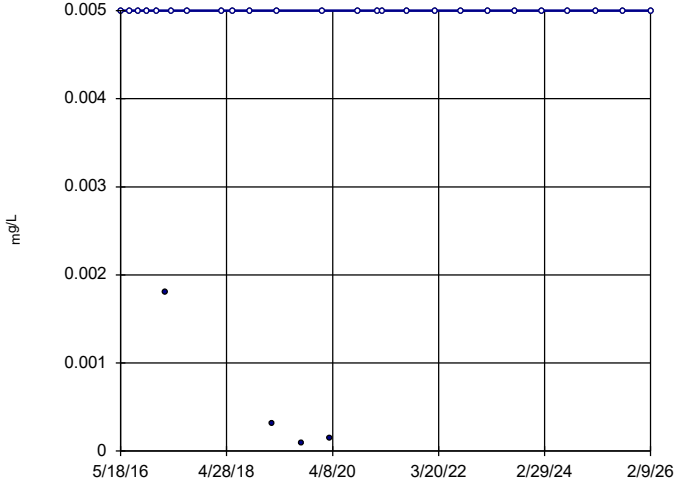
Decreasing trend
significant at 95%
confidence level
(α = 0.025 per
tail).

Constituent: Cobalt Analysis Run 4/22/2026 1:21 PM View: Appendix IV Trend Tests
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-6 (bg)



n = 29

Slope = 0
units per year.

Mann-Kendall
statistic = 20
critical = 106

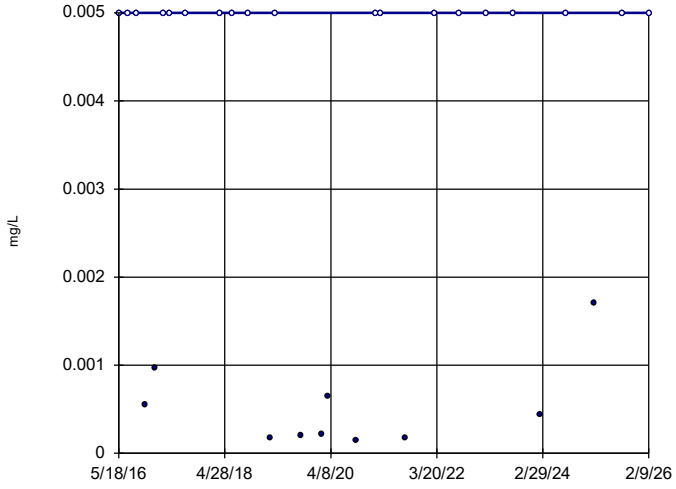
Trend not sig-
nificant at 95%
confidence level
(α = 0.025 per
tail).

Constituent: Cobalt Analysis Run 4/22/2026 1:21 PM View: Appendix IV Trend Tests
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-7 (bg)



n = 29

Slope = 0
units per year.

Mann-Kendall
statistic = -8
critical = -106

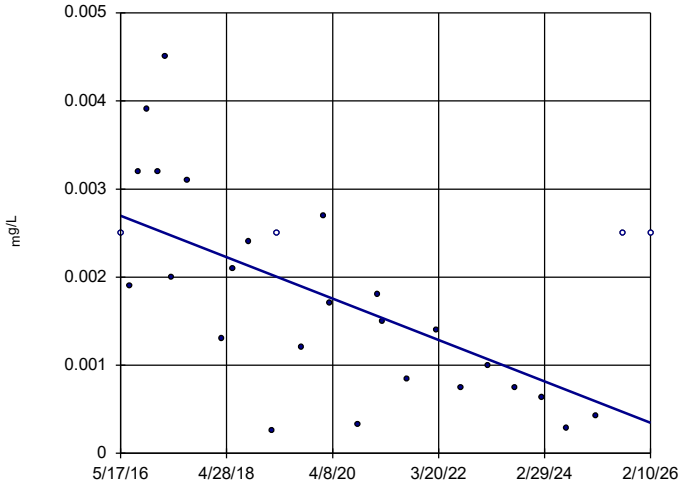
Trend not sig-
nificant at 95%
confidence level
(α = 0.025 per
tail).

Constituent: Cobalt Analysis Run 4/22/2026 1:21 PM View: Appendix IV Trend Tests
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-18 (bg)



n = 29

Slope = -0.0002414
units per year.

Mann-Kendall
statistic = -176
critical = -106

Decreasing trend
significant at 95%
confidence level
(α = 0.025 per
tail).

Constituent: Cobalt Analysis Run 4/22/2026 1:21 PM View: Appendix IV Trend Tests
Plant Wansley Client: Southern Company Data: Wansley AP 1

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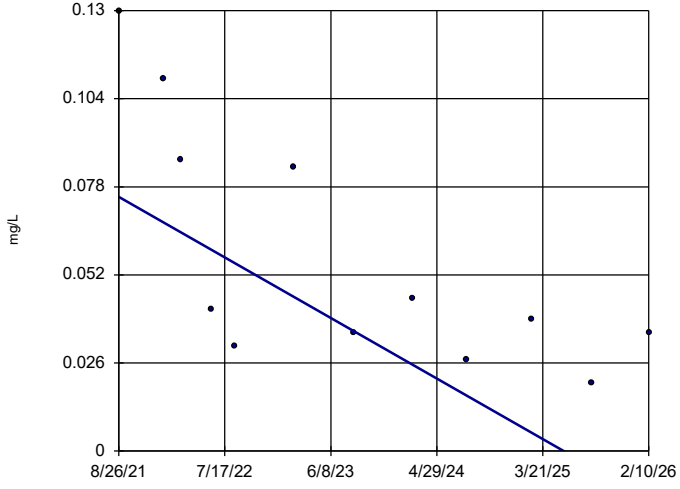
Sen's Slope Estimator

WGWC-24



n = 12

Slope = -0.02002
units per year.

Mann-Kendall
statistic = -41
critical = -30

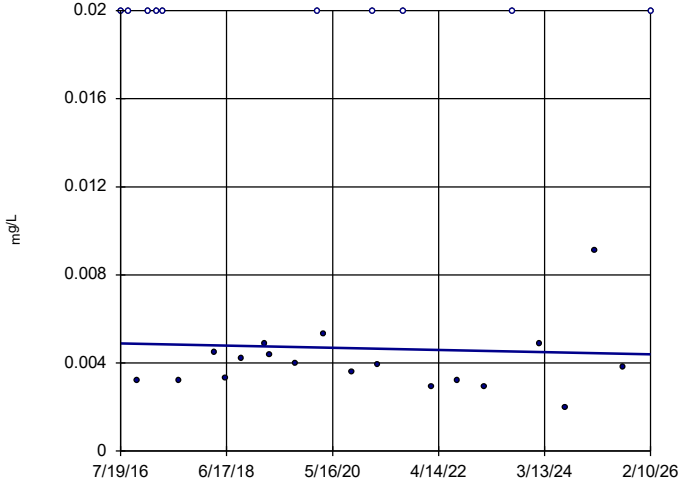
Decreasing trend
significant at 95%
confidence level
(α = 0.025 per
tail).

Constituent: Cobalt Analysis Run 4/22/2026 1:21 PM View: Appendix IV Trend Tests
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-1 (bg)



n = 28

Slope = -0.00005109
units per year.

Mann-Kendall
statistic = -58
critical = -101

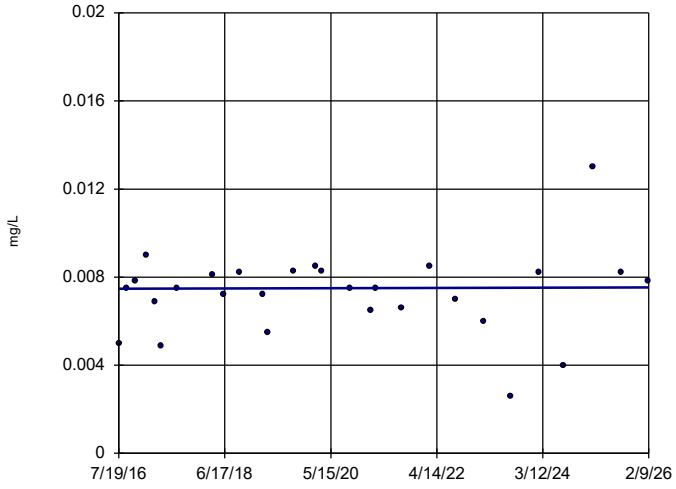
Trend not sig-
nificant at 95%
confidence level
(α = 0.025 per
tail).

Constituent: Lithium Analysis Run 4/22/2026 1:21 PM View: Appendix IV Trend Tests
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG

Sen's Slope Estimator

WGWA-2 (bg)



n = 28

Slope = 0.000006772 units per year.

Mann-Kendall statistic = 13 critical = 101

Trend not significant at 95% confidence level (α = 0.025 per tail).

Constituent: Lithium Analysis Run 4/22/2026 1:21 PM View: Appendix IV Trend Tests

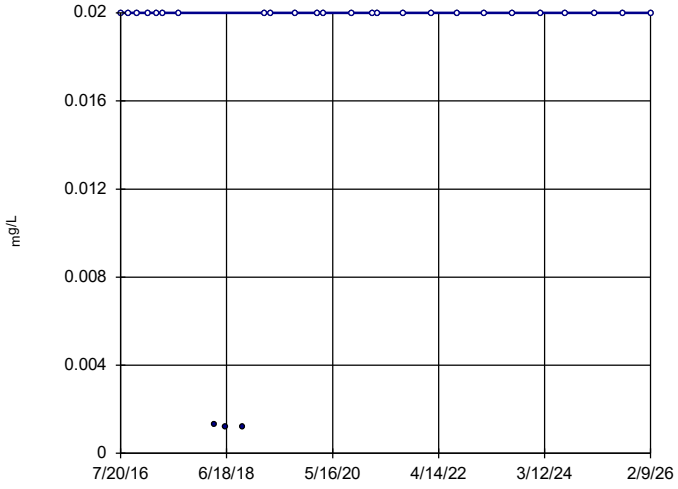
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG

Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-3 (bg)



n = 28

Slope = 0 units per year.

Mann-Kendall statistic = 31 critical = 101

Trend not significant at 95% confidence level (α = 0.025 per tail).

Constituent: Lithium Analysis Run 4/22/2026 1:21 PM View: Appendix IV Trend Tests

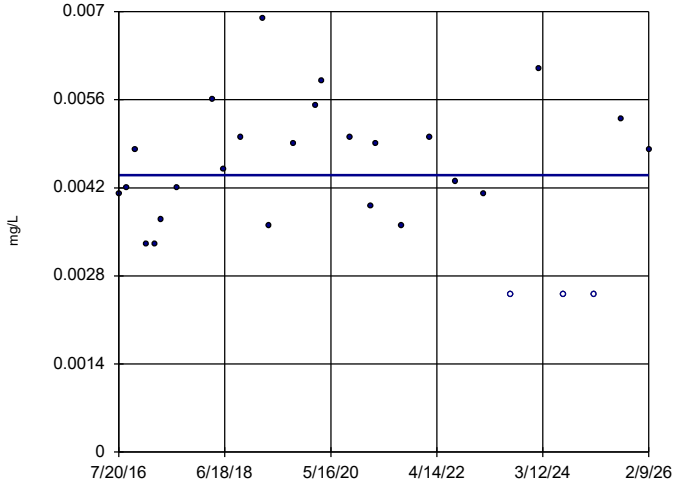
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG

Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-4 (bg)



n = 28

Slope = 0 units per year.

Mann-Kendall statistic = 8 critical = 101

Trend not significant at 95% confidence level (α = 0.025 per tail).

Constituent: Lithium Analysis Run 4/22/2026 1:21 PM View: Appendix IV Trend Tests

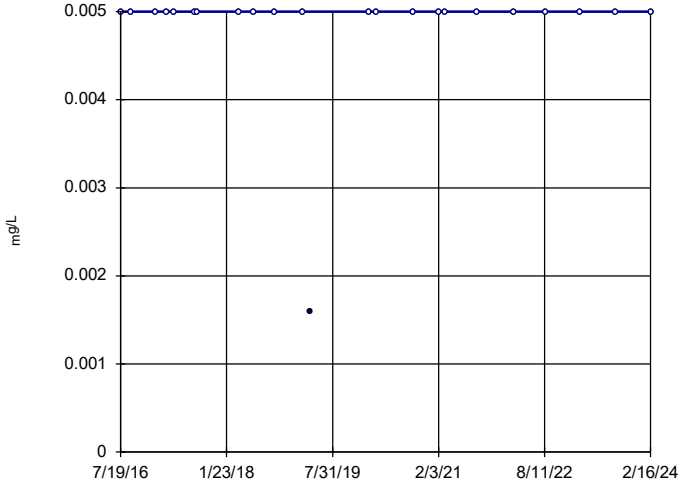
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG

Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-5 (bg)



n = 23

Slope = 0 units per year.

Mann-Kendall statistic = 0 critical = 76

Trend not significant at 95% confidence level (α = 0.025 per tail).

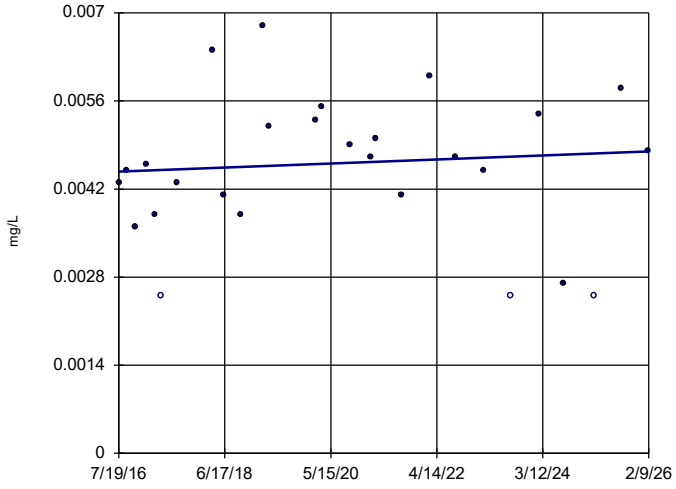
Constituent: Lithium Analysis Run 4/22/2026 1:21 PM View: Appendix IV Trend Tests

Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-6 (bg)



n = 27

Slope = 0.00003377 units per year.

Mann-Kendall statistic = 27 critical = 96

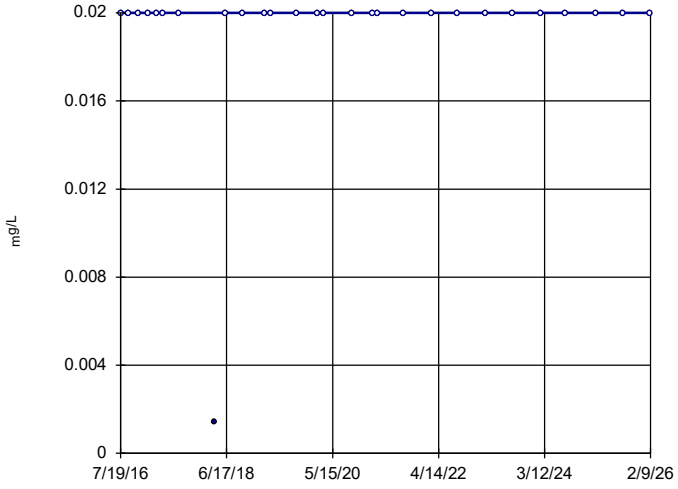
Trend not significant at 95% confidence level (α = 0.025 per tail).

Constituent: Lithium Analysis Run 4/22/2026 1:21 PM View: Appendix IV Trend Tests
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-7 (bg)



n = 28

Slope = 0 units per year.

Mann-Kendall statistic = 13 critical = 101

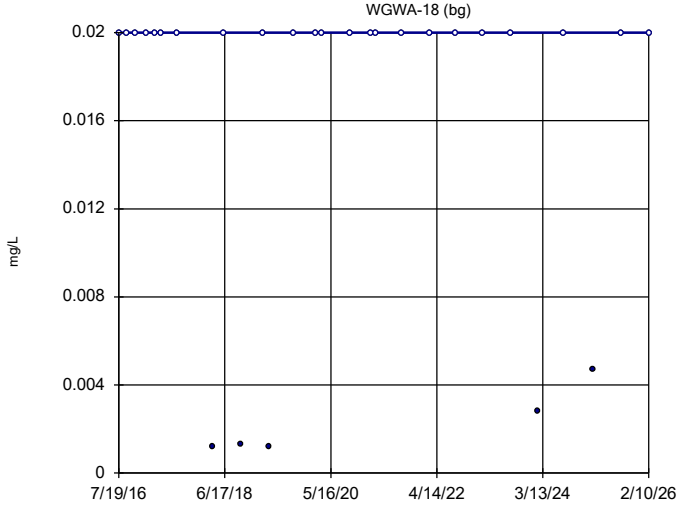
Trend not significant at 95% confidence level (α = 0.025 per tail).

Constituent: Lithium Analysis Run 4/22/2026 1:21 PM View: Appendix IV Trend Tests
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

WGWA-18 (bg)



n = 28

Slope = 0 units per year.

Mann-Kendall statistic = -8 critical = -101

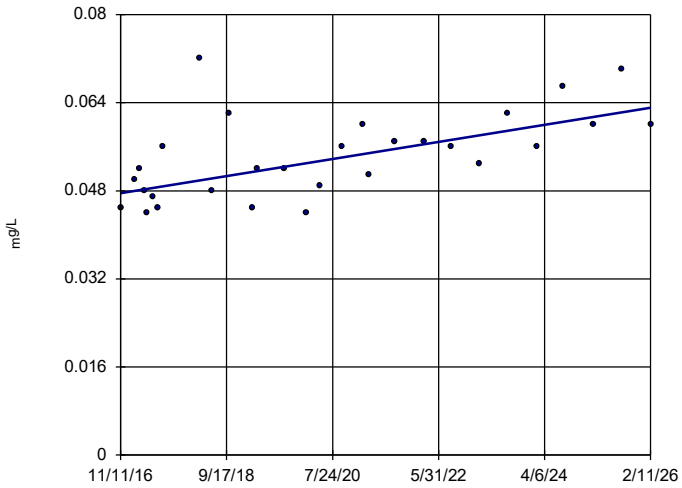
Trend not significant at 95% confidence level (α = 0.025 per tail).

Constituent: Lithium Analysis Run 4/22/2026 1:21 PM View: Appendix IV Trend Tests
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG

Sen's Slope Estimator

WGWC-19



n = 29

Slope = 0.001678 units per year.

Mann-Kendall statistic = 185 critical = 106

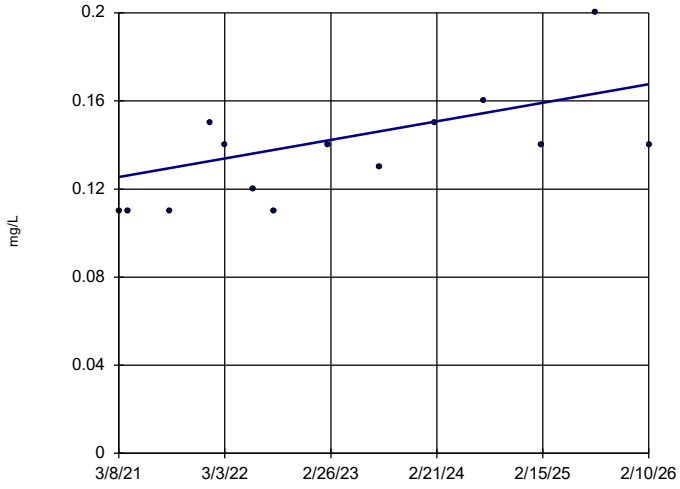
Increasing trend significant at 95% confidence level (α = 0.025 per tail).

Constituent: Lithium Analysis Run 4/22/2026 1:21 PM View: Appendix IV Trend Tests
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG

Sen's Slope Estimator

WGWC-20



n = 14

Slope = 0.008538 units per year.

Mann-Kendall statistic = 44 critical = 37

Increasing trend significant at 95% confidence level (α = 0.025 per tail).

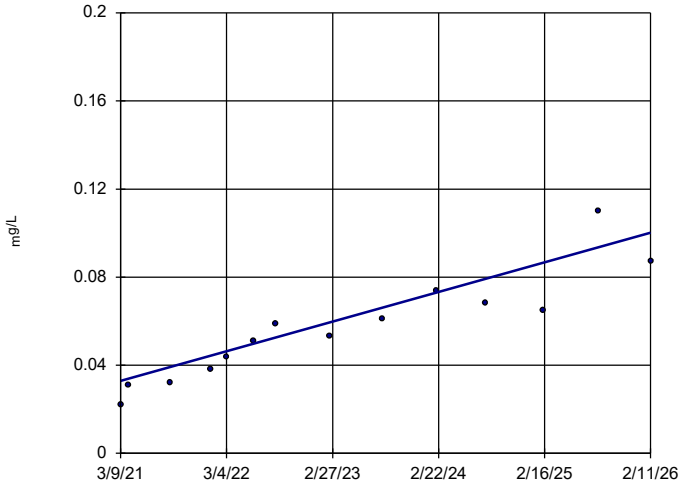
Constituent: Lithium Analysis Run 4/22/2026 1:21 PM View: Appendix IV Trend Tests

Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG

Sen's Slope Estimator

WGWC-21



n = 14

Slope = 0.01365 units per year.

Mann-Kendall statistic = 81 critical = 37

Increasing trend significant at 95% confidence level (α = 0.025 per tail).

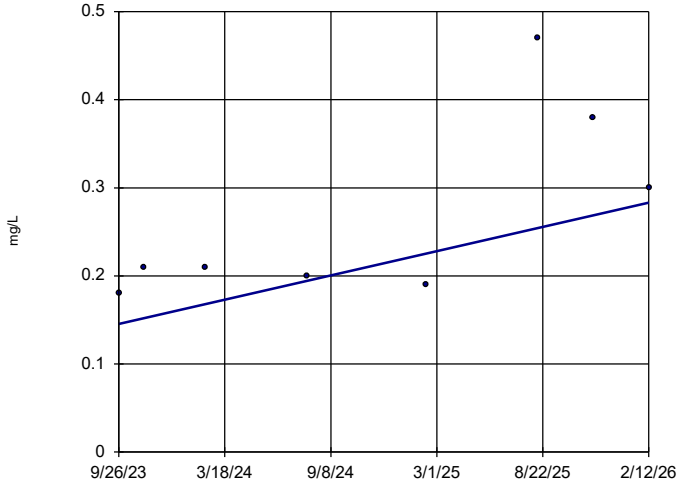
Constituent: Lithium Analysis Run 4/22/2026 1:21 PM View: Appendix IV Trend Tests

Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG

Sen's Slope Estimator

WGWC-28D



n = 8

Slope = 0.05776 units per year.

Mann-Kendall statistic = 11 critical = 17

Trend not significant at 95% confidence level (α = 0.025 per tail).

Constituent: Lithium Analysis Run 4/22/2026 1:21 PM View: Appendix IV Trend Tests

Plant Wansley Client: Southern Company Data: Wansley AP 1

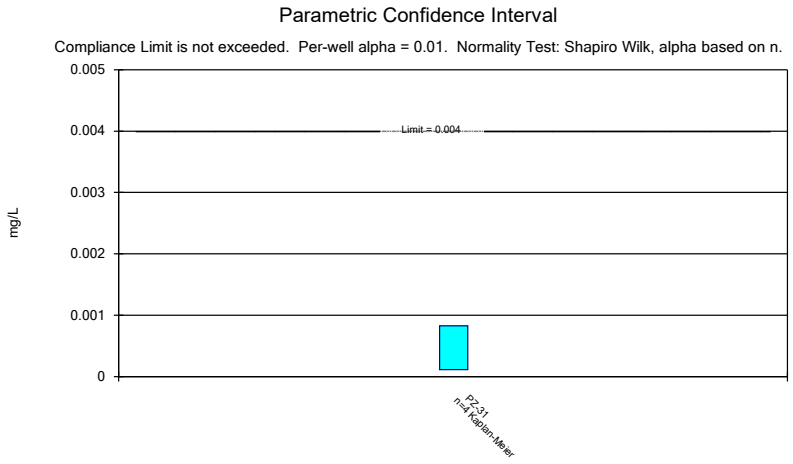
FIGURE L.

Appendix IV Confidence Intervals - Well PZ-31 - All Results (No Significant)

Plant Wansley Client: Southern Company Data: Wansley AP 1 Printed 7/27/2026, 11:30 AM

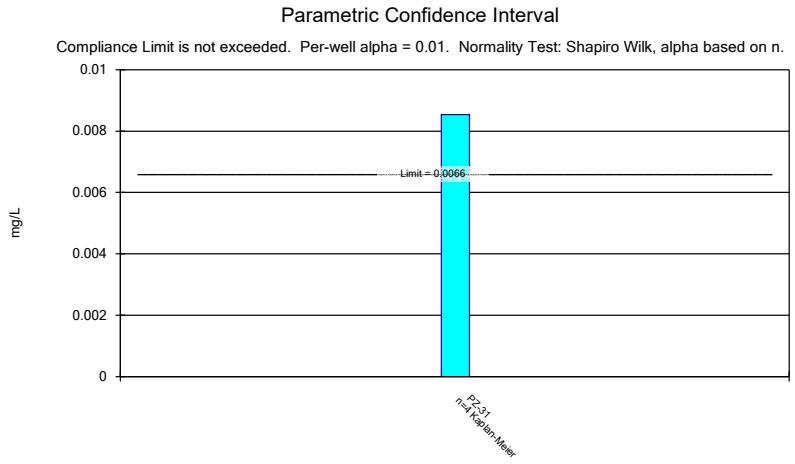
Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	%NDs	ND Adj.	Transform	Alpha	Method
Beryllium (mg/L)	PZ-31	0.000828	0.000112	0.004	No	4	25	Kaplan-Meier	No	0.01	Param.
Cobalt (mg/L)	PZ-31	0.008541	0	0.0066	No	4	25	Kaplan-Meier	No	0.01	Param.
Fluoride (mg/L)	PZ-31	0.2	0.1	4	No	4	50	None	No	0.0625	NP (normality)

Sanitas™ v.10.1.08 Software licensed to Groundwater Stats Consulting. UG



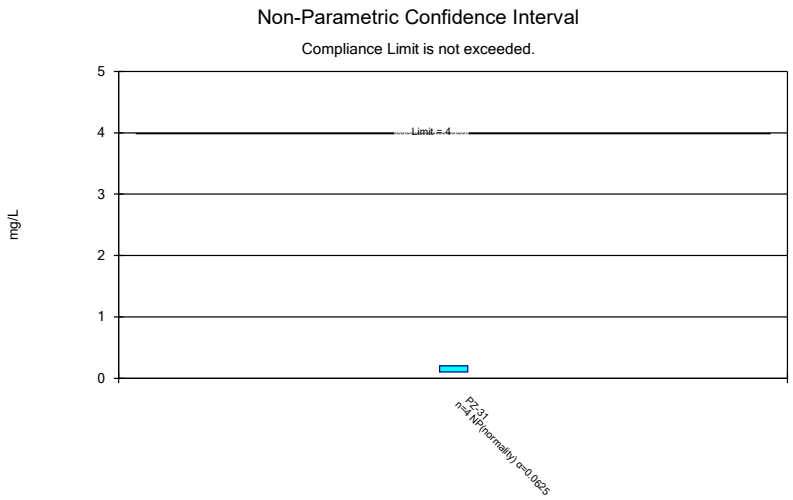
Constituent: Beryllium Analysis Run 7/27/2026 11:29 AM View: Confidence Intervals
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.08 Software licensed to Groundwater Stats Consulting. UG



Constituent: Cobalt Analysis Run 7/27/2026 11:29 AM View: Confidence Intervals
Plant Wansley Client: Southern Company Data: Wansley AP 1

Sanitas™ v.10.1.08 Software licensed to Groundwater Stats Consulting. UG



Constituent: Fluoride Analysis Run 7/27/2026 11:29 AM View: Confidence Intervals
Plant Wansley Client: Southern Company Data: Wansley AP 1

Confidence Interval

Constituent: Beryllium (mg/L) Analysis Run 7/27/2026 11:30 AM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	PZ-31
5/9/2024	0.00026 (J)
2/13/2025	0.00051 (J)
8/13/2025	<0.001
2/12/2026	0.00064 (J)
Mean	0.0006025
Std. Dev.	0.0003084
Upper Lim.	0.000828
Lower Lim.	0.000112

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Cobalt (mg/L) Analysis Run 7/27/2026 11:30 AM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	PZ-31
5/9/2024	0.0071
2/13/2025	0.0016 (J)
8/13/2025	0.00075 (J)
2/12/2026	<0.005
Mean	0.003612
Std. Dev.	0.002963
Upper Lim.	0.008541
Lower Lim.	0

ND substitution: RL or RL/2 if <15% NDs.

Confidence Interval

Constituent: Fluoride (mg/L) Analysis Run 7/27/2026 11:30 AM View: Confidence Intervals

Plant Wansley Client: Southern Company Data: Wansley AP 1

	PZ-31
5/9/2024	<0.2
2/13/2025	<0.2
8/13/2025	0.2
2/12/2026	0.1 (J)
Mean	0.175
Std. Dev.	0.05
Upper Lim.	0.2
Lower Lim.	0.1

ND substitution: RL or RL/2 if <15% NDs.

APPENDIX E

Alternate Source Demonstration Addendum - Lithium

Prepared for

Georgia Power Company
241 Ralph McGill Boulevard NE
Atlanta, Georgia 30308

ALTERNATE SOURCE DEMONSTRATION ADDENDUM - LITHIUM (WGWC-19 AND WGWC-21)

PLANT WANSLEY ASH POND 1 (AP-1)

Prepared by

Geosyntec consultants

engineers | scientists | innovators

1255 Roberts Boulevard, Suite 200
Kennesaw, Georgia 30144

Project Number GW11293

August 2026

ALTERNATE SOURCE DEMONSTRATION ADDENDUM – LITHIUM

Plant Wansley

Ash Pond 1 (AP-1)

August 28, 2026

Matthew Talbert, P.E. (GA), BCEE
Project Manager

Whitney Law, P.E. (GA)
Program Manager

Certification Statement

Alternate Source Demonstration Addendum – Lithium
Plant Wansley
Ash Pond 1 (AP-1)
August 28, 2026

This *Alternate Source Demonstration Addendum – Lithium, Plant Wansley Ash Pond 1 (AP-1)* has been prepared in compliance with the United States Environmental Protection Agency Coal Combustion Residual Rule [40 Code of Federal Regulations 257 Subpart D], specifically 257.95(g)(3)(ii), and the Georgia Environmental Protection Division Rules for Solid Waste Management 391-3-4-.10(6), by a qualified groundwater scientist or engineer with Geosyntec Consultants. I hereby certify that I am a qualified groundwater scientist, in accordance with the Georgia Rules of Solid Waste Management, and 40 CFR Part 258.50(g).

Matt Talbert, P.E. (GA), BCEE	08/28/2026 Date

Geosyntec consultants

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LIST OF ACRONYMS

AP	Ash Pond
ASD	Alternate Source Demonstration
CCR	Coal Combustion Residual
CFR	Code of Federal Regulations
EMPA	Electron Microprobe Analysis
ESD	equivalent spherical diameter
ft bgs	feet below ground surface
GA EPD	Georgia Environmental Protection Division
Georgia Power	Georgia Power Company
GWPS	Groundwater Protection Standard
HAR	Hydrogeologic Assessment Report
Kd	distribution coefficient
LA-ICP-MS	Laser Ablation Inductively Coupled Plasma Mass Spectrometry
Li	Lithium
δ7Li	lithium isotopic ratio
L/kg	liters per kilogram
MDL	method detection limit
mg/kg	milligram per kilogram
mg/L	milligram per liter
µm	micrometers
PWR	partially weathered rock
QEMSCAN	Quantitative Evaluation of Materials by Scanning Electron Microscopy
Site	Plant Wansley
SEP	sequential extraction procedure
SSL	statistically significant level
87Sr/86Sr	strontium isotopic ratio
USEPA	United States Environmental Protection Agency
XRD	X-Ray Diffraction

1. INTRODUCTION

1.1 Purpose

This document presents a second addendum to the alternate source demonstration (ASD) provided in the *2018 Annual Groundwater Monitoring and Corrective Action Report, Georgia Power Company – Plant Wansley – Ash Pond 1 (AP-1)* (ACC, 2019a) for the statistically significant levels (SSLs) of lithium (Li) above the groundwater protection standard (GWPS) of 0.040 milligrams per liter (mg/L) detected in compliance groundwater monitoring wells WGWC-19 and WGWC-21 located at Georgia Power Company's (Georgia Power) Plant Wansley (Site) Ash Pond 1 (AP-1). A lithium SSL was first identified in WGWC-19 during the 2018 reporting year and in WGWC-21 during the 2025 reporting year.

The 2018 ASD (ACC, 2019b) and the subsequent *Alternative Source Demonstration Addendum - Lithium – Plant Wansley Ash Pond 1 (AP-1)* (Geosyntec, 2021) presented evidence that the source of lithium in groundwater at WGWC-19 was naturally derived from the underlying bedrock units and did not originate from AP-1. The previous ASD and Addendum did not discuss WGWC-21, as it was not added to the groundwater monitoring network until 2021 and a lithium SSL was not identified until after the previous deliverables were submitted. On September 26, 2024, Georgia Environmental Protection Division (GA EPD) issued a letter of nonconcurrence stating that they do not currently concur with the 2021 ASD Addendum based on the information provided. Since submittal of the 2021 ASD Addendum, supplemental data have been collected which provide additional evidence to support the natural occurrence of lithium in groundwater at WGWC-19. This 2026 ASD Addendum is submitted for the SSLs of lithium in WGWC-19 and WGWC-21.

The analytical data and statistical analyses presented in this 2026 ASD Addendum show that the SSLs of lithium in WGWC-19 and WGWC-21 are not a result of a release from AP-1 based on the low to nondetect concentrations of coal combustion residual (CCR) indicators (e.g., boron) in groundwater, the naturally occurring lithium associated with location-specific clays, amphibolites, and iron and magnesium-rich minerals in the rock core samples, and the distinct isotopic signatures observed at these locations relative to AP-1 porewater. Given the documented influence of the bedrock lithology on groundwater lithium concentrations, the current statistical calculation of the GWPS is

inadequate and should be revised to capture the expected range of naturally occurring lithium concentrations at the Site.

The 2018 ASD, the 2021 ASD Addendum, and this 2026 ASD Addendum have been prepared pursuant to regulations in Title 40 Code of Federal Regulations (CFR) Part 257 Subpart D [the Federal CCR Rule], specifically § 257.95(g)(3)(ii), which allows the owner or operator to demonstrate that a source other than the CCR unit caused the contamination, or that the statistically significant increase (SSI) resulted from error in sampling, analysis, or statistical evaluation. Moreover, the 2018 ASD, the 2021 ASD Addendum, and this 2026 ASD Addendum also serve as an ASD under the Georgia regulations per Rule 391-3-4-.10(6) of the Georgia Administrative Code, which incorporates § 257.95(g)(3)(ii) by reference.

1.2 Groundwater Monitoring and Basis of Statistically Significant Levels

In accordance with § 257.91, a groundwater monitoring system was installed at AP-1 to monitor the uppermost occurrence of groundwater beneath the Site. WGWC-19 and WGWC-21 were installed as detection monitoring wells in October 2015 and October 2020, respectively, and are sampled semiannually for the constituents listed in Appendix III and Appendix IV as part of the groundwater monitoring plan. The current groundwater monitoring network is shown on **Figure 1**.

In accordance with § 257.95(h)(2)(iii), the GWPS for lithium at AP-1 is 0.040 mg/L. The background lithium concentration established in August 2025 was 0.020 mg/L based on the pooled dataset from background monitoring wells WGWA-1 through WGWA-7 and WGWA-18. Because this background concentration is less than the CCR Rule-provided value of 0.040 mg/L, the Rule-specified value was established as the GWPS and used to evaluate SSLs for lithium. Statistical analysis of Appendix IV data from WGWC-19 and WGWC-21 identified lithium concentrations above the established GWPS representing SSLs since 2018 and 2025, respectively. These SSLs have been documented in semiannual groundwater monitoring and corrective action reports previously submitted to GA EPD from 2018 to 2025.

1.3 Summary of 2026 ASD Addendum

This 2026 ASD Addendum provides supplemental groundwater and rock sample laboratory analytical data collected at and in the vicinity of WGWC-19 and WGWC-21 since submitting the 2021 ASD Addendum.

The supplemental data that support the conclusions of the 2018 ASD and 2021 ASD Addendum for WGWC-19 include:

- Groundwater data through 2025 have consistently included non-detect boron concentrations at WGWC-19, indicating no potential CCR impacts to groundwater in this location.

- WGWC-19 has a distinctly different chemistry from AP-1 porewater and WGWC-24 (a downgradient detection well presumed historically influenced by AP-1), supporting that lithium at WGWC-19 is not attributable to CCR porewater impacts.

- Total metals analysis on rock core samples collected from an interval of the WAMW-1 rock core representing the same lithology and depth interval as the WGWC-19 screened interval confirmed the presence of natural lithium in Site solids at concentrations up to 41 mg/kg, consistent with the elevated lithium previously observed in rock core samples from WGWC-19 (40 to 97 mg/kg).

- X-ray Diffraction (XRD) and Quantitative Evaluation of Materials by Scanning Electron Microscopy (QEMSCAN) analysis on the WAMW-1 rock samples identified biotite and chlorite. These clay minerals are known carriers for lithium, which can be weathered out from the solid phase and dissolved into groundwater.

- Electron Microprobe Analysis (EMPA) and Laser Ablation Inductively Coupled Plasma Mass Spectrometry (LA-ICP-MS) results on Site solids where the highest lithium concentration was observed (e.g., PZ-33D) indicated lithium was most abundant in biotite and chlorite. The clays, amphibolites, and iron- and magnesium- rich minerals present in the WGWC-19 area, as documented by XRD of the WAMW-1 sample, are carriers for lithium, which can leach out into solution through mineral weathering.

- Stable isotope analysis of lithium and strontium show distinctly different WGWC-19 signatures from the interstitial well (PZA-2M), illustrating the absence of influence of CCR impacts at this location and that the lithium in WGWC-19 groundwater is sourced from the underlying bedrock material.

- The background wells are not screened in the same lithology as WGWC-19, therefore, differences in naturally occurring groundwater chemistry are expected.

- Potentiometric surface maps show a groundwater divide along the topographic ridge that runs along the southeastern boundary of AP-1, indicating an inward hydraulic gradient toward the ash pond in the vicinity of WGWC-19 (Geosyntec, 2025a).

The data supporting the conclusion that lithium detected in groundwater at WGWC-21 is not attributable to CCR impacts and instead reflects naturally occurring site conditions include:

- The low concentrations of boron (average detected concentration of 0.12 mg/L) at WGWC-21 which is comparable to Site background (ACC, 2026) indicates no potential CCR impacts to groundwater in this location.

- WGWC-21 has a distinctly different chemistry from AP-1 porewater and WGWC-24 (a downgradient detection well location presumed influenced by AP-1), supporting that lithium at WGWC-21 is not attributable to CCR porewater impacts.

- Total metals analysis on rock core samples from WGWC-21 confirmed the presence of natural lithium in Site solids at concentrations ranging from 30 to 40 mg/kg. This indicates a significant source of lithium, above average crustal abundance (20 mg/kg), in the subsurface formations.

- XRD and QEMSCAN data from rock core near WGWC-21 identified mica and clay phases, including muscovite, biotite, and chlorite representing the most likely lithium-bearing phases in the WGWC-21 sample. These minerals are known carriers for lithium, which can be weathered out from the solid phase and dissolved into groundwater.

- Stable strontium and lithium isotope analysis shows distinctly different signatures of WGWC-21 from the interstitial well PZA-2M consistent with naturally occurring lithium in groundwater, suggesting the absence of influence of CCR at this location and that the lithium in WGWC-21 groundwater is sourced from the underlying bedrock material.

- The Ash Pond background wells are not screened in the same lithology as WGWC-21, therefore, differences in naturally occurring groundwater chemistry are expected. The Landfill background wells GWA-28 and GWA-29, which are screened in the same lithology as WGWC-21, showed lithium detections with an average and maximum concentrations of approximately 0.0401 and 0.044 mg/l, respectively, providing additional evidence that lithium occurs naturally in this lithologic unit.

2. SITE BACKGROUND AND SUMMARY OF PREVIOUS ASDS

2.1 Site Background

AP-1 is located in the Piedmont Physiographic Province of western Georgia, which is characterized by gently rolling hills and narrow valleys with two pronounced linear ridges on the northwest and southeast sides of the pond, as well as smaller rolling hills along the western property boundary. The area southeast and south of AP-1 is underlain primarily by four lithologic units; (i) alluvial deposits, (ii) residual soils and saprolite, (iii) partially weathered rock (PWR), and (iv) metamorphic crystalline bedrock. Geologic investigations and mapping performed by Golder Associates (Golder) in 2015 indicate that bedrock units present southeast and south of AP-1 consist primarily of schist, amphibolite, gneiss, and quartzite as shown on **Figure 1**. Characteristics of the various bedrock units were described by Golder in the *Geologic and Hydrogeologic Report* (Golder, 2018). The bedrock units at the Site steeply dip to the east-southeast and are marked by three mapped faults (Golder, 2018).

The background wells are predominantly located within the muscovite schist formation, including WGWA-3, WGWA-4, WGWA-5, WGWA-6, WGWA-7, and WGWA-18. WGWA-1 and WGWA-2 are screened within garnet schist and schist-amphibolite units, respectively. On other hand, the two downgradient locations discussed herein, WGWC-19 and WGWC-21, are screened within the sheared button schist and gneiss bedrock units, respectively. These mapped metamorphic lithologies indicate substantial natural lithologic heterogeneity across the Site.

While the aquifer characteristics of each lithologic unit may vary, the uppermost groundwater is interpreted to be interconnected and acts as one unconfined aquifer. According to previous investigations, the potentiometric surface is a subdued reflection of the topography. The top of rock surface also generally follows topography and likely controls groundwater flow direction in the uppermost aquifer, which occurs within the overburden soils (alluvial deposits, residual soils, and saprolite) and PWR and is hydraulically connected to the bedrock via joints, fractures, or low-resistance stratigraphic layer of the rock. Recharge is by precipitation infiltrating through the overlying residual soil and saprolite to the bedrock.

Additional information regarding the geologic and hydrogeologic setting of AP-1 is available in the *Hydrogeologic Assessment Report* (*HAR) Rev. 05* (Geosyntec, 2025b).

2.2 Summary of 2018 ASD

In 2018, an ASD was prepared to address the SSL of lithium identified in WGWC-19 (ACC, 2019b). This ASD is provided as **Appendix A**. As detailed in the 2018 ASD, the lithium SSL reported for WGWC-19 is solely related to rock chemistry that is not accounted for in the background data set and is not associated with a release from AP-1. A multiple lines of evidence approach was used to support this conclusion. Key points are summarized below.

- There are several lithologic units present at AP-1 (HAR Rev. 05 Figure 1-3), with the background rock units north and northwest of AP-1 differing from the downgradient area southeast and south of the ash pond. The solids in the background units contain a substantially lower abundance of lithium than units downgradient due to variability in rock unit composition. Correspondingly, the lithium groundwater concentrations originating from natural geologic sources are expected to vary spatially across the Site with changing geologic units.

- Naturally occurring lithium was found to be present in rock units at the Site. Laboratory analysis of rock samples collected from WGWC-19 confirmed elevated lithium concentrations up to approximately 100 milligrams per kilogram (mg/kg).

- The lack of boron detections (commonly used as a tracer to indicate CCR impacts to groundwater) and low concentrations of other CCR indicator parameters (Appendix III constituents) at WGWC-19, and its similar ion composition to background wells suggest no CCR impact in WGWC-19. This was further supported by a piper diagram, where WGWC-19 clustered with most background wells at the Site, indicating limited or no geochemical changes from background conditions at this location.

- Analytical data shows dissolved silicon in groundwater from downgradient wells, indicating lithium-bearing silicate minerals dissolving into groundwater through chemical weathering is a viable mechanism.

- Lithium was also detected frequently in unimpacted landfill wells GWA-28, GWA-29, GWC-27, GWC-31, and GWC-32 at the Plant Wansley on-Site Landfill

that are screened in lithologies similar to WGWC-19, further indicating that lithium naturally occurs in background groundwater at the Site.

2.3 Summary of 2021 ASD Addendum

In 2021, an ASD Addendum was prepared to address SSLs of lithium in groundwater at WGWC-19 (Geosyntec, 2021). This ASD is provided as **Appendix B**.

The 2021 ASD Addendum provides supplemental groundwater and rock sample laboratory analytical data collected subsequent to the submittal of the 2018 ASD. The supplemental data presented in the 2021 ASD Addendum that supports the conclusions of the 2018 ASD include:

- Results from an evaluation of Appendix III constituents using groundwater data through 2020 indicated boron at WGWC-19 remained either non-detectable or detected at low concentrations consistent with background conditions, further supporting an alternate source for lithium in groundwater at this location.

- Additional rock core samples from and in the vicinity of locations with lithium SSLs were analyzed for total lithium concentrations. The results indicated elevated lithium levels in samples associated with Schist rock types (53 mg/kg to 130 mg/kg), exceeding those observed in other rock type samples (17 to 43 mg/kg). These findings support the natural variability of lithium in different rock units as outlined in the 2018 ASD.

- Laboratory analyses using sequential extraction procedures (SEP) for rock core samples corresponding to or in the vicinity of WGWC-19 indicated lithium is primarily stored within residual fractions that will liberate lithium through mineral weathering. Saprolite and PWR derived through the weathering of the parent bedrock contain similar minerals and/or constituents as the parent bedrock. During the weathering process and as groundwater flows through saprolite, PWR, and bedrock fractures, the minerals/constituents can be liberated and partially dissolve into groundwater.

- Theoretically calculated groundwater concentrations of lithium using a conservative literature-derived distribution coefficient (K_d) of 300 liters per kilogram (L/kg) are generally three to four times higher than observed lithium concentrations, indicating elevated lithium concentration in groundwater originating from weathering of the natural formation is a viable mechanism.

3. ALTERNATE SOURCE DEMONSTRATION – WGWC-19

Review of recently collected Site information supports the conclusion that the lithium SSL at WGWC-19 is not related to a release from AP-1 but is instead caused by naturally occurring lithium present in bedrock units underlying AP-1. The following sections present information supporting this conclusion.

3.1 Distinct Chemistry at WGWC-19 Compared to Porewater

The results of detection monitoring at WGWC-19 indicate that WGWC-19 is not affected by AP-1. Boron has not been detected above the method detection limit (0.022-0.060 mg/L) in WGWC-19 from 2020 through 2026, whereas boron concentrations detected in the shallow (PZA-2S) and middle (PZA-2M) interstitial wells were 21 and 49 mg/L, respectively, in February 2023. As noted in Section 2.2, boron is commonly used as a tracer to indicate CCR impacts to groundwater. The lack of boron detection suggests no potential CCR influence on groundwater in this area.

The chemistry of WGWC-19 chemistry is shown on the Star diagram in **Figure 2**. Star diagrams are widely used to illustrate the concentration of major cations and anions in a manner that characterizes the chemical fingerprint of the sampled water (Kumar et al. 2022). As shown in **Figure 2**, the chemical signature of WGWC-19 differs from the interstitial well PZA-2M and downgradient well WGWC-24, which is presumed to be historically influenced by AP-1 based on its calcium-sulfate water type. The interstitial well has significantly higher concentrations of sulfate, calcium, and chloride, whereas groundwater composition at WGWC-19 is similar to background monitoring wells, with a greater contribution of alkalinity to its anion composition. The distinctly different ionic composition at WGWC-19 relative to porewater and WGWC-24 provides further evidence that WGWC-19 groundwater is not affected by AP-1.

3.2 Naturally Occurring Lithium in WGWC-19 Rock Samples

As part of the 2018 ASD demonstration, twelve rock core samples from AP-1 were selected from a range of lithologies for laboratory analyses of total metals (**Figure 3**). As summarized in **Table 1**, lithium concentrations were higher in samples of the schist-

amphibolite unit from locations PB-8 and PB-9 (**Figure 1**), and the button schist unit[1] from WGWC-19 at AP-1 compared to other Site lithologies (ACC, 2019b).

The 2021 ASD Addendum provided supplemental data on total lithium from additional WGWC-19 rock cores. Total lithium data from the two WGWC-19 rock core samples indicated substantial concentrations of naturally occurring lithium (70 to 86 mg/kg), consistent with the 2018 ASD findings.

In support of the current ASD Addendum, additional laboratory analyses were conducted on rock cores from WAMW-1 between 84 and 89 feet below ground surface (ft bgs). This sample was selected due to the absence of available WGWC-19 rock cores, for its close proximity to WGWC-19, and the sampled depth interval is representative of the same lithology and screen interval (84 – 94 ft bgs) as WGWC-19. Therefore, while groundwater conditions at WAMW-1 are not reflective of WCWC-19, the submitted rock core sample is expected to reflect bedrock conditions at the well of interest. The WAMW-1 samples from this interval were initially collected during well installation and were retrieved from storage at Southern Company Civil Field Services' Logan Martin facility for these analyses.

Total metals were analyzed on the WAMW-1 sample. As shown in **Table 1**, total lithium in the WAMW-1 samples was detected at 41 mg/kg, which exceeds the earth's crustal average of 20 mg/kg (Taylor, 1964) but is lower than lithium in WGWC-19 rock cores at the similar depth interval measured previously (up to 97 mg/kg; **Table 1**). The iron and manganese concentrations were detected at 37,000 mg/kg and 660 mg/kg, respectively, suggesting natural abundance of iron- and manganese-bearing mineral phases in the schist bedrock observed in the WGWC-19 area.

The same WAMW-1 rock core sample was also analyzed by microscopic techniques to identify specific mineral phases that can serve as a source of lithium to groundwater. XRD, which identifies the crystalline mineral phases in a sample and provides semi-quantitative estimates of their relative abundances, indicated chlorite, biotite, and actinolite (an amphibole containing iron and magnesium) comprise 23% of the total

[1] The 2018 ASD identified rock core samples collected at WGWC-19 between depths of 77 and 92 feet below ground surface (ft bgs) as representative of the schist-amphibolite bedrock unit. Review of the *Geologic and Hydrogeologic Report* (Golder, 2018) and the boring logs for WGWC-19, WAMW-1, and WAMW-2, indicates the core samples consisted of graywacke (samples collected between 77 and 86 ft bgs) and micaceous schist (samples collected between 88 and 92 ft bgs). The rock core descriptions and location of WGWC-19 are consistent with the button schist lithologic bedrock unit described in the *Geologic and Hydrogeologic Report* (Golder, 2018).

mineral content in the WAMW-1 sample (**Table 2**). Biotite is a mica group mineral, which are often considered carriers of lithium. The lithium carried in biotite is highly mobile and tends to weather out of the mica and either be carried away in solution or remain to be incorporated into structure of newly formed clay minerals (Starkey, 1982).

The presence of these lithium-bearing minerals was further supported via QEMSCAN, which characterizes mineral types present and the grain size of those specific mineral particles. The QEMSCAN results were generally consistent with the XRD data, with chlorite/clays, biotite, and a broader amphibole/pyroxene category identified (**Table 3**). The chlorite and biotite are relatively fine grained compared to the overall sample, which means they have greater surface area for groundwater–rock interaction and mineral weathering.

To further understand lithium distribution in different mineral fractions, EMPA and LA-ICP-MS analysis were performed to assess the elemental composition of specific mineral phases.[2] The analyses were completed on a rock core sample retrieved from 279 to 289 ft bgs during the installation of piezometer PZ-33D, where the highest solid phase lithium concentration was observed (120 mg/kg; **Table 1**). While not screened at a depth comparable to WGWC-19, this sample was selected in an effort to ensure results above the detection limits of these analyses. While the predominant rock type differed between PZ-33D (muscovite schist/amphibolite gneiss) and the WAMW-1 sample representative of WGWC-19 (micaceous schist), the XRD indicates that both locations contain minerals with high iron and magnesium content, including biotite and chlorite as shown in **Table 2**.

The EMPA and LA-ICP-MS results presented in **Table 4** indicate that lithium concentration ranges from 155 to 736 parts per million across different minerals. Elevated lithium concentrations are characterized by a strong correlation to minerals containing higher iron and magnesium content, such as biotite, mixed biotite, and chlorite, consistent with data from previous studies on the geochemical association of high lithium content in groundwater with iron and magnesium rich minerals in host rocks (Jancsek et al., 2023). As discussed above, biotite and chlorite were identified in the vicinity of WGWC-19 via XRD, and EMPA and LA-ICP-MS analysis confirmed biotite and chlorite as the primary hosts of naturally occurring lithium which can then be released to groundwater

[2] EMPA identifies the elements in a specific area of a sample by detecting the unique X-rays each element gives off when hit by an electron beam and LA-ICP-MS measures trace elements by using a laser to remove a small amount of material and analyzing the resulting aerosol particles with a plasma mass spectrometer (Koch and Günther, 2017; Llovet et al., 2021).

via weathering and release processes. The direct measurement of lithium in these mineral phases may reflect the composition of the local metamorphic bedrock and/or lithium incorporation during hydrothermal alteration, potentially associated with local faulting or shearing.

The characterization of aquifer solids in the vicinity of and at similar depths as the screened interval of WGWC-19 suggests that elevated lithium concentration at this location is due to the distinct mineral composition of the bedrock lithology rather than CCR impacts to groundwater. Laboratory analytical reports for total metals, QEMSCAN, EMPA and LA-ICP-MS, and XRD analyses are provided in **Appendix C.**

3.3 Stable Isotopic Analysis in WGWC-19

Isotope fingerprinting was used as another line of evidence to differentiate CCR-related groundwater impacts from naturally occurring background groundwater. The results for strontium and lithium isotope analyses are presented below. Samples for isotope analysis were collected from WGWC-19, interstitial well PZA-2M, and background groundwater locations GWA-28 and GWA-29. The landfill background locations were selected based on their similar lithology to downgradient conditions given the identified influence of the bedrock composition on lithium concentrations in groundwater (Section 3.2).

3.3.1 Strontium Isotope Evaluation

Strontium isotopic ratios ($^{87}Sr/^{86}Sr$) are a sensitive tracer for continental weathering (Zhang et al. 2025; Chao et al., 2015; Wei et al., 2013; de Souza et al., 2010; Shand et al., 2007; McNutt, 1999) and have been used to identify groundwater sources including CCR-impacted porewater and native lithology. Because no measurable fractionation occurs in the geological process for Sr isotopes (e.g., rock-water interaction), the isotopic signature of naturally occurring strontium in groundwater is largely governed by the bulk Sr composition of the mineral phases within aquifer material (McNutt, 1999). Therefore, the variation in strontium isotopic composition is entirely caused by the mixing of different strontium sources with distinct signatures (Bain and Bacon, 1994). The previously reported Sr isotopic ratio for CCR leachates and natural aquifer materials from literature are shown on the inset graph in **Figure 4**.

The site-specific results for Sr isotopic analysis for WGWC-19, CCR porewater, and background locations are shown in **Table 5** and on the inset graph in **Figure 4**. The Sr

isotopic signature and total Sr concentration in WGWC-19 were distinct from site-specific porewater samples and those previously reported for CCR and (Ruhl et al., 2014). Instead, the isotopic ratio for WGWC-19 was comparable to background locations and those previously reported for naturally occurring sources of Sr in groundwater (Hurst et al., 1991).

Potential contributions from interstitial wells were analyzed through the construction of an $^{87}Sr/^{86}Sr$ strontium mixing model. The isotopic signature is represented by standardized values of the strontium ratio of the samples normalized to seawater against the concentration of total Sr in the samples. The model mixed the isotopic contributions and total Sr contributions of the CCR end member (PZA-2M) with a background groundwater endmember (GWA-29). If porewater were mixing with downgradient groundwater, the WGWC-19 isotopic signature would shift towards the CCR impacted porewater endmember along a concentration dependent mixing line, as shown on **Figure 4**. The reported WGWC-19 isotopic ratio and total Sr results plot match the mixing line close to the background values (unimpacted monitoring wells) (**Figure 4**). This supports the conclusion that WGWC-19 was not impacted by CCR porewater sources.

3.3.2 Lithium Isotope Evaluation

Lithium isotope (δ^7Li) analysis was also used to evaluate potential sources of lithium and the geochemical processes leading to release to groundwater (Wanner et al., 2017). As described in Section 3.2, there were elevated lithium concentrations up to 97 mg/kg in bedrock in the vicinity of WGWC-19, exceeding the average concentration in the earth's crust (20-40 mg/kg).

Literature-derived CCR-related and natural aquifer lithium isotopic values are shown on inset graph in **Figure 5** As shown on the graph, the CCR-related isotopic signatures are more depleted than the more positive range of lithium isotopic ratios for groundwater samples. Previous studies have reported significant isotopic fractionation during coal combustion resulting in the depletion of heavy Li isotopes (i.e., ^7Li) and corresponding lower Li isotopic signatures for CCR and CCR-impacted materials (Chen et al., 2025; Zhang et al., 2019; Cabato et al., 2013; Vlastélic et al., 2011; Chen et al., 2007).

The results for Li isotopic analysis for WGWC-19, CCR porewater, and background locations are shown on **Figure 5 and Table 5**. Lithium concentrations in WGWC-19 (0.055 mg/L) are relatively higher than those observed at background locations (0.021–

0.043 mg/L) and are more than two times lower than porewater sample (**Table 5**). The lithium signature for porewater (PZA-2M) was +6.3‰ ± 0.6, which is within the range previously reported for CCR-impacted material. In comparison, the lithium signature from WGWC-19 was more positive (+8.2‰ ± 0.7) and distinct from porewater, consistent with a signature of naturally occurring lithium derived from bedrock interaction processes. In combination with the insignificant CCR porewater impact indicated by the strontium isotope mixing evaluation[3], the distinct lithium isotopic signature provides additional evidence that the lithium at WGWC-19 is not from AP-1 and instead is attributable to naturally occurring lithium in the bedrock.

3.4 Conclusions - Geochemical Composition Analysis of WGWC-19

Based on the information presented in the 2018 ASD, the 2021 ASD Addendum, and this 2026 ASD Addendum, the lithium SSL in WGWC-19 reported since 2018 is not attributed to a release from AP-1. The following lines of evidence demonstrate that the SSL is likely the result of natural variation in groundwater quality associated with naturally occurring lithium in bedrock units southeast and south of the Site and not a release from AP-1:

- The Distinct Ionic Composition of WGWC-19
  - The lack of boron detections at WGWC-19 indicates no CCR impact at this location.
  - WGWC-19 has a similar composition to upgradient wells and a distinctly different composition from AP-1 porewater and WGWC-24, which is presumed to be influenced by AP-1.
- Naturally Occurring Lithium in Rock Core Samples:
  - Elevated lithium concentrations were observed in rock core samples from WGWC-19 (up to 97 mg/kg) and a sample from associated vertical assessment well WAMW-1 location (41 mg/kg) representative of the same lithology and

[3] The Li isotope results from the background locations were inconsistent with expected naturally occurring groundwater endmember. This may reflect additional site-specific geochemical controls, such as long-term water–rock interaction with specific source materials (i.e. biotite, muscovite, chlorite), secondary phase formation processes (Li and Liu, 2020), or depleted source rock materials. As a result, the background signature was not a reliable groundwater endmember for the development of a robust isotopic mixing model.

screened interval as WGWC-19. This indicates a significant source of lithium, above average crustal abundance (20 mg/kg), in the subsurface formations.

- Mineral and microanalytical characterization of the WAMW-1 rock core sample identified the presence of chlorite and biotite. These minerals are natural sources of available lithium and are present at smaller grain sizes which provides greater surface area for groundwater–rock interaction and mineral weathering. Microanalysis of PZ-33D core confirmed biotite and chlorite as the primary hosts of naturally occurring lithium, with lithium directly measured within these phases at concentrations up to 674 mg/kg.

- Stable Isotopic Analysis in WGWC-19:
  - Stable isotope analysis using strontium and lithium from 2025 data shows a distinct isotopic signature of WGWC-19 from the interstitial well (PZA-2M), suggesting the absence of influence of CCR at this location and a naturally occurring source of lithium.

4. ALTERNATE SOURCE DEMONSTRATION – WGWC-21

Review of recently collected Site information supports the conclusion that the lithium SSL at WGWC-21 is not related to a release from AP-1 but is instead caused by naturally occurring lithium present in bedrock units underlying AP-1. The following sections present information supporting this conclusion.

4.1 Distinct Well Signature in WGWC-21 Relative to Porewater

The groundwater at WGWC-21 has low boron concentrations and a distinctly different ionic composition from porewater, indicating that WGWC-21 is not affected by AP-1. The boron concentration in WGWC-21 in February 2025 was 0.12 mg/L, which is comparable to Site background boron concentration (ACC, 2026) and is at least two orders of magnitude lower than porewater samples (21 - 49 mg/L). If AP-1 were affecting groundwater at WGWC-21, elevated concentrations of boron would be expected.

Additionally, a Star diagram, which illustrates the concentrations of major anions and cations, demonstrated that groundwater at WGWC-21 has a significantly different ionic composition than the porewater samples (**Figure 6**). WGWC-21 was characterized by elevated sodium and bicarbonate concentrations, whereas the porewater samples exhibited elevated sulfate and calcium concentrations. The distinct ionic composition observed in WGWC-21 provides further evidence that WGWC-21 groundwater is not affected by AP-1.

4.2 Naturally Occurring Lithium - WGWC-21 Rock Samples

In support of the current ASD Addendum, additional laboratory analyses were conducted on rock cores from WGWC-21 between 58 and 69 ft bgs in 2022 and 2024, which overlaps with the well screened interval of 61.3 to 71.3 ft bgs within the gneiss bedrock unit.

Table 1 summarizes the total metals concentrations in core soil samples collected from WGWC-21. Total lithium concentrations in the WGWC-21 samples ranged from 30 to 40 mg/kg, exceeding the average lithium concentration in the Earth's crust of approximately 20 mg/kg (Taylor, 1964).

The WGWC-21 rock core sample was also analyzed by XRD and QEMSCAN, with results summarized in **Table2** and **Table 3**, respectively. The WGWC-21 sample was

dominated by quartz, albite, and microcline, with albite and microcline representing feldspar-group aluminosilicate minerals. Phyllosilicate minerals, including muscovite, chlorite, and biotite, were also identified in the WGWC-21 rock core sample. These mica and chlorite phases are mineral phases known to host or retain lithium. QEMSCAN results were generally consistent with the XRD data and indicated that biotite and chlorite were present in the rock sample and were relatively fine-grained. The fine-grained nature of these minerals (biotite, chlorite and muscovite) provides increased specific surface area for groundwater–rock interaction, mineral weathering, and potential lithium release from naturally occurring aluminosilicate phases.

The mineral-specific lithium data from EMPA and LA-ICP-MS (see Section 3.2 for details) summarized in **Table 4** shows that muscovite, biotite, mixed biotite, and chlorite in the PZ-33D rock core sample contained lithium concentrations ranging from approximately 155 to 736 ppm. The geologic map (**Figure 2**) shows that WGWC-21 and PZ-33D are located within nearby metamorphic bedrock units along the same local lithologic and structural trend. Therefore, the PZ-33D data provides site-specific supporting evidence that naturally occurring mica and chlorite minerals in the local bedrock are hosting lithium. These minerals, including muscovite, biotite, and chloride, were identified in WGWC-21 bedrock (**Table 2** and **Table 3**).

The characterization of aquifer solids in the vicinity of WGWC-21 within a similar depth as screened interval of WGWC-21 suggests that elevated lithium concentration at this location is likely due to the distinct mineral composition of the bedrock lithology rather than CCR impacts to groundwater. Laboratory analytical reports for total metals, QEMSCAN, EMPA and LA-ICP-MS, and XRD analyses are provided in **Appendix C.**

4.3 Stable Isotope Analysis in WGWC-21

Similar to WGWC-19 and as described in Section 3.5, isotope fingerprinting was used as an additional line of evidence to differentiate between potential CCR-related groundwater impacts from naturally occurring sources of lithium in the vicinity of WGWC-21.

4.3.1 Strontium Isotope Evaluation

The results for Sr isotopic analysis for WGWC-21, CCR porewater, and background locations, are shown on **Figure 7** and in **Table 5**. The Sr isotopic signature in WGWC-21 was distinct from site-specific porewater sample and those previously reported in

literature for CCR and is comparable to those previously reported for naturally occurring sources of Sr in groundwater (**Figure 7**). Similar to WGWC-19, a two-endmember mixing model using CCR porewater and background groundwater was developed for WGWC-21. The mixing model indicated only a limited potential contribution from CCR porewater to groundwater at WGWC-21. This is consistent with the findings of Section 4.1 that the groundwater composition of WGWC-21 is distinct from AP-1 porewater and therefore the source of lithium in groundwater is not AP-1.

4.3.2 Lithium Isotope Evaluation

The results for Li isotopic analysis for WGWC-21, CCR porewater, and background locations, are shown on **Figure 8**, and summarized in **Table 5**. The lithium signature for porewater was +6.3‰ which is within the range previously reported for CCR-impacted material (Harkness et al., 2015). In comparison, the lithium signature for WGWC-21 was significantly more positive (+14.6‰ ± 0.6), and distinct from porewater (+6.3‰ ± 0.6), and was consistent with a signature of naturally occurring lithium derived from rock-groundwater interactions (inset graph in **Figure 8**). The distinct lithium isotopic signature provides additional evidence that lithium detected in groundwater at WGWC-21 is not derived from CCR porewater and instead is attributable to naturally occurring lithium in the bedrock.

4.4 Conclusions - Geochemical Composition Analysis of WGWC-21

Based on the information presented in this 2026 ASD Addendum, the lithium SSL in WGWC-21 reported since 2025 is not attributed to a release from AP-1 at the Site. The following lines of evidence demonstrate that the SSL is likely the result of natural variation in groundwater quality associated with naturally occurring lithium in bedrock units southeast and south of the Site and not a release from AP-1:

- Low Concentrations of Boron and Distinct Ionic Composition
    - The low concentrations of boron at WGWC-21, which is comparable to Site background, indicates no CCR impact at this location.
    - WGWC-21 has a distinctly different composition from AP-1 porewater and a relatively more similar composition to upgradient wells.

- Naturally Occurring Lithium in Rock Core Samples:
  - Elevated lithium concentrations were observed in rock core samples from WGWC-21 (30 to 40 mg/kg). This indicates a significant source of lithium, above average crustal abundance (20 mg/kg), in the subsurface formations.
  - Mineralogical and microanalytical characterization of rock core near WGWC-21 identified the presence of identified mica and chlorite phases, including muscovite, biotite, and chlorite. These minerals are natural sources of lithium and are present at smaller grain sizes which provides greater surface area for groundwater-rock interaction and mineral weathering. Microanalysis of nearby PZ-33D core, identified muscovite, biotite, mixed biotite, and chlorite as the primary host of naturally occurring lithium, with lithium directly measured within these phases at concentrations ranging from 155 to 735 mg/kg.
- Distinct Isotopic Signatures than Pore Water
  - Stable isotope analysis using strontium and lithium from 2025 data shows a distinct isotopic signature of WGWC-21 from the interstitial well (PZA-2M), suggesting the absence of influence of CCR at this location and a naturally occurring source of Li.

5. UPDATED SITE-WIDE LITHIUM GWPS

Based on the information provided in this ASD, the current background groundwater monitoring locations do not accurately capture the influence of the bedrock lithology on groundwater across the Site and how that results in a range of groundwater lithium concentrations. As discussed in Section 1.2, the current GWPS is based on the CCR-rule provided value of 0.040 mg/L, as it is higher than the previous site-specific background value of 0.020 mg/L.

The background value for lithium at the site (0.020 mg/L) is based on the calculated upper tolerance limit of the pooled lithium concentrations for the upgradient wells in the certified network (WGWA-1 through WGWA-7, WGWA-18), which are screened in the muscovite schist, garnet schist, and schist-amphibolite formations. Given that WGWC-19 is screened within the sheared button schist and WGWC-21 is screened within gneiss, the current upgradient wells for AP-1 are screened within different bedrock units than the downgradient wells of interest and are not representative of conditions within the downgradient formations. This is reflected in the higher lithium concentrations (up to 0.044 mg/L) that are observed in the Landfill wells that are screened in same lithology as the wells of interest, compared to current AP-1 background wells that have lower reported lithium concentrations. § 257.91(a)(1)(ii) permits that the determination of background groundwater quality may include sampling of wells that are not hydraulically upgradient of the CCR unit if they are as or more representative than the quality of data provided by upgradient wells. A specific example provided in the Federal Register for the CCR Rule of when determining background groundwater quality by sampling wells that are not hydraulically upgradient would be appropriate is when 'geologic units present at downgradient locations are absent at upgradient locations' (USEPA, 2015).

The use of background data from wells that are not hydraulically upgradient but are screened within more similar lithologies aligns with the end use of the groundwater data, which is to establish a background value that is based on "*appropriate* and *representative* background measurements" (Section 5.1; USEPA, 2009). The *Unified Guidance*, which is provided as a resource in the Federal Register for selecting statistical methods for CCR compliance (USEPA, 2015) notes that comparisons made between upgradient-to-downgradient wells assume that the concentration distribution is spatially stationary across the well field (Section 5.2.4; USEPA, 2009). The arguments provided in this ASD show that the lithium distribution is not spatially stationary and instead is highly influenced by the bedrock matrix from which the groundwater is collected.

Based on these findings, alternative background values for lithium were calculated using the pooled dataset from the current background locations (WGWA-1 through WGWA-7 and WGWA-18) with the addition of both WGWC-19, and WGWC-21 and then with the addition of either WGWC-19 or WGWC-21 alone (**Table 6**). These alternative GWPS were calculated using the current background wells, which are hydraulically upgradient, and the lithium concentrations at WGWC-19 and WGWC-21, which are known not to have been influenced by AP-1 based on the findings of this ASD addendum and the previous submittals. The statistical calculations for these alternative background values are provided in **Appendix D**.

The *Unified Guidance* notes that although spatial variability impacts the choice of background, it does so only for those constituents which evidence spatial differences across the well field. Therefore, only an alternative background value for lithium was calculated, as the spatial differences in other analytes were not assessed in this evaluation. Pending EPD review and approval, Georgia Power proposes the alternative background value of 0.087 mg/L be used as the site-specific GWPS for future statistical evaluations, as it is higher than the CCR Rule-specified value.

6. CONCLUSIONS

This ASD Addendum provides evidence that the source of lithium in groundwater at WGWC-19 and WGWC-21 was naturally derived from bedrock units and did not originate from AP-1. This ASD is limited to addressing alternative sources at WGWC-19 and WGWC-21 and does not address all site-wide lithium exceedances. Therefore, Plant Wansley AP-1 will remain in assessment of corrective measures (ACM) phase for other compliance monitoring locations where lithium SSLs have been identified.

Pending GA EPD approval, Georgia Power proposes that lithium analytical results from compliance wells will be compared to the revised GWPS of 0.087 mg/L during future events. This revised GWPS was calculated using a pooled background dataset from WGWA-1 through WGWA-7, WGWA-18, WGWC-19, and WGWC-21. Assessment monitoring results for all compliance monitoring locations will continue to be presented in Annual and Semiannual Groundwater Monitoring and Corrective Action Reports.

A copy of the ASD Addendum will be provided as an appendix to the 2026 Semiannual Groundwater Monitoring and Corrective Action Report due to GA EPD in August 2026.

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TABLES

Table 1
Summary of Total Metals Concentrations
Georgia Power Company
Plant Wansley - Ash Pond 1
Heard and Carroll Counties, GA

Location ID	Sample Depth	Sample Date	Rock Type	Aluminum	Iron	Lithium	Manganese
				mg/kg	mg/kg	mg/kg	mg/kg
WGWC-13	90 to 91 ft BGS	5/3/2018	Quartzite	75640	9980	30	140
WGWC-15	33 to 34 ft BGS	5/3/2018	Schist/gneiss	106830	57080	< 30	1110
WGWC-15	47 to 48 ft BGS	5/3/2018	Mafic gneiss	80580	45840	< 30	840
PB-3	56 to 57 ft BGS	5/3/2018	Gneiss	57950	8250	< 30	440
PB-4	49 to 50 ft BGS	5/3/2018	Gneiss	67950	4910	< 30	170
PB-8	123 to 124 ft BGS	5/3/2018	Schist	77100	41985	116	5030
PB-9	65 to 66 ft BGS	5/3/2018	Schist	90300	51843	63	5240
WGWC-19	77 to 78 ft BGS	12/20/2018	Schist-Amphibolite	--	--	54.4	--
WGWC-19	82 to 83 ft BGS	12/20/2018	Schist-Amphibolite	--	--	60.3	--
WGWC-19	85 to 86 ft BGS	12/20/2018	Schist-Amphibolite	--	--	39.4	--
WGWC-19	88 to 89 ft BGS	12/20/2018	Schist-Amphibolite	--	--	97	--
WGWC-19	91 to 92 ft BGS	12/20/2018	Schist	--	--	80	--
WGWC-19	87 to 88 ft BGS	9/3/2020	Schist	--	--	86	--
WGWC-19	89 to 90 ft BGS	9/3/2020	Schist	--	--	70	--
WAMW-1	84 to 89 ft BGS	12/19/2024	Schist	50000	37000	41	660
PZ-33D	279 to 289 ft BGS	6/29/2024	muscovite schist /amphibolite gneiss	55000	36000	120	770
WGWC-21	60 to 68 ft BGS	10/4/2022	Gneiss	68000	10000	30	340
WGWC-21	58.68 to 68.68 BGS	12/19/2024	Gneiss	61000	9700	40	324

Notes:
-- = Indicates the parameter was not analyzed
< = Indicates the parameter was not detected above the analytical method detection limit (MDL).
mg/kg = milligrams per kilogram
ft BGS = feet below ground surface
(1) Data summarized from 2018 Alternate Source Demonstration (ASD) (Geosyntec, 2018) and 2021 ASD Addendum (Geosyntec, 2021), except for WAMW-1, PZ-33D and WGWC-21.

Table 2
Summary of X-Ray Diffraction Analysis
Georgia Power Company
Plant Wansley - Ash Pond 1
Heard and Carroll Counties, GA

	Location ID	WAMW-1	PZ-33D	PZ-33D	WGWC-21	Units
	Sample Depth	84 to 89 ft BGS	279 to 289 ft BGS	279 to 289 ft BGS	58.68 to 68.68	
	Sample Date	12/19/2024	6/29/2024	9/6/2024	12/19/2024	
Mineral/Compound						
Quartz	SiO_2	26.2	46.1	45.6	36.6	%
Albite	$NaAlSi_2O_8$	47.8	18.3	26.9	30.0	%
Microcline	$KAlSi_3O_8$	1.8	5.2	2.8	30.1	%
Muscovite	$KAl_2(Si_3AlO_{10})(OH)_2$	-	15.9	11.7	2.4	%
Rutile	TiO_2	-	0.4	-	-	%
Chlorite	$(Fe,(Mg,Mn)_5,Al)(Si_3Al)O_{10}(OH)_8$	5.7	10.6	7.3	0.7	%
Biotite	$K(Mg,Fe)_3(AlSi_3O_{10})(OH)_2$	1.9	1.3	5.7	0.3	%
Anhydrite	$CaSO_4$	-	0.01	-	-	%
Almandine	$Fe_3Al_2Si_3O_{12}$	-	2.2	-	-	%
Diopside	$CaMgSi_2O_6$	1.5	-	-	-	%
Ankerite	$CaFe(CO_3)_2$	0.1	-	-	-	%
Actinolite	$Ca_2(Mg,Fe)_5Si_8O_{22}(OH)_2$	15.2	-	-	-	%
Sum		100.2	100.0	100.0	100.1	wt. %

Notes:
- = Indicates the mineral or metal was not identified
ft BGS = feet below ground surface
wt. % = weight percent

Table 3
Summary of Quantitative Evaluation of Materials by Scanning Electron Microscopy (QEMSCAN)
Georgia Power Company
Plant Wansley - Ash Pond 1
Heard and Carroll Counties, GA

Location ID	WAMW-1		WGWC-21	
Sample Depth	84 to 89 ft BGS		58.68 to 68.68 ft BGS	
Sample Date	12/19/2024			
Mass Size Distribution	-300/+3 um			
Calculated ESD Particle Size	32		31	
	Mineral Mass	Mean Grain Size	Mineral Mass	Mean Grain Size
	%	µm	%	µm
Chalcopyrite	0.02	18	0.00	8
Pyrite/Marcasite	0.22	23	0.01	12
Other Sulphides	0.01	10	0.00	10
Fe-Oxides	0.45	13	0.56	13
Ilmenite	0.16	16	0.01	9
Other Oxides	0.79	10	0.58	12
Quartz	32.93	20	47.71	23
Chlorite/Clays	9.46	12	4.35	11
Sericite/Muscovite	1.80	9	6.17	10
Biotite	0.46	10	0.10	11
Plagioclase	32.31	22	17.24	17
K-Feldspar	4.63	16	22.33	26
Amphibole/Pyroxene	14.33	19	0.12	10
Epidote	1.34	14	0.07	15
Titanite/Sphene	0.41	12	0.20	11
Almandine	0.15	8	0.07	9
Other Silicates	0.11	8	0.05	19
Calcite	0.15	18	0.13	15
Ankerite	0.01	8	0.00	8
Dolomite	0.00	8	0.00	8
Apatite	0.13	19	0.11	34
Other	0.12	10	0.18	13
Total	100.00	--	100.00	--

Notes:

Fe = Iron.

K = Potassium

ft BGS = feet below ground surface

QEMSCAN = Quantitative Evaluation of Materials by Scanning Electron Microscopy

ESD = equivalent spherical diameter

µm = micrometer

Table 4

Summary of Lithium Distribution in Minerals
Georgia Power Company
Plant Wansley - Ash Pond 1
Heard and Carroll Counties, GA

Mineral	SiO_2 (%)	Al_2O_3 (%)	K_2O (%)	FeO (%)	MgO (%)	Li (ppm)
Muscovite	45.55	32.63	10.27	3.46	1.11	154.89
Biotite	35.49	17.28	9.6	19.57	9.8	628.79
Biotite Mixed	31.64	16.14	4.66	21.83	12.5	735.78
Chlorite	27.94	17.47	0.44	25.49	14.21	673.91

Notes:

SiO_2 = Silicon dioxide

Al_2O_3 = Aluminum oxide

K_2O = Potassium oxide

FeO = Iron oxide

MgO = Magnesium oxide

Li = Lithium

ppm = Parts per million

(1) Sample collected from 279 to 289 feet below ground surface during the installation of PZ-33D.

(2) All results are reported in percentage of total sample mass, except for lithium, which is reported in ppm of total sample mass.

Table 5
Summary of Lithium and Strontium Isotope Analysis
Georgia Power Company
Plant Wansley - Ash Pond 1
Heard and Carroll Counties, GA

Sample	Location	Strontium			Lithium		
		Strontium (µg/L)	$^{87}Sr/^{86}Sr$	2SD	Lithium (µg/L)	δ^7Li (‰)	2SD (‰)
WGWC-19	Downgradient	37	0.723334	0.000068	55	8.20	0.7
WGWC-21	Downgradient	380	0.713520	0.000021	69	14.60	0.6
PZA-2Mid	Porewater	2700	0.710835	0.000011	130	6.30	0.6
GWA-28	Background	7.2	0.744890	0.000067	21	-1.00	0.7
GWA-29	Background	7.6	0.748124	0.000064	43	-1.00	0.8

Notes:
µg/L = micrograms per liter
SD = Standard Deviation
‰ = per mil (parts per thousand)

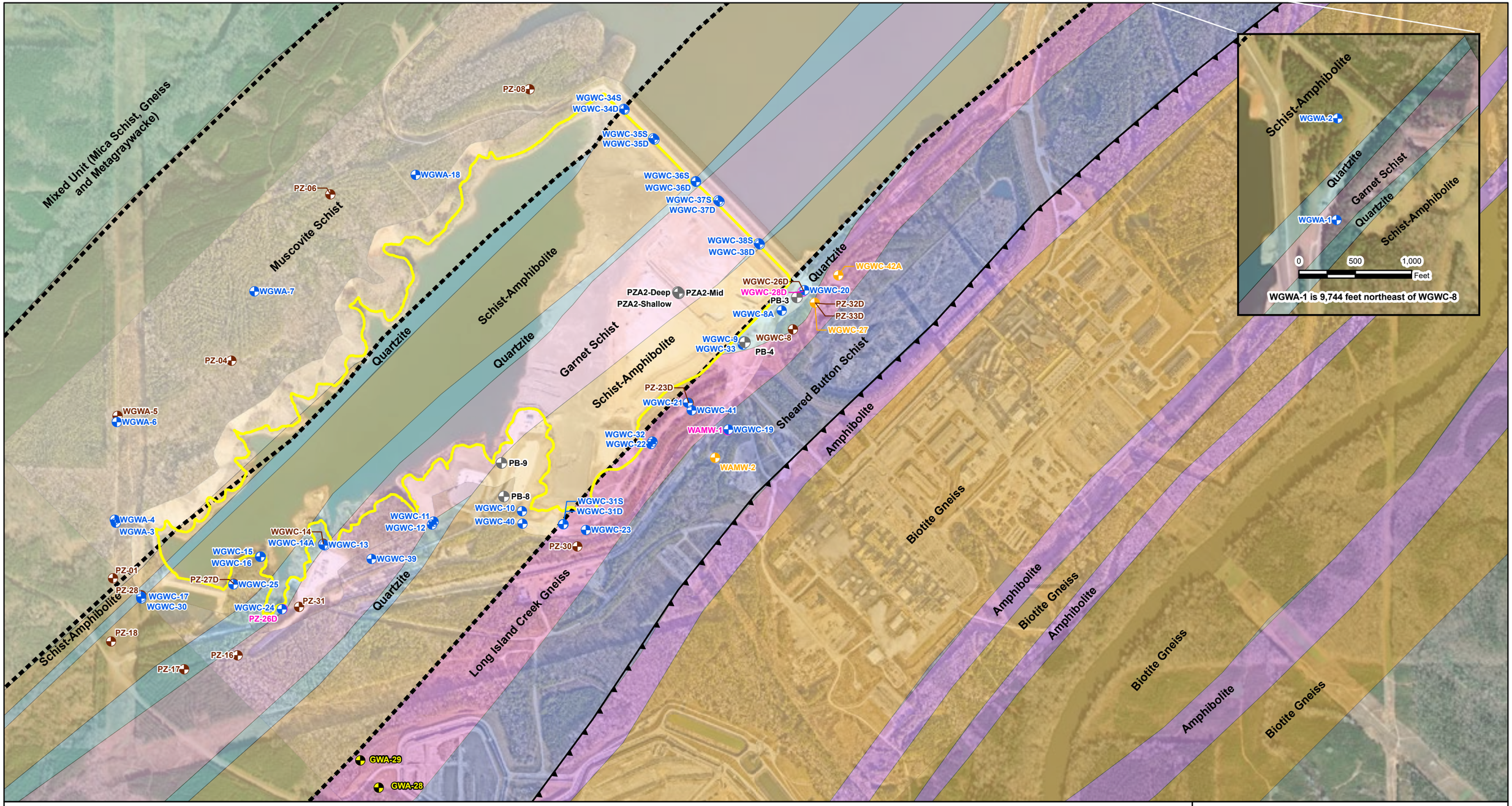
$$\delta^7Li\ (‰) = \left(\frac{^7Li/^6Li_{sample}}{^7Li/^6Li_{standard}} - 1\right) \times 1000$$

Table 6
Calculated Alternative Lithium GWPS Values
Georgia Power Company
Plant Wansley - Ash Pond 1
Heard and Carroll Counties, GA

Background Well Set	Calculated GWPS (mg/L)
WGWA-1 through WGWA-7, WGWA-18 (Current Background)	0.040
Current Background + WGWC-19	0.072
Current Background + WGWC-21	0.087
Current Background + WGWC-19 + WGWC-21	0.087

Notes:
GWPS = groundwater protection standard
mg/L = milligrams per liter
The reported lithium concentration of 0.11 mg/L at WGWC-21 on 8/19/25 was identified as an outlier and excluded from the GWPS calculations.
For the current background, the calculated upper tolerance limit (UTL) is lower than the rule-specified value of 0.040 mg/L. Therefore, the rule-specified value is used for the calculated GWPS.

FIGURES



Legend

- Detection Monitoring Well
- Horizontal Assessment Monitoring Well
- Vertical Assessment Monitoring Well
- Piezometer
- Abandoned Interstitial Wells/Boring
- Landfill Background Well
- Approximate AP-1 Boundary
- Strike-Slip Fault
- Thrust Fault
- Amphibolite
- Biotite Gneiss
- Garnet Schist
- Long Island Creek Gneiss
- Mixed Unit (Mica Schist, Gneiss and Metagraywacke)
- Muscovite Schist
- Quartzite
- Schist-Amphibolite
- Sheared Button Schist

Note:
1. Service Layer Credit Sources:
- Immediate vicinity of AP-1: SAM LLC, December 3, 2025.
- Surrounding area: SAM LLC, January 30, 2024, and Source: ESRI_World_Imagery: Source: Esri, Vantor, Earthstar Geographics, and the GIS User Community

N

0 1,000 2,000 Feet

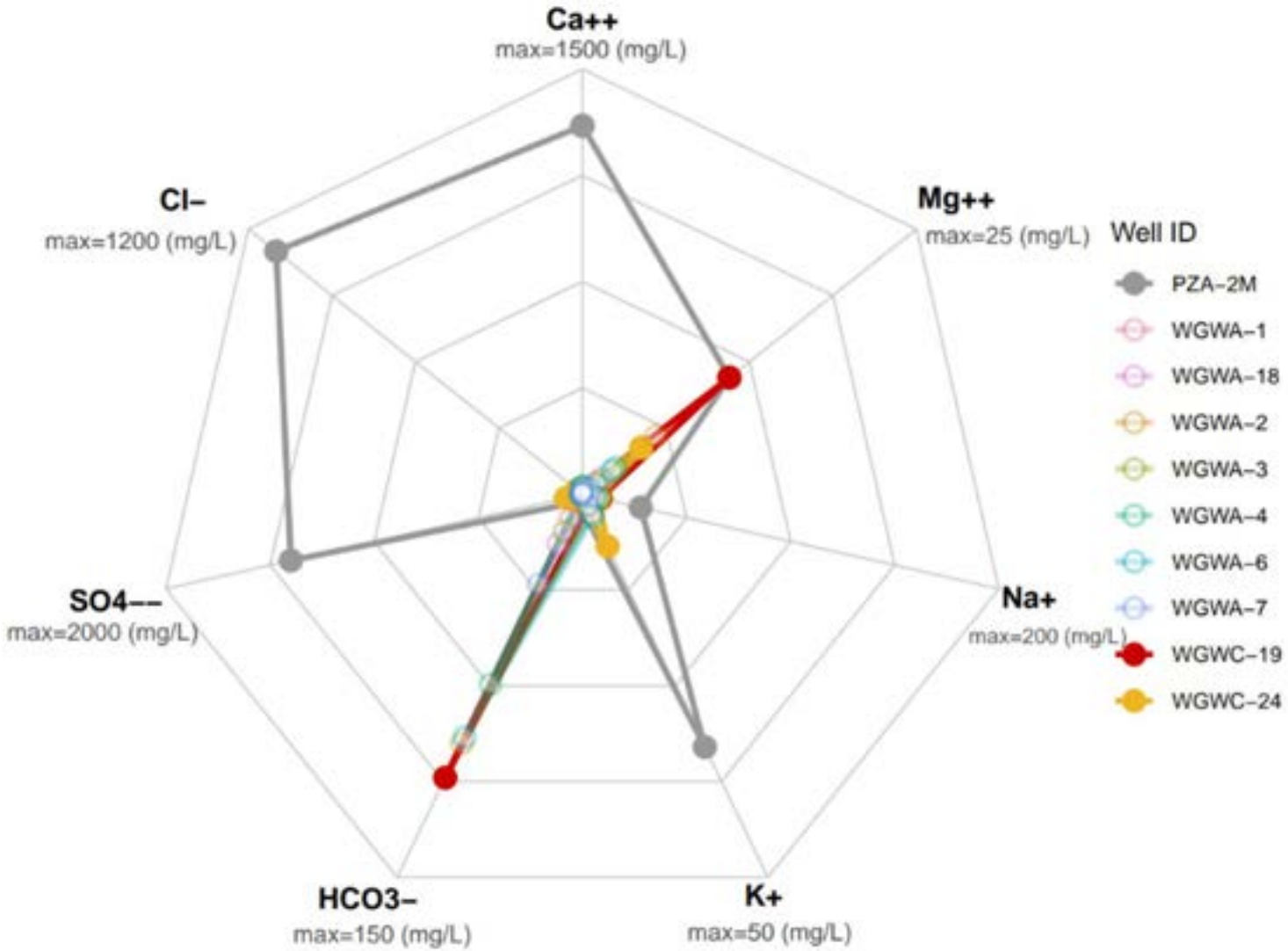
Monitoring Well Network, Piezometers, and Site Geology

Georgia Power Company
Plant Wansley AP-1
Heard and Carroll Counties, Georgia

Geosyntec consultants

Kennesaw, GA | August 2026

Figure 1



Notes:
1. Analytical data for all wells were collected in February 2025, except for PZ-A2M, which was last sampled in February 2023.

FIGURE 2 – STAR DIAGRAM– WGWC-19

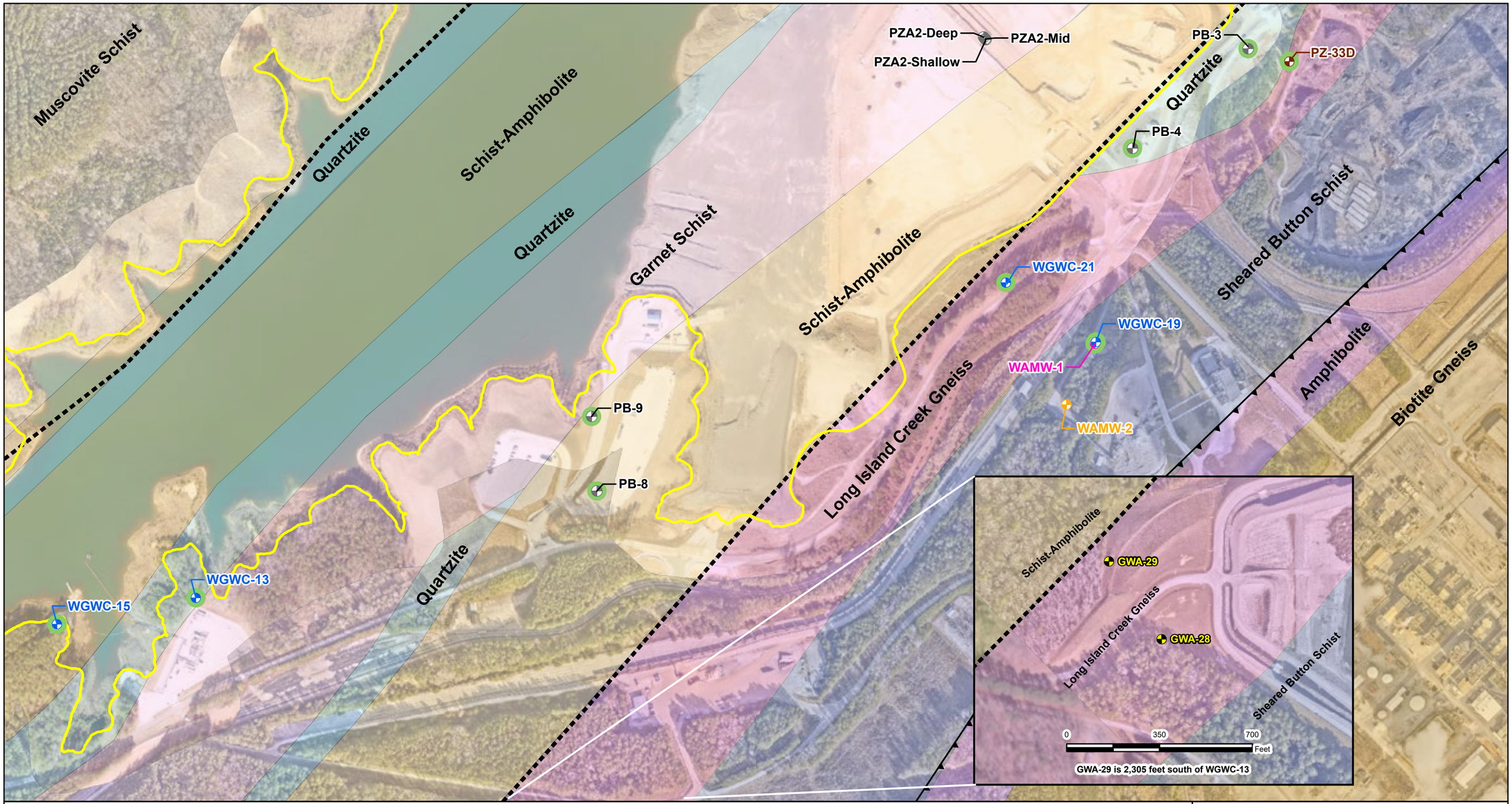
GEORGIA POWER COMPANY

PLANT WANSLEY AP-1
HEARD AND CARROLL COUNTIES, GEORGIA

PREPARED FOR: Georgia Power

PREPARED BY: Geosyntec consultants

KENNESAW, GA | August 2026



Legend

- Detection Monitoring Well
- Horizontal Assessment Monitoring Well
- Vertical Assessment Monitoring Well
- Piezometer
- Landfill Background Well
- Abandoned Interstitial Wells/Boring
- Rock Core Sampling Location
- Approximate AP-1 Boundary
- Strike-Slip Fault
- Thrust Fault
- Amphibolite
- Biotite Gneiss
- Garnet Schist
- Long Island Creek Gneiss
- Mixed Unit (Mica Schist, Gneiss and Metagraywacke)
- Muscovite Schist
- Quartzite
- Schist-Amphibolite
- Sheared Button Schist

Note:
1. Service Layer Credit Sources:
- Immediate vicinity of AP-1: SAM LLC, December 3, 2025.
- Surrounding area: SAM LLC, January 30, 2024, and Source: ESRI_World_Imagery: Source: Esri, Vantor, Earthstar Geographics, and the GIS User Community

N

0 500 900 Feet

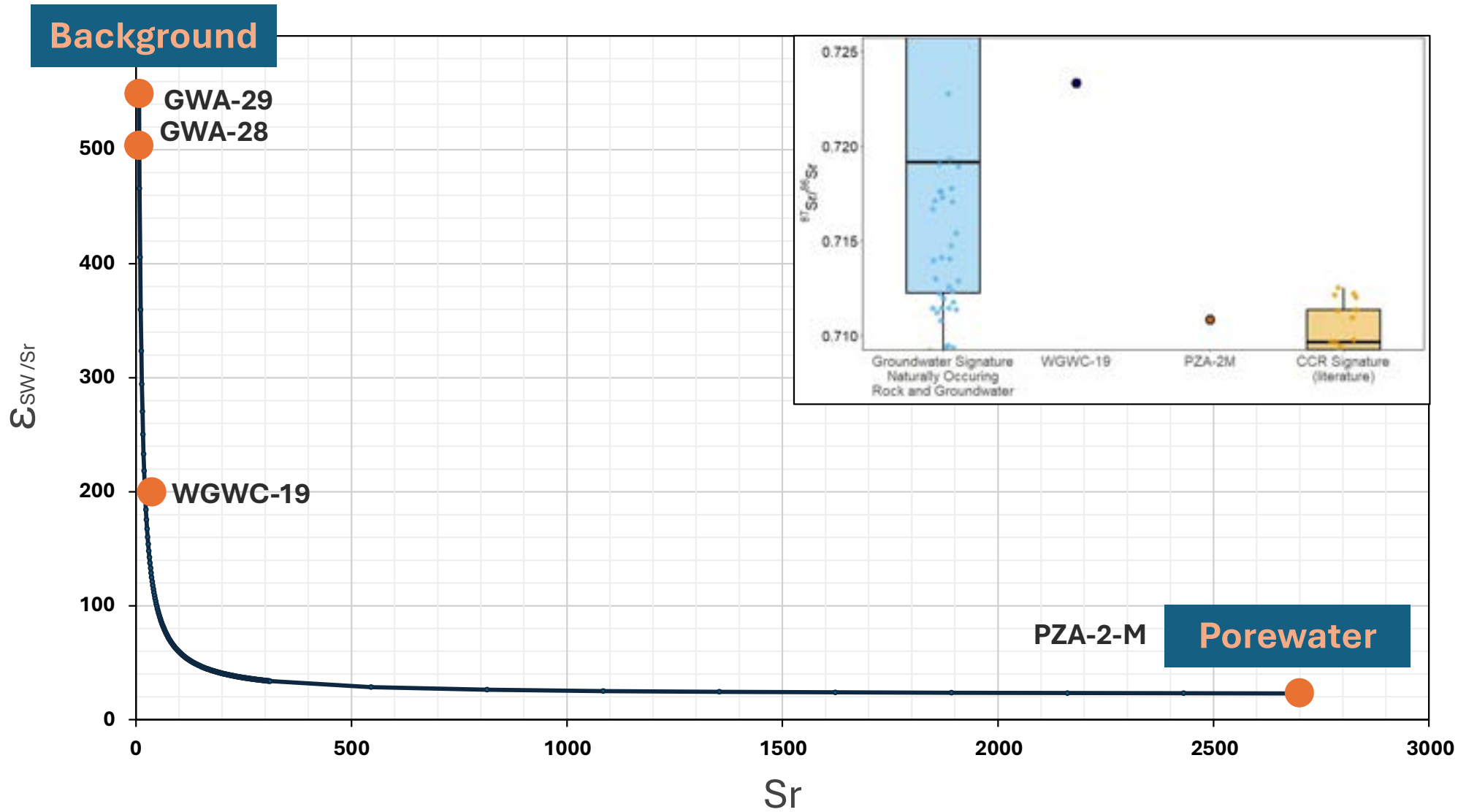
Rock Core Sampling Locations

Georgia Power Company
Plant Wansley AP-1
Heard and Carroll Counties, Georgia

Geosyntec consultants

Kennesaw, GA | June 2026

Figure 3



Notes:

1. $\varepsilon_{SW/Sr}$ calculated by $\varepsilon_{Sr}^{SW} = 10^4\left(\frac{^{87}Sr/^{86}Sr_{sample}}{^{87}Sr/^{86}Sr_{seawater}} - 1\right)$
2. The black solid line represents the mixing model output.
3. The inset graph is a box and whisker plot showing site data and previously reported literature values. Naturally occurring strontium in groundwater and rock signatures are from Medaris et al. (2003), Adams and Graham (1997), Rao et al. (1992), and Hills and Gast (1964). CCR signatures are from Ruhl et al. (2014) and Hurst et al. (1991).
4. The y-axis in the insert graph has been truncated to enhance visualization and does not affect the inclusion of all data points in the analysis.

FIGURE 4 – STRONTIUM MIXING MODEL WGWC-19

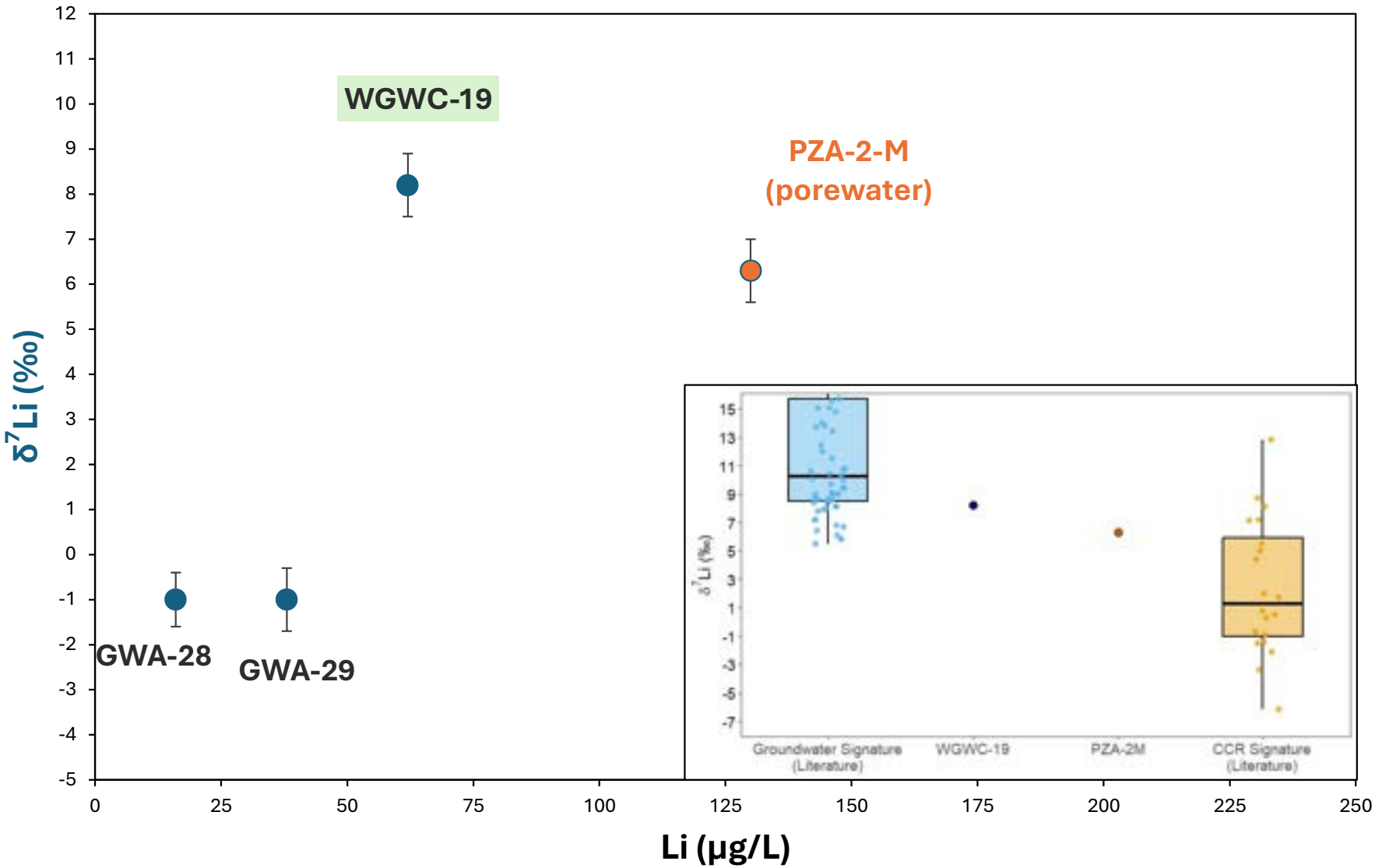
GEORGIA POWER COMPANY

PLANT WANSLEY AP-1
HEARD AND CARROLL COUNTIES, GEORGIA

PREPARED FOR: Georgia Power

PREPARED BY: Geosyntec consultants

KENNESAW, GA | August 2026



Notes:

1. $\delta^7\text{Li}\ (‰) = \left(\frac{^7Li/^6Li_{sample}}{^7Li/^6Li_{standard}} - 1\right) \times 1000$

2. The inset graph is a box and whisker plot showing site data and previously reported literature values. Naturally occurring lithium in groundwater signatures are from EPRI, 2020; Wanner et al. (2017), Liu et al. (2015) and Meredith et al. (2013). CCR signatures are from Harkness et al. (2015).

FIGURE 5 – LITHIUM ISOTOPE AND CONCENTRATION CROSS-PLOT WGWC-19

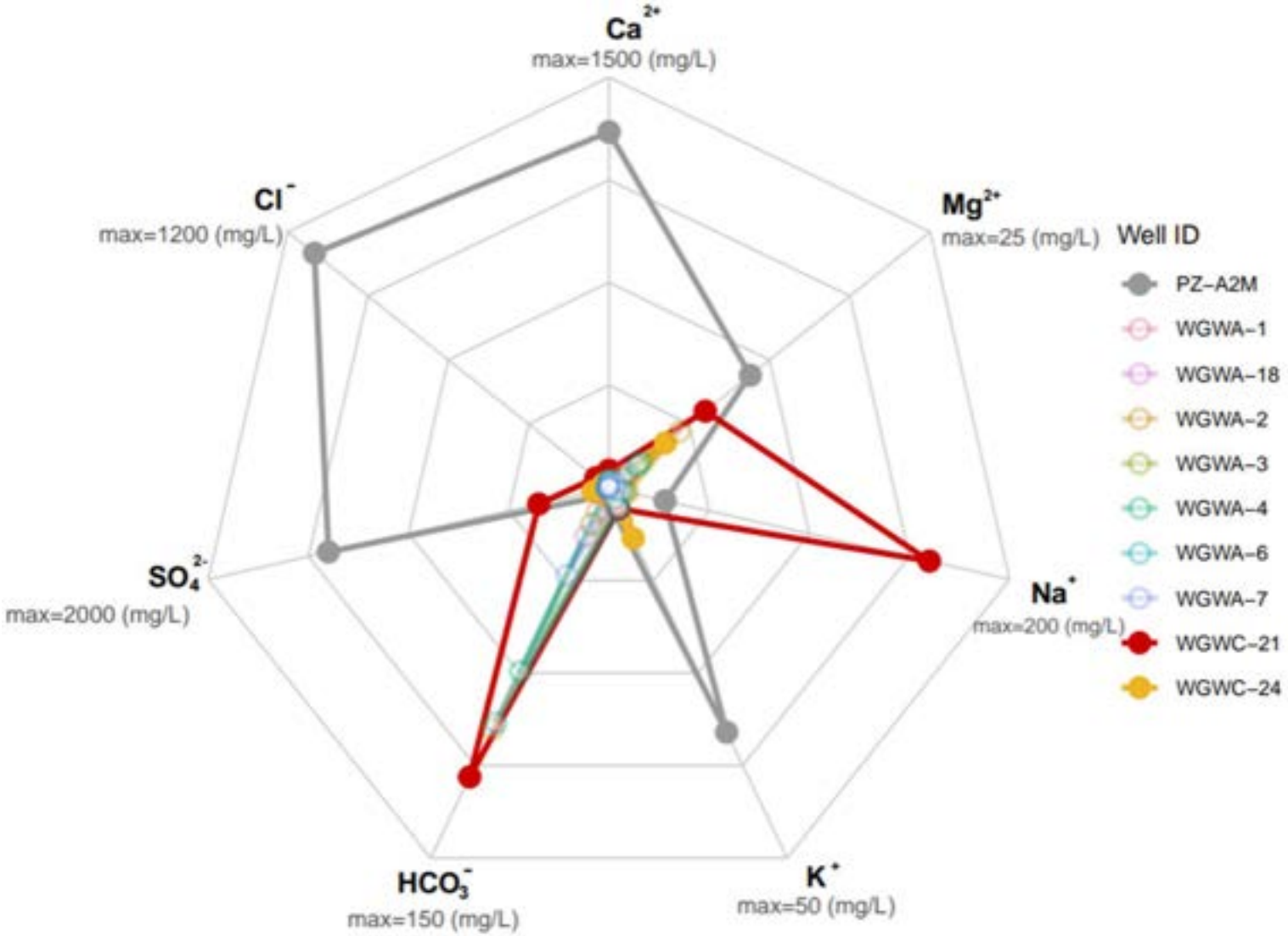
GEORGIA POWER COMPANY

PLANT WANSLEY AP-1
HEARD AND CARROLL COUNTIES, GEORGIA

PREPARED FOR: Georgia Power

PREPARED BY: Geosyntec consultants

KENNESAW, GA | April 2026



Notes:

1. Analytical data for all wells were collected in February 2025, except for PZ-A2M, which were last sampled in February 2023

FIGURE 6 – STAR DIAGRAM - WGWC-21

GEORGIA POWER COMPANY

PLANT WANSLEY AP-1

HEARD AND CARROLL COUNTIES, GEORGIA

PREPARED FOR: Georgia Power

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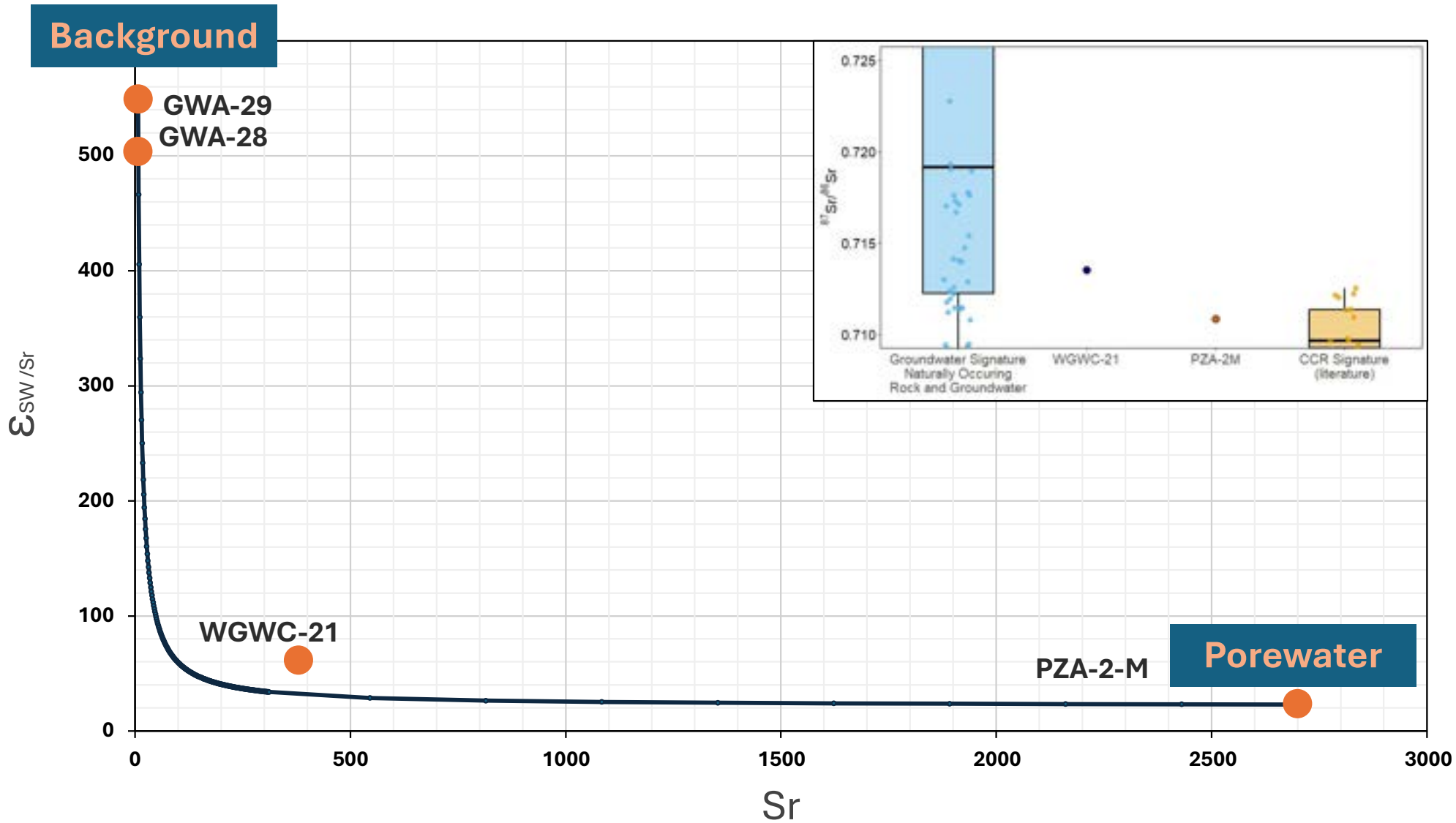

Notes:

1. $\varepsilon_{SW/Sr}$ calculated by $\varepsilon_{Sr}^{SW} = 10^4\left(\frac{^{87}Sr/^{86}Sr_{sample}}{^{87}Sr/^{86}Sr_{seawater}} - 1\right)$
2. The black solid line represents the mixing model output.
3. The inset graph is a box and whisker plot showing site data and previously reported literature values. Naturally occurring strontium in groundwater and rock signatures are from Medaris et al. (2003), Adams and Graham (1997), Rao et al. (1992), and Hills and Gast (1964). CCR signatures are from Ruhl et al. (2014) and Hurst et al. (1991).
4. The y-axis in the inset graph has been truncated to enhance visualization and does not affect the inclusion of all data points in the analysis.

FIGURE 7 – STRONTIUM MIXING MODEL WGWC-21

GEORGIA POWER COMPANY

PLANT WANSLEY AP-1
HEARD AND CARROLL COUNTIES, GEORGIA

PREPARED FOR: Georgia Power

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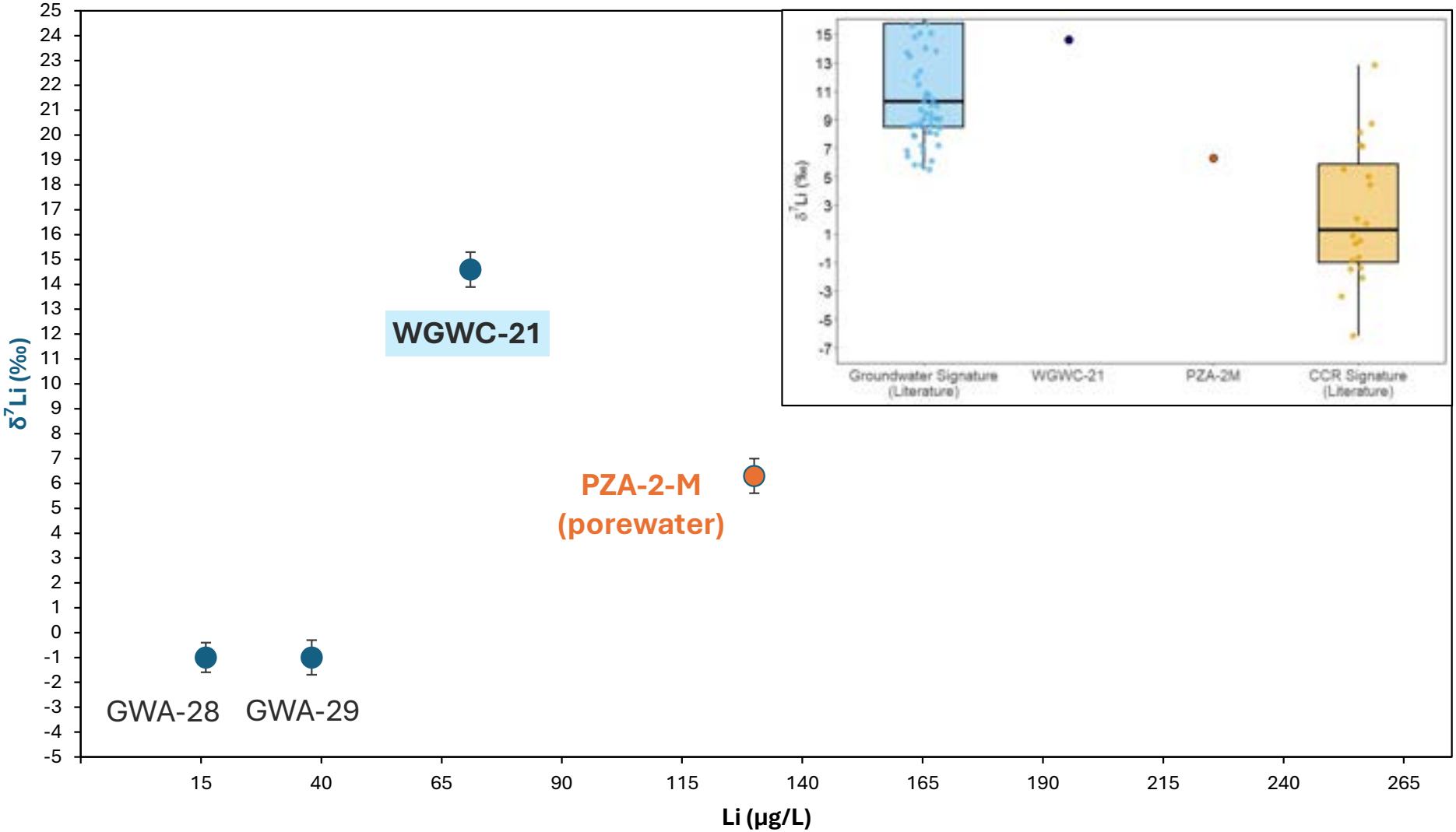

Notes:

1. $\delta^7\text{Li}\ (‰) = \left(\frac{^7Li/^6Li_{sample}}{^7Li/^6Li_{standard}} - 1\right) \times 1000$

2. The inset graph is a box and whisker plot showing site data and previously reported literature values. Naturally occurring lithium in groundwater signatures are from EPRI, 2020; Wanner et al. (2017), Liu et al. (2015) and Meredith et al. (2013). CCR signatures are from Harkness et al. (2015).

FIGURE 8 – LITHIUM ISOTOPE AND CONCENTRATION CROSS-PLOT WGWC-21

GEORGIA POWER COMPANY

PLANT WANSLEY AP-1
HEARD AND CARROLL COUNTIES, GEORGIA

PREPARED FOR: Georgia Power

PREPARED BY: Geosyntec consultants

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APPENDIX A

2018 ASD

Georgia Power Company
Plant Wansley Ash Pond

Carrollton, Georgia 30116
Heard County

Alternate Source Demonstration

Atlantic Coast Consulting, Inc.

Certification Statement

I hereby certify that this alternate source demonstration for the CCR Unit located at Georgia Power's Plant Wansley located at 1371 Liberty Church Road, Carrollton, Georgia, and designated as the Coal Combustion By-Product Disposal Facility has been prepared to meet the requirements of 40 CFR §257.95(g)(3)(ii).

Evan B. Perry, P.G.
Georgia Registered Professional
Geologist No. 1744
Originator

Richard T. Deason, P.E.
Georgia Registered Professional
Engineer No. 2213
Reviewer

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Certification Statement

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SECTION 1
Introduction

Georgia Power Company (GPC) – Plant Wansley Ash Pond (the site) is located in northeast Heard County and southeast Carroll County on Liberty Church Road, approximately 12 miles southeast of the City of Carrollton. Figure 1, Plant Wansley Ash Pond Site Location Map, depicts the site location referenced to regional landmarks.

In accordance with the United States Environmental Protection Agency (USEPA) coal combustion residual (CCR) rule (40 Code of Federal Regulations [CFR] 257 Subpart D; published in 80 FR21302-21501, April 17, 2015), the facility prepared the *2017 Annual Groundwater Monitoring and Corrective Action Report* to document groundwater monitoring activities conducted at the site and satisfy the requirements of §257.90(e). In that report, statistically significant increases (SSI) over background were identified for Appendix III parameters. In accordance with §257.94(e)(3) a notification for the establishment of assessment monitoring was placed in the facility's operating record on May 15, 2018. Following completion of statistical analysis of Appendix IV data, a statistically significant level above the groundwater protection standard was reported for lithium in the sample from well WGWC-19. A notification was placed in the operating record pursuant to §257.95(g) on October 15, 2018.

The facility has completed the actions required by §257.95(g)(1)(i – iv), including the installation of vertical and horizontal delineation wells (WAMW-1 and WAMW-2). This document provides an alternate source demonstration described in §257.95(g)(3). Based on this demonstration, the facility does not need to initiate an assessment of corrective measures.

SECTION 2
Alternate Source Demonstration

As allowed by §257.94(g)(3), the site may demonstrate that a source other than the CCR unit caused the SSI for a constituent or that the SSI resulted from error in sampling, analysis, statistical evaluation, or natural variation in groundwater quality. This document includes a review of data collected since 2016 to demonstrate that the statistical exceedance of the GWPS of lithium at WGWC-19 is due to a natural variation in groundwater quality and not due to a release from the ash pond. A recent potentiometric surface map is provided for reference as Figure 2, Plant Wansley Ash Pond September 2018 Potentiometric Surface Map.

2.1 Geologic Mapping

Prior to the installation of the groundwater monitoring network required by §257.91, GPC contracted Golder Associates Inc. to perform detailed geologic mapping onsite and develop a hydrogeologic site conceptual model. A site-specific geologic map is presented in the "Geologic and Hydrogeologic Report" by Golder (2018). The geologic mapping by Golder identified nine different rock units (Table 1, Plant Wansley Lithologic Units). The locations of the units are shown in Figure 3, Plant Wansley Lithologic Unit Map.

Table 1. Plant Wansley Lithologic Units.

Identification	Rock Type
OZmu	Interlayered graphitic schist
OZsg	Muscovite schist
OZsau	Schist-amphibolite
OZq	Quartzite
OZgs	Garnet schist
OZli	Granitic gneiss
OZbs	Button schist
OZbg	Biotite gneiss
OZa	Amphibolite

Plant Wansley is located along a regional zone of rock deformation known as the Brevard Zone. Lithologic contacts typically trend northeast-to southwest in the Brevard Zone; this trend is the same at Plant Wansley. As shown in Figure 3, the upgradient groundwater monitoring network (i.e. wells prefixed "GWA") is located in the muscovite schist unit (OZsg). This differs from the downgradient network (i.e. wells prefixed "GWC"), which is located in variable units [schist-amphibolite (OZsau), quartzite (OZq), garnet schist (OZgs), granitic schist (OZli), and biotite gneiss (OZbs)]. Geologic units presented on Figure 3 dip primarily to the southeast; therefore, multiple units may be encountered at depth at a given location,

and the uppermost aquifer may occur in different lithologic units in the upgradient and downgradient wells.

Lithium bearing minerals are documented in similar geologic units located in the Piedmont Physiographic Province (group contiguous northeast trending belts present from Alabama to New Jersey). These lithium bearing minerals are associated with pegmatites (i.e. subsequent igneous rock intrusions into metamorphic rock). The State of Georgia publication, *Geochemistry and Origin of Pegmatites Cherokee-Pickens District, Georgia* references the occurrence of the mineral spodumene ($LiAlSi_2O_6$) as a common accessory mineral in pegmatites (Gunow and Bonn 1989). Most notably, the Kings Mountain sequence located in the vicinity of Gaston County, North Carolina contains economically viable deposits of lithium (i.e. the Foote Mineral Company mine) present in the mineral form of spodumene (Horton 2008). In addition to spodumene the lithium bearing amphibole mineral holmquistite [$Li_2Mg_3Al_2Si_8O_{22}(OH)_2$] occurs in this Piedmont geology (Anthony, et al 2003). Based on the descriptions of site rock units provided by Golder (2018), pegmatite was identified in several of the units (OZmu, OZsau, and OZgs) present at Plant Wansley. These pegmatites are likely to host lithium-bearing minerals and provide a natural source of lithium into groundwater through weathering at the Site.

2.2 Rock Sample Analysis Results

Rock core samples from recent drilling investigations are temporarily stored at Plant Wansley before being catalogued and stored by Southern Company Services (SCS). Samples of rock from a range of lithologies were selected from site and SCS storage for analysis of total metals. Rock samples from within or just above the screened interval of WGWC-19 were analyzed for concentrations of lithium. Locations were selected in order to evaluate the variability of lithium throughout the site (i.e. assess lithium variability in rock units).

Sample preparation and analysis of site-wide samples was performed by the ALS Environmental laboratory in Tucson, Arizona (ALS). Core samples were initially prepared by grinding until a grain size of less than 1 millimeter (mm) was achieved. ALS then performed a total digestion on the sample grindings with nitric, hydrochloric and hydrofluoric acids. The samples were then analyzed for metals by inductively coupled optical emission spectrometry (ICP-OES). In order to further confirm the presence of lithium concentrations in the schist-amphibolite material at WGWC-19, core was obtained from SCS storage and sent to Geochemical Testing of Somerset, Pennsylvania for analysis. Samples were acid digested in accordance with EPA method 3050, then analyzed for lithium by EPA method 6010. A summary of the sample lithology and lithium concentrations is provided in Table 2, Plant Wansley Rock Sample Lithium Analysis Results. The laboratory analytical report is provided in Appendix A, Laboratory Analytical Results – Rock Samples.

Lithium is present in schist-amphibolite samples from PB-8 and PB-9 at concentrations of 116 mg/kg and 63 mg/kg, respectively (Table 2), and 30 mg/kg in quartzite at APC-5D (WGWC-13). Groundwater wells consistently producing levels of lithium background monitoring (WGWC-8, WGWC-9, WGWC-10, WGWC-16, and WGWC-19) are located within or adjacent to the schist-amphibolite unit. A summary of the frequency of detection for lithium

is provided in Appendix B, Plant Wansley Ash Pond Summary of Lithium Background Sample Results.

The site-wide sample data confirm that the relative abundance of lithium in the schist-amphibolite material is elevated compared to other site lithologies. Testing of the rock (schist-amphibolite) from WGWC-19 (well with the highest groundwater concentration of lithium) identified the presence of lithium in all 5 samples. The concentration range of 39.4 to 97.0 mg/Kg was similar to the levels reported in the schist-amphibolite samples from PB-8 and PB-9. The consistent detection of lithium at all depth intervals indicates the widespread occurrence of lithium bearing silicate minerals in the schist-amphibolite unit.

Table 2. Plant Wansley Rock Sample Analysis Results Summary – Lithium.

Location	Depth (ft bgs)	Rock Type	Lithium Concentration
APC-5D (WGWC-13)	90-91	Quartzite (OZq)	30 mg/Kg
APC-6D (WGWC-15)	33-34	Schist/gneiss	<30 mg/Kg
APC-6D (WGWC-15)	47-48	Mafic gneiss	<30 mg/Kg
PB-3	56-57	Gneiss (OZi)	<30 mg/Kg
PB-4	49-50	Gneiss (OZli)	<70 mg/Kg
PB-8	123-124	Schist-Amphibolite (OZsau)	116 mg/Kg
PB-9	65-66	Schist-Amphibolite (OZsau)	63 mg/Kg
WGWC-19	77-78	Schist-Amphibolite (OZsau)	54.4 mg/Kg
WGWC-19	82-83	Schist-Amphibolite (OZsau)	60.3 mg/Kg
WGWC-19	85-86	Schist-Amphibolite (OZsau)	39.4 mg/Kg
WGWC-19	88-89	Schist-Amphibolite (OZsau)	97.0 mg/Kg
WGWC-19	91-92	Schist-Amphibolite (OZsau)	80.0 mg/Kg

Notes:
1. Data for all locations except WGWC-19 provided by laboratory on a % by weight basis. All data converted to mg/Kg for ease of comparison to WGWC-19 sample data.
2. Ft bgs = feet below ground surface
3. mg/Kg = milligrams per Kilogram

Lithium occurs naturally in the earth's crust averaging 20 mg/kg (Taylor, 1964), and ranging from 30 mg/Kg (Taylor, 1964) to 40 mg/kg (Turekian and Wedepohl, 1961) in granitic rocks. Site-specific data presented in Table 2 suggest that lithium occurs at significantly higher than average concentrations in the schist-amphibolite lithology onsite.

Silicate minerals such spodumene or holmquistite dissolve in groundwater as a result of chemical weathering. A site-wide round of geochemical data was collected from the Wansley Ash Pond monitoring network in March 2018. Dissolved silicon was sampled as a measure of the degree of silicate mineral dissolution. Concentrations in upgradient well samples ranged from 4.1 to 17 mg/L and were at similar range of 6.7 to 22 mg/L in downgradient well samples. These data indicate that silicate mineral to groundwater interaction is

occurring. Metals such as lithium represent only a small percentage of silicate mineral composition by weight, however given that detected lithium concentrations are at levels in the low micrograms per liter (μg/L) range native mineral solubility is a viable mechanism for lithium to occur in groundwater.

Given the significantly higher lithium concentrations in the schist-amphibolite compared to site and literature background conditions, elevated groundwater concentrations are very likely derived from the native rock. The groundwater geochemical data set is provided in Appendix C, Laboratory Analytical Results – Groundwater Geochemical Samples.

2.3 Occurrence of Lithium in Background Data from Wansley Landfill

There have also been numerous lithium detections in background samples collected from wells installed around the perimeter of Cell 3 of the Plant Wansley Landfill. Cell 3 is separated from Cells 1 and 2 (i.e. not part of the same liner system) and encompassed by wells that are not hydraulically connected to Cells 1 and 2. Cell 3 has never received waste and therefore none of the samples can be said to be impacted from the CCR unit. Cell 3 is located approximately 2000 feet south of the Ash Pond. As shown in Figure 2, there is a groundwater divide just south of the Ash Pond that inhibits flow in this direction. Additionally, background data are included in Appendix D, Wansley Landfill Background Data Summary, for landfill groundwater monitoring wells GWC-25 through GWC-35 that are located in the vicinity of Cell 3. These wells show no detections of boron and low, naturally occurring levels of other Appendix III parameters (aside from naturally elevated levels of fluoride at several locations). Five of the wells along the perimeter of Cell 3 (GWA-28, GWA-29, GWC-27, GWC-31, and GWC-32) showed consistent lithium concentrations during background monitoring (Appendix B). These wells are in close proximity to the lithium bearing (OZsau) schist-amphibolite unit (Figure 3). Therefore, these locations are further indication that lithium naturally occurs in site background groundwater. A summary of the most recent lithium concentrations at Ash Pond network locations and background monitoring averages for relevant Wansley Landfill locations is provided in Table 3, Plant Wansley Groundwater Results Summary – Lithium.

The unimpacted upgradient wells at Wansley Landfill are screened in material more similar to WGWC-19 (and other downgradient Ash Pond locations) than the Ash Pond upgradient network. As would be anticipated, the upgradient Wansley Landfill monitoring wells exhibit higher levels of naturally-occurring lithium in groundwater samples than the Ash Pond upgradient network. A detailed summary of lithium concentrations reported during background monitoring at Wansley Landfill is provided in Appendix D.

As shown in the previous section, there is significant variation in lithium concentrations within schist-amphibolite samples (39.4 to 116 mg/Kg). Consistent with the rock sample data, there is variability in groundwater sample concentrations (Table 3). The maximum detected levels of lithium in groundwater are reported at WGWC-19 (where lithium was identified in all five of the rock samples tested).

In summary, based on a review of data from Ash Pond and Landfill locations, lithium is present at relatively higher concentrations in a rock type that is not present in the upgradient groundwater monitoring network. Unimpacted, upgradient locations at Wansley Landfill are in a lithology more similar to downgradient portion of the Ash Pond and produce similar levels of lithium.

Table 3. Plant Wansley Groundwater Results Summary – Lithium.

Location	Lithium Concentration
Wansley Ash Pond	
Upgradient	ND – 8.2 μg/L
WGWC-8	13 μg/L
WGWC-9	39 μg/L
WGWC-10	8.5 μg/L
WGWC-11	1.4J μg/L
WGWC-12	6.6 μg/L
WGWC-13	2.5J μg/L
WGWC-14A	1.6J μg/L
WGWC-15	6.0 μg/L
WGWC-16	12 μg/L
WGWC-17	5.0 μg/L
WGWC-19	62 μg/L
WAMW-1	26 μg/L
WAMW-2	23 μg/L
Wansley Landfill	
GWA-28	20 μg/L
GWA-29	40 μg/L
GWC-27	9.9 μg/L
GWC-31	23 μg/L
GWC-32	18 μg/L

Notes:

1. Units are micrograms per liter (μg/L)
2. ND = Not Detected
3. J = estimated trace concentration below laboratory reporting limit.
4. Upgradient data are pooled from WGWA-1, WGWA-2, WGWA-3, WGWA-4, WGWA-5, WGWA-6, WGWA-7, and WGWA-18;
5. Ash Pond network well samples collected between September 24 - October 4, 2018.
6. Samples from WAMW-1 and WAMW-2 collected October 16 – 18, 2018.
7. Landfill network well values are the average concentrations for background events completed March 22, 2016 through October 3, 2017.

2.4 Site-Wide Review of Cation/Anion Data and Appendix III SSIs Above Background

During the March 2018 assessment monitoring event, a suite of cations and anions were sampled from the entire Wansley Ash Pond groundwater monitoring network. The objective for obtaining this data was to identify any apparent geochemical differences between upgradient and downgradient monitoring wells. Additionally, five groundwater monitoring wells adjacent to Wansley Landfill Cell 3 (GWA-28, GWA-29, GWC-27, GWC-31, and GWC-32) were sampled for cations and anions earlier in March 2018 as part of an alternate source demonstration (ASD) for that unit (ACC, 2018). As previously noted, Cell 3 has never received waste and therefore conditions at these wells are representative of background conditions. Constituents released from coal ash can result in shifts in cation and anion abundances away from background conditions. These shifts may be apparent when plotted on a trilinear (Piper) diagram. The site-wide data set is depicted on Figure 4, Plant Wansley Ash Pond Tri-Linear diagram.

As shown in Figure 4, upgradient and downgradient groundwater data from both the Ash Pond and Landfill are generally comingled on the plot; the data points reflect predominantly a calcium-bicarbonate type water and to a lesser extent, a sodium-bicarbonate type water. Thus, the majority of samples indicate a natural groundwater composition (chemistry), reflecting background conditions. Two monitoring wells (WGWC-8 and WGWC-16) show some potential change from background conditions; these locations also produced SSIs for Appendix III analytes. There is no indication that the wells exhibiting the highest concentration of lithium (e.g. WGWC-19) has changed geochemically from background conditions (i.e. the source of lithium is not a site related impact). As discussed in the following section the low levels of lithium at WGWC-8 and WGWC-16 are also attributable to background conditions.

2.5 Temporal Analysis of CCR Indicators

The background data sets for each well were collected over prolonged periods where seasonal conditions potentially influence geochemical conditions. For example, periods of elevated precipitation may result in relatively dilute samples. As noted in the previous section, WGWC-8 and WGWC-16 appear to exhibit a possible shift from background conditions. Lithium is also routinely detected in samples from these locations. The potential that temporal shifts in lithium concentrations at these locations differ from the shifts in Appendix III indicator parameter data was evaluated by analysis of Pearson correlation coefficients. Highly positive correlations (i.e. correlation coefficient r near 1.0) may indicate that two parameter sets are from a common influence. Conversely, non-statistically significant low correlations or negative r values indicate that the occurrence of two parameters are unrelated or even from potentially different sources. Based on a review of upgradient data, there is virtually no boron present in upgradient background; therefore, boron was used as a point of comparison for each relevant Appendix III constituent and lithium.

As shown in Table 4, Plant Wansley WGWC-8 and WGWC-16 Correlation Coefficients, there are significantly positive correlations between boron and other Appendix III constituents. Specifically, boron has a statistically significant positive correlation with calcium and chloride at both wells; also, with sulfate and TDS at WGWC-8. Boron has a statistically

significant negative correlation with lithium at WGWC-8. This is an indication that the lithium originates from a distinctly different source (i.e. native groundwater rather than unit influenced water). Lithium does not significantly correlate with boron at WGWC-16 also indicating potentially different sources for the two analytes. Data from WGWC-19 are also included in Table 4. This location produces samples with the highest concentrations of lithium, but very low concentrations of Appendix III constituents. Boron is not detected at this location and there is therefore no correlation in the occurrences of boron and lithium.

Table 4. Plant Wansley WGWC-8 and WGWC-16 Correlation Coefficients.

WGWC-8

Background Sample Date	Boron	Lithium	Calcium	Chloride	Sulfate	TDS	Fluoride
19-May-16	1.42	0.0215	31.4	17.5	146	311	0.304
20-Jul-16	1.4	0.026	28	19	150	290	0.27
15-Sep-16	1.2	0.057	27	19	140	270	0.24
14-Nov-16	1.3	0.017	32	25	160	320	0.2
06-Feb-17	1.8	0.012	41	33	180	330	0.27
15-Mar-17	1.7	0.014	38	38	170	370	0.25
26-Apr-17	2.0	0.0091	39	42	180	380	0.31
10-Aug-17	1.8	0.013	53	48	180	380	0.37
Boron Correlation Coefficient		**-0.75**	**0.77**	**0.86**	**0.91**	**0.87**	0.60

WGWC-16

Background Sample Date	Boron	Lithium	Calcium	Chloride	Sulfate	TDS	Fluoride
18-May-16	4.5	*0.01*	168	217	388	1080	ND
19-Jul-16	4.7	0.0091	190	250	460	1200	ND
14-Sep-16	5.8	0.012	230	260	500	1300	ND
10-Nov-16	6.7	0.013	240	290	530	1400	ND
24-Jan-17	6.3	0.011	280	310	600	1300	ND
15-Mar-17	5.9	0.01	260	330	610	1500	ND
25-Apr-17	6.2	0.0081	300	330	620	1700	ND
09-Aug-17	6.3	0.013	350	330	780	1900	ND
Boron Correlation Coefficient (r)		0.49	**0.77**	**0.79**	0.70	0.65	NA

WGWC-19

Background Sample Date	Boron	Lithium	Calcium	Chloride	Sulfate	TDS	Fluoride
11-Nov-16	ND	0.045	12	2.6	3.4	98	0.32
06-Feb-17	ND	0.050	11	2.6	3.7	36	0.45
15-Mar-17	ND	0.052	10	2.4	3.6	120	0.37

WGWC-19

Background Sample Date	Boron	Lithium	Calcium	Chloride	Sulfate	TDS	Fluoride
11-Apr-17	ND	0.048	11	2.3	3.2	68	0.37
26-Apr-17	ND	0.044	8.4	2.3	3.3	76	0.40
07-Jun-17	ND	0.047	9.0	2.5	3.8	74	0.35
11-Jul-17	ND	0.045	9.5	2.3	3.3	70	0.39
10-Aug-17	ND	0.056	8.8	2.5	3.7	66	0.42
Boron Correlation Coefficient (r)		NA	NA	NA	NA	NA	NA

Notes:
1. All units are milligrams per liter (mg/L).
2. r = Pearson's correlation coefficient.
3. Bold values exceed ± 0.71 and are considered statistically significant for n = 8 at α = .05.

2.6 Review of WGWC-19, WAMW-1, and WAMW-2 Water Quality Data

In addition to relative abundances of cations and anions, the overall concentrations of geochemical indicator parameters at WGWC-19 are within background ranges. A table comparing Appendix III constituent and lithium concentrations at WGWC-19, WAMW-1, and WAMW-2 to upgradient locations is provided in Table 5, Plant Wansley Appendix III/Lithium Data Comparison.

Table 5. Plant Wansley Appendix III/Lithium Data Comparison.

	Upgradient			WGWC-19			WAMW-1	WAMW-2
Analyte	Avg.	Min.	Max	Avg.	Min.	Max	Conc.	Conc.
Lithium	ND	ND	0.009	0.048	0.044	0.056	0.026	0.023
Boron	ND	ND	ND	ND	ND	0.034J	ND	ND
Calcium	11.0	0.44	52	9.8	8.4	12	19	18
Chloride	2.1	1.2	6.1	2.4	2.3	2.6	2.6	2.5
Fluoride	0.10	ND	0.28	0.37	0.32	0.45	0.60	0.47
Sulfate	3.9	ND	21	3.6	3.2	4.6	3.7	9.5
TDS	58	ND	150	80	36	120	120	110

Notes:
1. Units are milligrams per liter (mg/L)
2. ND = Not Detected
3. J = estimated trace concentration below laboratory reporting limit.
4. Upgradient data are pooled from WGWA-1, WGWA-2, WGWA-3, WGWA-4, WGWA-5, WGWA-6, WGWA-7, and WGWA-18; samples collected between May 2016 and October 2018.
5. WGWC-19 samples collected between May 2016 and October 2018. Single samples from WAMW-1 and WAMW-2 collected October 2018.

As shown in Table 5, boron is effectively non-detect in upgradient wells and at downgradient wells WGWC-19, WAMW-1, and WAMW-2. A trace level "J" value, that is below the reporting limit for boron (coal ash indicator), was reported in one of 11 samples collected from well WGWC-19. The non-detectable levels of boron in well WGWC-19 and low concentrations of

other indicator parameters (calcium, chloride, sulfate, and TDS) are comparable to background concentrations. Therefore, there is no indication of coal ash impact to WGWC-19. The lithium concentrations at WGWC-19, AMW-1, and AMW-2 are occurring in wells that are exhibiting unimpacted background conditions.

Concentrations of fluoride are slightly higher than background at WGWC-19, WAMW-1, and WAMW-2. As with lithium, this is attributable to natural variation that is not accounted for in the upgradient data set. A previous ASD for Wansley Landfill presented data demonstrating that fluoride is naturally occurring in groundwater in the vicinity of Cell 3 (ACC, 2018).

In summary, geochemical indicator concentrations present at WGWC-19, WAMW-1, and WAMW-2 are similar to background groundwater composition and there is no indication of coal ash influence to groundwater at these locations. A summary of Appendix III data for the upgradient monitoring network wells, WGWC-19, WAMW-1, and WAMW-2 is provided in Appendix E, Summary of Appendix III Data.

SECTION 3
Conclusions

Following completion of statistical analysis of Appendix IV data, a statistically significant level above the groundwater protection standard (GWPS) was reported for lithium in the sample from WGWC-19. There were no other statistical exceedances of the GWPS for lithium or any other Appendix IV analyte. Based on a review of available data the occurrence of lithium at WGWC-19 is solely related to natural variability that is not accounted for in the upgradient data set. This is likely the result of:

- Variable lithologies at the Site, the upgradient monitoring network wells are installed in a distinct lithologic unit that is not present downgradient. The upgradient unit contains a substantially lower abundance of lithium than units downgradient due to natural variability in rock unit composition.
- Rock core samples from WGWC-19 and other samples from the same schist-amphibolite unit contain lithium (as documented by laboratory analysis). The lithium concentrations in this unit are higher than other rock types at the Site and concentrations provided in peer reviewed literature.
- Site groundwater contains silicon levels ranging from 4.1 to 22 mg/L, indicating solubility of silicate minerals including lithium bearing minerals, and suggesting that lithium from natural rock formations have dissolved in groundwater.
- Based on absolute and relative occurrences of geochemical indicator parameters there is no indication of groundwater impact from the CCR unit at WGWC-19, WAMW-1, or WAMW-2.
- Concentrations of coal ash indicator parameters negatively correlate with lithium in samples from WGWC-8 indicating lithium is occurring independently of site influences.
- Similar levels of lithium were identified in groundwater samples collected from the perimeter network installed around Cell 3 of the Plant Wansley Landfill. This cell has never received waste and is installed in a lithology similar to WGWC-19.

As presented thru this ASD, the requirements for a demonstration that a source other than the CCR unit caused the statistically significant increase of lithium found in WGWC-19 as listed in §257.95(g)(3)(ii) have been satisfied. Therefore, an assessment of corrective measures is not required. Detection and assessment monitoring should continue and results presented in Annual Groundwater Monitoring and Corrective Action Reports.

SECTION 4
References

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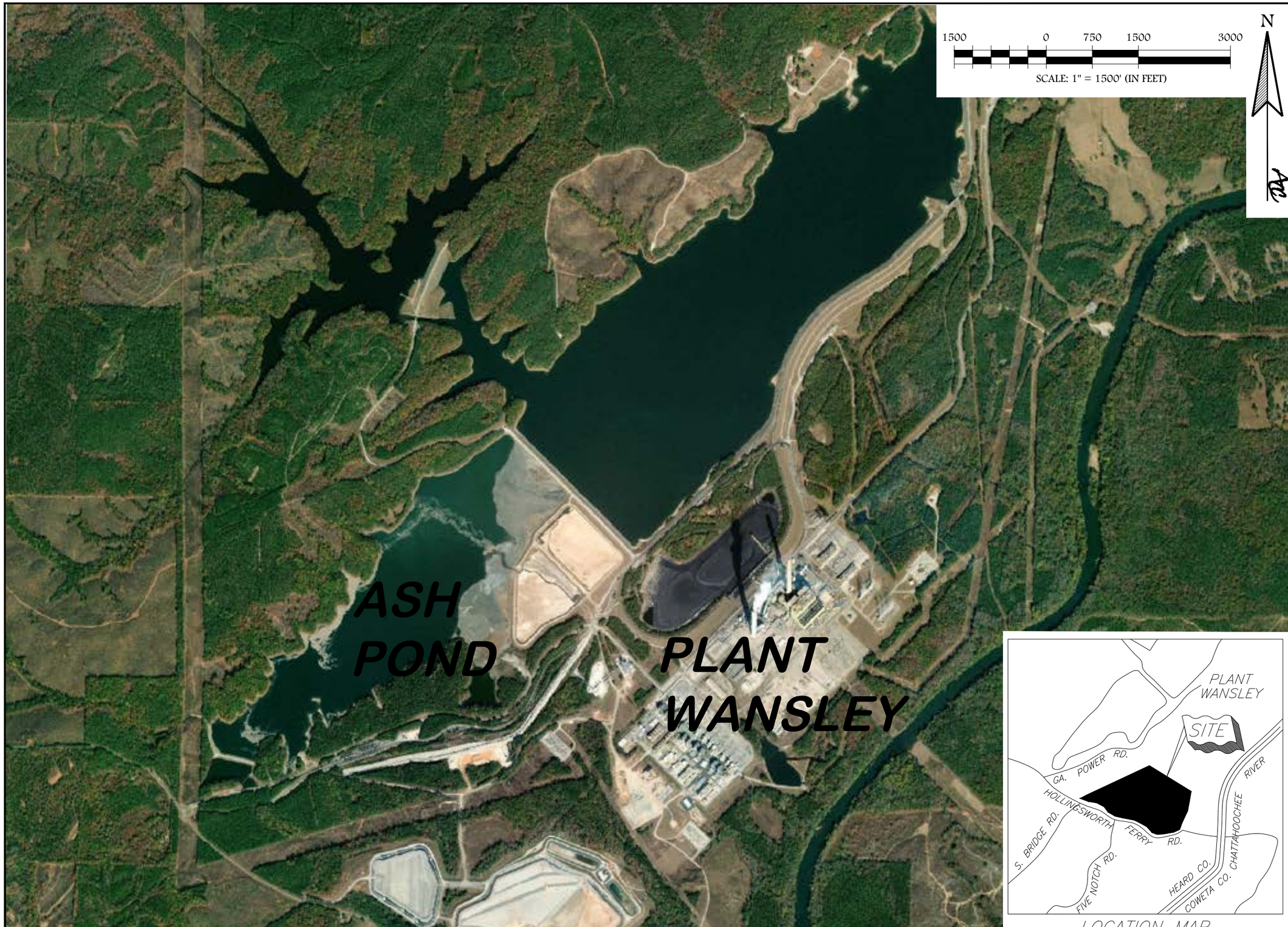
FIGURES



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PROJECT:

PLANT WANSLEY
ASH POND

1371 LIBERTY CHURCH ROAD
CARROLLTON, GEORGIA

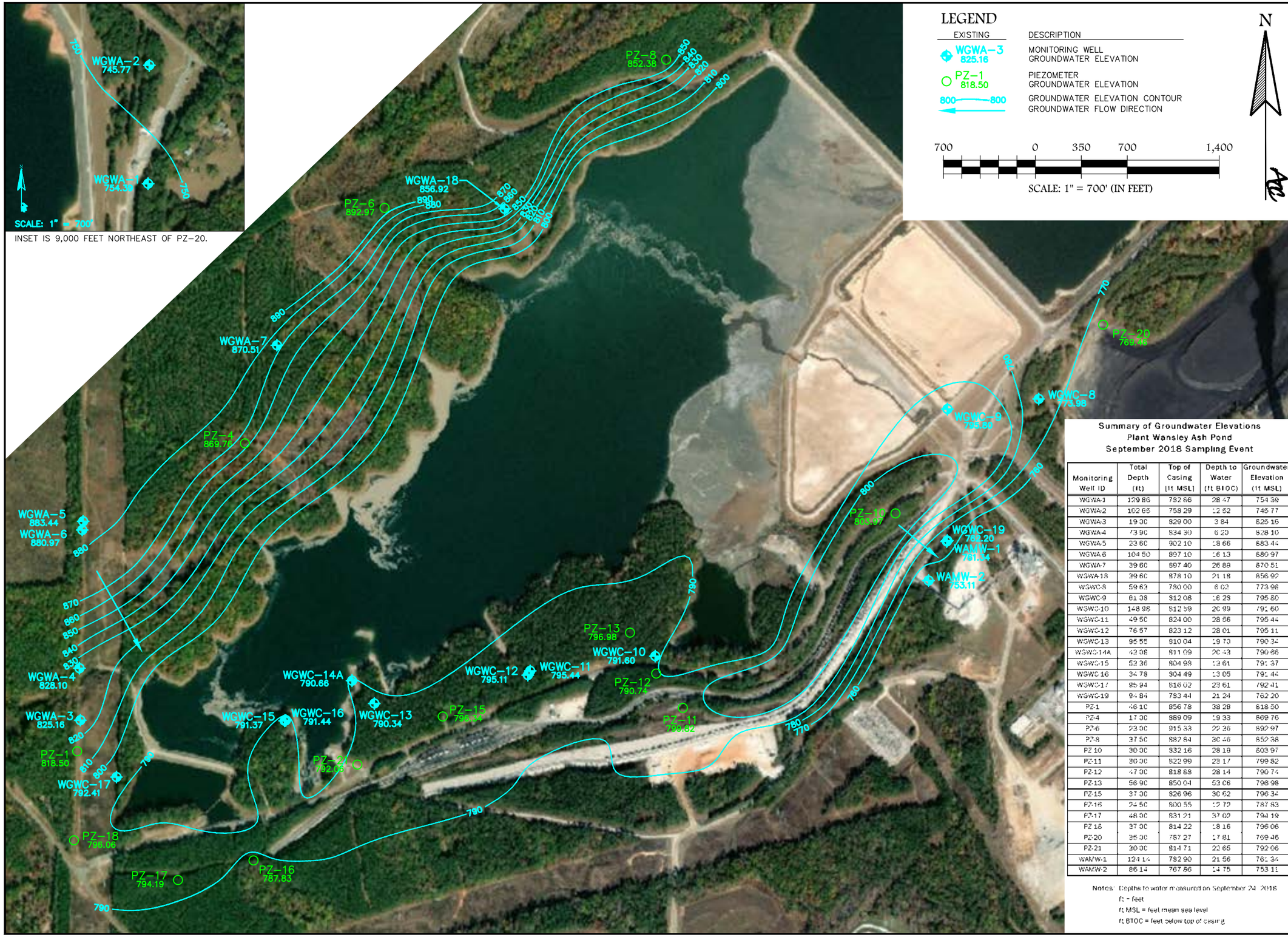
REVISIONS

Drawn by: MM
Checked by: EP

PROJECT NUMBER:
I054-110
December 2018

Plant Wansley
Ash Pond
Site Location Map

FIGURE 1



Summary of Groundwater Elevations
Plant Wansley Ash Pond
September 2018 Sampling Event

Monitoring Well ID	Total Depth (ft)	Top of Casing (ft MSL)	Depth to Water (ft BTOC)	Groundwater Elevation (ft MSL)
WGWA-1	129.86	782.86	28.47	754.39
WGWA-2	102.65	758.29	12.52	745.77
WGWA-3	19.00	829.00	3.84	825.16
WGWA-4	73.90	834.30	6.20	828.10
WGWA-5	23.60	902.10	18.66	883.44
WGWA-6	104.50	897.10	16.13	880.97
WGWA-7	39.60	897.40	26.89	870.51
WGWA-18	39.60	878.10	21.18	856.92
WGWC-8	59.63	780.00	6.02	773.98
WGWC-9	61.08	812.08	16.28	795.80
WGWC-10	148.95	812.59	20.99	791.60
WGWC-11	49.50	824.00	28.56	795.44
WGWC-12	76.57	823.12	28.01	795.11
WGWC-13	95.55	810.04	19.70	790.34
WGWC-14A	42.08	811.09	20.43	790.66
WGWC-15	52.36	804.98	13.61	791.37
WGWC-16	34.78	804.49	13.05	791.44
WGWC-17	85.94	816.02	23.61	792.41
WGWC-19	94.84	783.44	21.24	762.20
PZ-1	46.10	856.78	38.28	818.50
PZ-4	17.00	889.09	19.33	869.76
PZ-6	23.00	915.33	22.36	892.97
PZ-8	37.50	887.84	35.46	852.38
PZ-10	30.00	832.16	28.19	803.97
PZ-11	30.00	822.99	23.17	799.82
PZ-12	47.00	818.88	28.14	790.74
PZ-13	56.90	850.04	53.06	796.98
PZ-15	37.00	826.96	30.62	796.34
PZ-16	24.50	800.55	12.72	787.83
PZ-17	48.00	831.21	37.02	794.19
PZ-18	37.00	814.22	18.16	796.06
PZ-20	35.00	787.27	17.81	769.46
PZ-21	30.00	814.71	22.65	792.06
WAMW-1	124.14	782.90	21.56	761.34
WAMW-2	86.14	767.86	14.75	753.11

Notes: Depths to water measured on September 24, 2018
ft - feet
ft MSL = feet mean sea level
ft BTOC = feet below top of casing

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PROJECT:

PLANT WANSLEY ASH POND

1371 LIBERTY CHURCH ROAD
CARROLLTON, GEORGIA

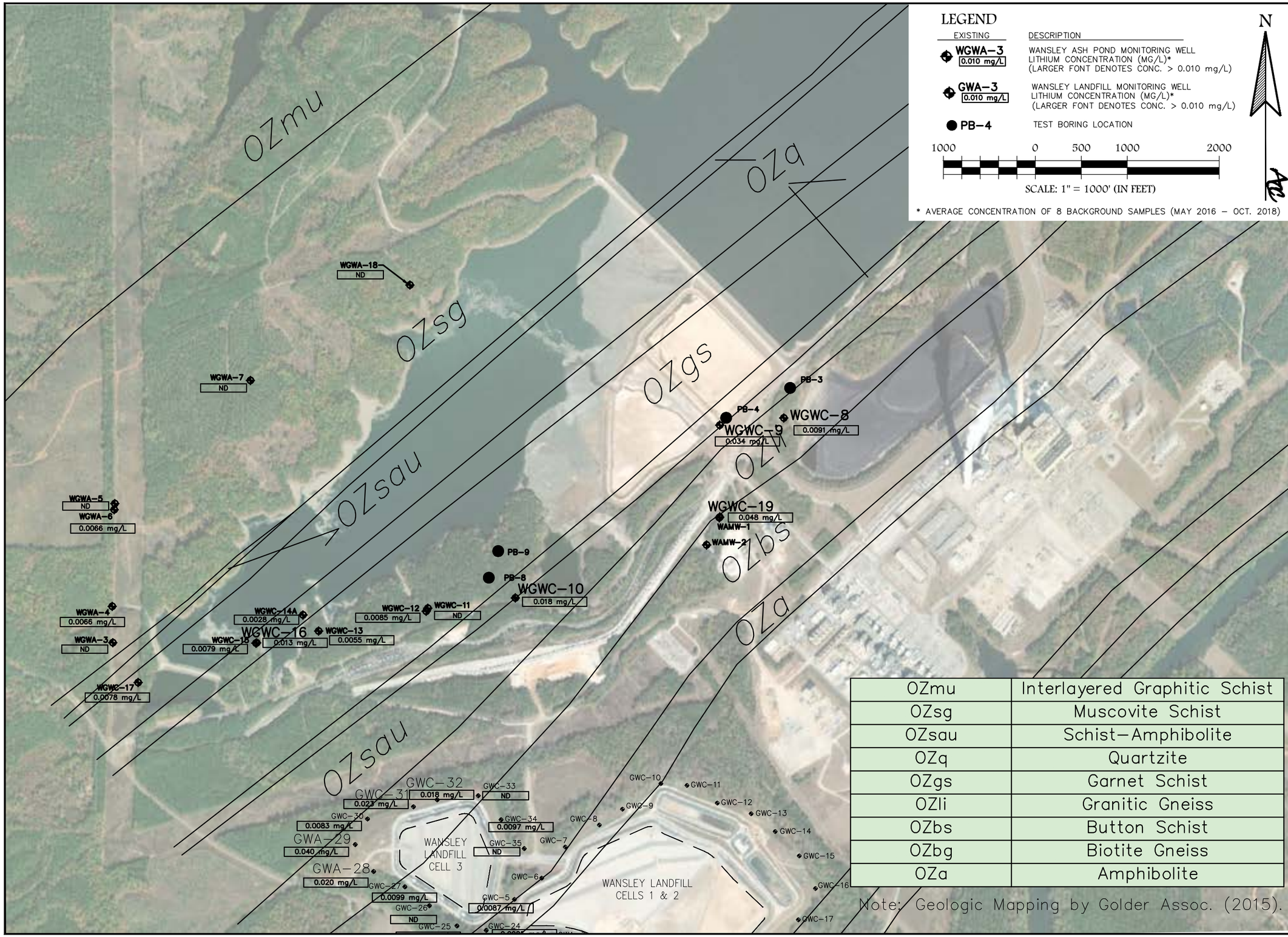
REVISIONS

Drawn by: MM
Checked by: EP

PROJECT NUMBER:
I054-110
October 2018

SEPTEMBER 2018 POTENTIOMETRIC SURFACE CONTOUR MAP

FIGURE 2



OZmu	Interlayered Graphitic Schist
OZsg	Muscovite Schist
OZsau	Schist–Amphibolite
OZq	Quartzite
OZgs	Garnet Schist
OZli	Granitic Gneiss
OZbs	Button Schist
OZbg	Biotite Gneiss
OZa	Amphibolite

Note: Geologic Mapping by Golder Assoc. (2015).

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1371 LIBERTY CHURCH ROAD
CARROLLTON, GEORGIA

REVISIONS

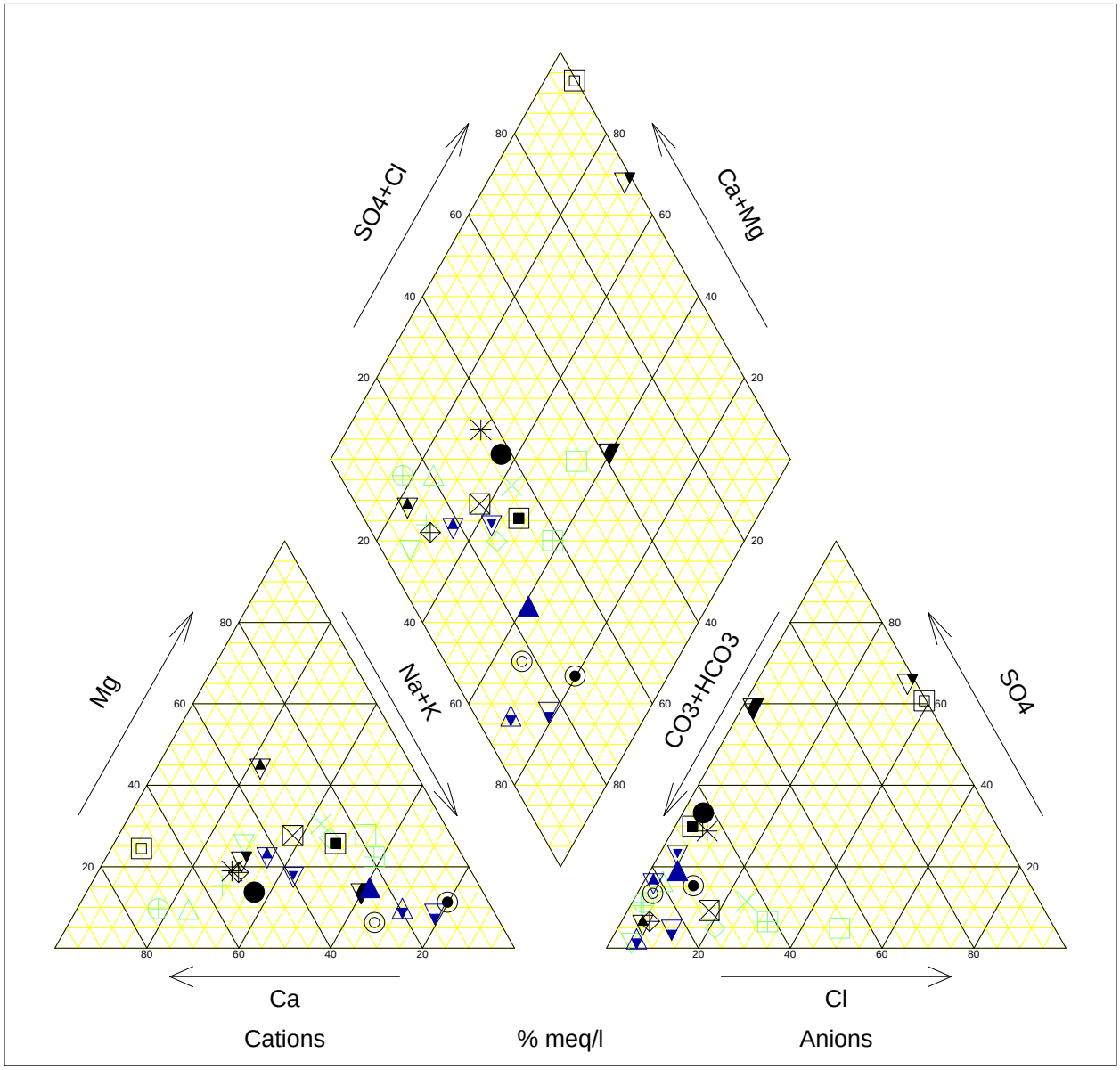
Drawn by: MM
Checked by: EP

PROJECT NUMBER:
I054-110
October 2018

PLant Wansley Ash Pond Lithologic Unit Map

FIGURE 3

Figure 4 - Wansley Ash Pond Tri-Linear Plot



WGWA-1	3/27/2018 -	3/30/2018	WGWC-12	3/27/2018 -	3/30/2018
WGWA-2	3/27/2018 -	3/30/2018	WGWC-13	3/27/2018 -	3/30/2018
WGWA-3	3/27/2018 -	3/30/2018	WGWC-14A	3/27/2018 -	3/30/2018
WGWA-4	3/27/2018 -	3/30/2018	WGWC-15	3/27/2018 -	3/30/2018
WGWA-5	3/27/2018 -	3/30/2018	WGWC-16	3/27/2018 -	3/30/2018
WGWA-6	3/27/2018 -	3/30/2018	WGWC-17	3/27/2018 -	3/30/2018
WGWA-7	3/27/2018 -	3/30/2018	WGWC-19	3/15/2018 -	3/30/2018
WGWA-18	3/27/2018 -	3/30/2018	GWC-27	3/15/2018 -	3/30/2018
WGWC-8	3/15/2018 -	3/30/2018	GWA-28	3/15/2018 -	3/30/2018
WGWC-9	3/15/2018 -	3/30/2018	GWA-29	3/15/2018 -	3/30/2018
WGWC-10	3/27/2018 -	3/30/2018	GWC-31	3/15/2018 -	3/30/2018
WGWC-11	3/27/2018 -	3/30/2018	GWC-32	3/15/2018 -	3/30/2018

Prepared by: Atlantic Coast Consulting, Inc.

APPENDIX A – Laboratory Analytical Results – Rock Samples

June 26, 2018 Service Request No:T1800765

Evan Perry
Atlantic Coast Consulting
630 Colonial Park Drive, Suite 100
Roswell, GA 30075

Laboratory Results for: Plant Wansley AP

Dear Evan,

Enclosed are the results of the sample(s) submitted to our laboratory May 03, 2018
For your reference, these analyses have been assigned our service request number **T1800765.**

All analyses were performed according to our laboratory's quality assurance program. All results are intended to be considered in their entirety, and ALS Environmental is not responsible for use of less than the complete report. Results
apply only to the items submitted to the laboratory for analysis and individual items (samples) analyzed, as listed in the report.

Respectfully submitted,

ALS Group USA, Corp. dba ALS Environmental

Ralph Poulsen

ADDRESS 3860 S. Palo Verde Road, Suite 302, Tucson, AZ 85714
PHONE +1 520 573 1061 | FAX +1 520 573 1063
ALS Group USA, Corp.
dba ALS Environmental

Client: Atlantic Coast Consulting **Service Request:**T1800765
Project: Plant Wansley AP/1054-110 Wansley Task 6

SAMPLE CROSS-REFERENCE

SAMPLE #	CLIENT SAMPLE ID	DATE	TIME
T1800765-001	APD-5D-Qtzite-90-91	5/1/2018	1330
T1800765-002	APC-6D-Sch/Gn-33-34	5/1/2018	1335
T1800765-003	APC-6D-Maf Gn-47-48	5/1/2018	1340
T1800765-004	PB-3-LI Gneiss-56-57	5/1/2018	1345
T1800765-005	PB-4-LI Gneiss-49-50	5/1/2018	1350
T1800765-006	PB-8-Sch/Amp-123-124	5/1/2018	1355
T1800765-007	PB-9-Sch/Amp-65-66	5/1/2018	1400

Chain of Custody

ALS Environmental - Tucson
ADDRESS 3860 S. Palo Verde Road, Suite 302, Tucson, AZ 85714
PHONE +1 520 573 1061 FAX +1 520 573 1063
ALS Group

Work Order No.: T1800765 5
Atlantic Coast Consulting
Plant Wansley AP

Project Manager:	Evan Perry	Bill to:	Evan Perry
Client Name:	Atlantic Coast Consulting, Inc.	Company:	Atlantic Coast Consulting, Inc.
Address:	630 Colonial Park Drive	Address:	630 Colonial Park Drive
City, State ZIP:	Roswell, GA 30075	City, State ZIP:	Roswell, GA 30075
Email:	eperry@atlcc.net Phone: 770-312-9899	Email:	eperry@atlcc.net Phone: 770-312-9899
Project Name:	Plant Wansley AP		
Project Number:	I054-110 Wansley Task 6		
P.O. Number:			
Sampler's Name:	Evan Perry		

SAMPLE RECEIPT

Temperature (C):		Temp Blank Present		
Received Intact:	Yes	No	N/A	Wet Ice / Blue Ice
Cooler Custody Seals:	Yes	No	N/A	Total Containers:
Sample Custody Seals:	Yes	No	N/A	

REQUESTED ANALYSIS

Sample Identification	Matrix	Date Sampled	Time Sampled	Lab ID	No. of Containers	Prep Grind <1 mm - D346 / E829	Moisture, Total - D3173 / E871	Moisture, KF - D5530 mod	Ash - D3174 / D1102 / D482	Heating Value - D5865 / E711 / D4809	Black Liquor HHV & Solids - T 650 & T684	Prox (Moist, Ash, VM, FC) - D7582	Ultimate (CHNOS Ash) - D3176	Carbon, Total - D6316 / D5373 / E1915	Carbon, Combustible - D6316	CHN - D5373 / D5291	Oxygen - D5373 mod.	Sulfur, Total - D4239 / E1915 / D1552	Halogens (Br Cl F) - 5050 / 9056	Mercury - D6722	Metals - Ash Analysis - D6349 *	Metals - Total Dissolution **			Comments
APC-5D-Qtzite-90-91	Rock	5/1/2018	1330	001		x													x	x		x			
APC-6D-Sch/Gn-33-34	Rock	5/1/2018	1335	002		x													x	x		x			
APC-6D-Maf Gn-47-48	Rock	5/1/2018	1340	003		x													x	x		x			
PB-3-Li Gneiss-56-57	Rock	5/1/2018	1345	004		x													x	x		x			
PB-4-Li Gneiss-49-50	Rock	5/1/2018	1350	005		x													x	x		x			
PB-8-Sch/Amp-123-124	Rock	5/1/2018	1355	006		x													x	x		x			
PB-9-Sch/Amp-65-66	Rock	5/1/2018	1400	007		x													x	x		x			

TAT
- [x] Routine
- [ ] Same Day *
- [ ] Next Day *
- [ ] 3 Day*
- [ ] 6 Day*

* Please call for availability. Rush charges will apply.

Due Date:

* Metals Ash Analysis - D6349	Al, Ba, Ca, Fe, Mg, Mn, P, K, Si, Na, Sr, Ti plus Total S
** Metal Scan - Total	Ag, Al, As, B, Ba, Be, Ca, Cd, Co, Cr, Cu, Fe, K, Li, Mg, Mn, Mo, Na, Ni, P, Pb, Sb, Se, Si, Sn, Sr, Ti, V, Zn, Zr

Additional Methods Available Upon Request

RELINQUISHED BY			RECEIVED BY		
Print Name	Signature	Date/Time	Print Name	Signature	Date/Time
Evan Perry	Evan Perry	05/1/18 / 1615		Cynthia Yeagh	
				MAY 03 2018	

Revised: 5/1/2018

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F: +1 520 573 1063
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Sample Receipt Form

T1800765 5
Atlantic Coast Consulting
Plant Wansley AP

Client/Project: Atlantic Coast Consulting Work Order Number:

Received by: Cynthia Vroegh Date & Time: 5/3/18 0928 Matrix: Solid

Samples were received via?: FedEx Samples were received in: Cooler

Were custody seals on containers? ○ Yes ◉ No ○ NA If yes, how many and where?

If present were custody seals intact? ○ Yes ◉ No If present, were they signed and dated? ○ Yes ◉ No

Arrival Temp C	Temp Blank C	Tracking Number
ambient	na	7721 2724 5454

Packing material used? Bags | cardboard | | |

Did all the bottles arrive in good condition (unbroken)? ◉ Yes ○ No ○ NA If No, record comments below

Did all sample labels and tags agree with COC? ◉ Yes ○ No ○ NA If No, record discrepancies below

Were all the appropriate containers and volumes received for the tests indicated? ◉ Yes ○ No ○ NA

Are samples received deemed acceptable? ◉ Yes ○ No

Comments:
7 - small ziploc bags with ROCK

Notes, discrepancies, & resolutions:

As a part of ISO 17025 protocols, ALS must notify clients that the quoted analytical methods performed by ALS may have minor modifications from the methods as published. These modifications are written into our Standard Operating Procedures and do not impact the quality of the data. Receipt of this document will be considered an acceptance of the procedures used by the laboratory for analysis unless notified by the client.
Modifications may include, but are not limited to:

- The analysis of a sample matrix that differs from that stated in the published method (example - ASTM D5865 Standard Test Method for Gross Calorific Value of Coal and Coke is used for other matrices such as biomass, Tire Derived Fuel, etc.).
- Analyzing a sample mass that differs from those in the published method (example - to accommodate samples with high concentrations of analyte, samples of limited volume, or to comply with the instrument manufacturer's operating guidelines).
- Instruments used for the analysis may differ from those listed in the published method (example - using ICP-OES when the method references flame Atomic Absorption Spectroscopy)

Client: Atlantic Coast Consulting
630 Colonial Park Drive, Suite 100
Roswell, GA 30075
Attn: Evan Perry
Project: Plant Wansley AP **Date Received:** May 3, 2018

Certificate of Analysis

Sample ID:	Sample Date and Time:		Lab #:		Flourine, Total 5050/9056 As Received mg/kg	Mercury, Total D6722 As Received ppb	
APD-5D-Qtzite-90-91	5/1/18	1330	T1800765-001		30	<1	
APC-6D-Sch/Gn-33-34	5/1/18	1335	T1800765-002		<5	<1	
APC-6D-Maf Gn-47-48	5/1/18	1340	T1800765-003		<5	<1	
PB-3-LI Gneiss-56-57	5/1/18	1345	T1800765-004		30	<1	
PB-4-LI Gneiss-49-50	5/1/18	1350	T1800765-005		16	<1	
PB-8-Sch/Amp-123-124	5/1/18	1355	T1800765-006		<5	<1	
PB-9-Sch/Amp-65-66	5/1/18	1400	T1800765-007		<5	<1	

Notes:
Samples were air dried then ground to < 60 mesh prior to analysis.

Client: Atlantic Coast Consulting
630 Colonial Park Drive, Suite 100
Roswell, GA 30075

Attn: Evan Perry
Project: Plant Wansley AP

Date Received: May 3, 2018

Certificate of Analysis

Total Metals in Ash by ICP-OES ASTM D6349	ID	APD-5D-Qtzite-90-91			APC-6D-Sch/Gn-33-34			APC-6D-Maf Gn-47-48		
	Units	T1800765-001	Oxides		T1800765-002	Oxides		T1800765-003	Oxides	
Aluminum	wt %	7.56	Al2O3	14.29	10.68	Al2O3	20.19	8.06	Al2O3	15.23
Barium	wt %	0.13	BaO	0.14	0.04	BaO	0.05	0.08	BaO	0.09
Calcium	wt %	0.80	CaO	1.12	3.36	CaO	4.70	2.09	CaO	2.93
Iron	wt %	1.00	Fe2O3	1.43	5.71	Fe2O3	8.16	4.58	Fe2O3	6.55
Magnesium	wt %	0.18	MgO	0.30	1.55	MgO	2.57	1.13	MgO	1.88
Manganese	wt %	0.01	Mn3O4	0.02	0.11	Mn3O4	0.15	0.08	Mn3O4	0.12
Phosphorus	wt %	0.03	P2O5	0.07	0.08	P2O5	0.18	0.04	P2O5	0.10
Potassium	wt %	4.15	K2O	5.00	1.50	K2O	1.80	2.25	K2O	2.72
Silicon	wt %	32.19	SiO2	68.86	24.39	SiO2	52.16	27.96	SiO2	59.81
Sodium	wt %	2.58	Na2O	3.48	3.55	Na2O	4.78	1.39	Na2O	1.88
Strontium	wt %	0.02	SrO	0.03	0.05	SrO	0.06	0.03	SrO	0.03
Titanium	wt %	0.13	TiO2	0.21	0.80	TiO2	1.33	0.47	TiO2	0.78
Chromium	wt %	0.00	CrO4	0.00	0.01	CrO4	0.02	0.01	CrO4	0.01
Cobalt	wt %	< 0.01	Co3O4	0.00	< 0.01	Co3O4	0.00	< 0.01	Co3O4	0.00
Copper	wt %	< 0.00	CuO	0.00	0.01	CuO	0.01	0.01	CuO	0.01
Zinc	wt%	0.01	ZnO	0.01	0.01	ZnO	0.02	0.01	ZnO	0.01
Vanadium	wt%	0.00	V2O5	0.00	0.02	V2O5	0.03	0.02	V2O5	0.03
Summation	wt%		Total	95.0		Total	96.2		Total	92.2

Note: Values reported on a moisture free wt% of ash

Samples were ashed at 950°C. Approximately 50 mg of ash was digested with HNO3, HCl and HF acids, neutralized with Boric Acid, and analyzed by ICP-OES. Sulfur and Carbon in ash were analyzed by high-temperature combustion followed by IR detection (ASTM E1915)

Summation of Oxides may not equal 100% due to analytical error and/or elements present in sample but not analyzed. Samples with high concentrations of Carbon (in the form of carbonates) and/or Sulfur can have significant impacts on the metal to oxide calculation and summation.

Client: Atlantic Coast Consulting
630 Colonial Park Drive, Suite 100
Roswell, GA 30075

Attn: Evan Perry
Project: Plant Wansley AP

Date Received: May 3, 2018

Certificate of Analysis

Total Metals in Ash by ICP-OES ASTM D6349	ID	PB-3-LI Gneiss-56-57			PB-4-LI Gneiss-49-50			PB-8-Sch/Amp-123-124		
	Units	T1800765-004	Oxides		T1800765-005	Oxides		T1800765-006	Oxides	
Aluminum	wt %	6.70	Al2O3	12.67	6.80	Al2O3	12.84	7.71	Al2O3	14.57
Barium	wt %	0.01	BaO	0.01	0.02	BaO	0.02	0.06	BaO	0.07
Calcium	wt %	0.51	CaO	0.71	0.26	CaO	0.37	0.88	CaO	1.23
Iron	wt %	0.83	Fe2O3	1.18	0.49	Fe2O3	0.70	4.20	Fe2O3	6.00
Magnesium	wt %	0.08	MgO	0.13	0.05	MgO	0.08	1.19	MgO	1.97
Manganese	wt %	0.04	Mn3O4	0.06	0.02	Mn3O4	0.02	0.05	Mn3O4	0.07
Phosphorus	wt %	< 0.01	P2O5	0.00	< 0.02	P2O5	0.00	0.07	P2O5	0.15
Potassium	wt %	4.08	K2O	4.92	4.88	K2O	5.87	2.61	K2O	3.14
Silicon	wt %	31.67	SiO2	67.74	31.64	SiO2	67.68	29.18	SiO2	62.43
Sodium	wt %	2.60	Na2O	3.50	2.23	Na2O	3.01	1.87	Na2O	2.52
Strontium	wt %	0.00	SrO	0.00	0.00	SrO	0.00	0.01	SrO	0.02
Titanium	wt %	0.08	TiO2	0.13	0.08	TiO2	0.14	0.49	TiO2	0.82
Chromium	wt %	0.00	CrO4	0.00	< 0.00	CrO4	0.00	0.01	CrO4	0.02
Cobalt	wt %	< 0.01	Co3O4	0.00	< 0.01	Co3O4	0.00	< 0.01	Co3O4	0.00
Copper	wt %	< 0.00	CuO	0.00	< 0.00	CuO	0.00	0.00	CuO	0.00
Zinc	wt%	0.00	ZnO	0.00	< 0.00	ZnO	0.00	0.01	ZnO	0.01
Vanadium	wt%	< 0.00	V2O5	0.00	< 0.00	V2O5	0.00	0.01	V2O5	0.02
Summation	wt%		Total	91.1		Total	90.7		Total	93.1

Note: Values reported on a moisture free wt% of ash

Samples were ashed at 950°C. Approximately 50 mg of ash was digested with HNO3, HCl and HF acids, neutralized with Boric Acid, and analyzed by ICP-OES. Sulfur and Carbon in ash were analyzed by high-temperature combustion followed by IR detection (ASTM E1915)

Summation of Oxides may not equal 100% due to analytical error and/or elements present in sample but not analyzed. Samples with high concentrations of Carbon (in the form of carbonates) and/or Sulfur can have significant impacts on the metal to oxide calculation and summation.

Client: Atlantic Coast Consulting
630 Colonial Park Drive, Suite 100
Roswell, GA 30075

Attn: Evan Perry
Project: Plant Wansley AP

Date Received: May 3, 2018

Certificate of Analysis

Total Metals in Ash by ICP-OES ASTM D6349	ID	PB-9-Sch/Amp-65-66					
	Units	T1800765-007	Oxides				
Aluminum	wt %	9.03	Al2O3	17.06			
Barium	wt %	0.08	BaO	0.09			
Calcium	wt %	0.98	CaO	1.37			
Iron	wt %	5.18	Fe2O3	7.41			
Magnesium	wt %	1.44	MgO	2.39			
Manganese	wt %	0.05	Mn3O4	0.07			
Phosphorus	wt %	0.07	P2O5	0.17			
Potassium	wt %	3.10	K2O	3.74			
Silicon	wt %	29.27	SiO2	62.61			
Sodium	wt %	1.71	Na2O	2.31			
Strontium	wt %	0.01	SrO	0.02			
Titanium	wt %	0.56	TiO2	0.93			
Chromium	wt %	0.01	CrO4	0.02			
Cobalt	wt %	< 0.01	Co3O4	0.00			
Copper	wt %	0.01	CuO	0.01			
Zinc	wt%	0.01	ZnO	0.02			
Vanadium	wt%	0.01	V2O5	0.02			
Summation	wt%		**Total**	98.2			

Note: Values reported on a moisture free wt% of ash

Samples were ashed at 950°C. Approximately 50 mg of ash was digested with HNO3, HCl and HF acids, neutralized with Boric Acid, and analyzed by ICP-OES. Sulfur and Carbon in ash were analyzed by high-temperature combustion followed by IR detection (ASTM E1915)

Summation of Oxides may not equal 100% due to analytical error and/or elements present in sample but not analyzed. Samples with high concentrations of Carbon (in the form of carbonates) and/or Sulfur can have significant impacts on the metal to oxide calculation and summation.

Client: Atlantic Coast Consulting
630 Colonial Park Drive, Suite 100
Roswell, GA 30075

Attn: Evan Perry
Project: Plant Wansley AP **Date Received:** May 3, 2018

Certificate of Analysis

Total Metals by ICP-OES	ID	APD-5D-Qtzite-90-91	APC-6D-Sch/Gn-33-34	APC-6D-Maf Gn-47-48	PB-3-LI Gneiss-56-57	PB-4-LI Gneiss-49-50
	Units	T1800765-001	T1800765-002	T1800765-003	T1800765-004	T1800765-005
Aluminum	Wt%	7.564	10.683	8.058	6.704	6.795
Antimony	Wt%	< 0.010	< 0.010	< 0.026	< 0.010	< 0.023
Arsenic	Wt%	< 0.002	< 0.002	< 0.005	< 0.002	< 0.005
Barium	Wt%	0.127	0.044	0.080	0.007	0.015
Beryllium	Wt%	< 0.000	< 0.000	< 0.001	0.001	< 0.001
Cadmium	Wt%	< 0.001	< 0.001	< 0.003	< 0.001	< 0.002
Calcium	Wt%	0.800	3.357	2.092	0.505	0.262
Chromium	Wt%	0.002	0.007	0.006	0.002	< 0.002
Cobalt	Wt%	< 0.005	< 0.005	< 0.013	< 0.005	< 0.012
Copper	Wt%	< 0.001	0.006	0.007	< 0.001	< 0.002
Iron	Wt%	0.998	5.708	4.584	0.825	0.491
Lead	Wt%	0.003	< 0.002	< 0.005	0.003	< 0.005
Lithium	Wt%	0.003	< 0.003	< 0.008	< 0.003	< 0.007
Magnesium	Wt%	0.184	1.549	1.135	0.077	0.047
Manganese	Wt%	0.014	0.111	0.084	0.044	0.017
Molybdenum	Wt%	< 0.010	< 0.010	< 0.026	< 0.010	< 0.023
Nickel	Wt%	< 0.005	< 0.005	< 0.013	< 0.005	< 0.012
Phosphorus	Wt%	0.030	0.078	0.045	< 0.010	< 0.023
Potassium	Wt%	4.154	1.498	2.255	4.081	4.877
Selenium	Wt%	< 0.005	< 0.005	< 0.013	< 0.005	< 0.012
Silicon	Wt%	32.190	24.385	27.961	31.667	31.637
Sodium	Wt%	2.583	3.549	1.392	2.597	2.233
Strontium	Wt%	0.022	0.051	0.027	0.003	0.004
Thallium	Wt%	< 0.052	< 0.052	< 0.064	< 0.054	< 0.059
Tin	Wt%	< 0.002	< 0.002	< 0.005	< 0.002	< 0.005
Titanium	Wt%	0.126	0.797	0.468	0.080	0.082
Vanadium	Wt%	0.001	0.016	0.015	< 0.001	< 0.002
Zinc	Wt%	0.007	0.012	0.010	0.003	< 0.005
Zirconium	Wt%	0.016	0.023	0.010	0.008	0.010

Note: Values reported on an as received basis.

Client: Atlantic Coast Consulting
630 Colonial Park Drive, Suite 100
Roswell, GA 30075

Attn: Evan Perry
Project: Plant Wansley AP **Date Received:** May 3, 2018

Certificate of Analysis

Total Metals by ICP-OES	ID	PB-8-Sch/Amp-123-124	PB-9-Sch/Amp-65-66			
	Units	T1800765-006	T1800765-007			
Aluminum	Wt%	7.7133	9.0273			
Antimony	Wt%	< 0.0107	< 0.0106			
Arsenic	Wt%	< 0.0021	< 0.0021			
Barium	Wt%	0.0621	0.0765			
Beryllium	Wt%	< 0.0003	< 0.0003			
Cadmium	Wt%	< 0.0011	< 0.0011			
Calcium	Wt%	0.8794	0.9796			
Chromium	Wt%	0.0078	0.0076			
Cobalt	Wt%	< 0.0053	< 0.0053			
Copper	Wt%	0.0035	0.0057			
Iron	Wt%	4.1985	5.1843			
Lead	Wt%	< 0.0021	< 0.0021			
Lithium	Wt%	0.0116	0.0063			
Magnesium	Wt%	1.1887	1.4433			
Manganese	Wt%	0.0503	0.0524			
Molybdenum	Wt%	< 0.0107	< 0.0106			
Nickel	Wt%	< 0.0053	< 0.0053			
Phosphorus	Wt%	0.0675	0.0727			
Potassium	Wt%	2.6055	3.1012			
Selenium	Wt%	< 0.0053	< 0.0053			
Silicon	Wt%	29.1831	29.2699			
Sodium	Wt%	1.8700	1.7118			
Strontium	Wt%	0.0132	0.0138			
Thallium	Wt%	< 0.0517	< 0.0527			
Tin	Wt%	< 0.0021	< 0.0021			
Titanium	Wt%	0.4937	0.5585			
Vanadium	Wt%	0.0109	0.0125			
Zinc	Wt%	0.0115	0.0121			
Zirconium	Wt%	0.0170	0.0188			

Note: Values reported on an as received basis.

Subcontracted Work
ALS Environmental - Ft. Collins, Colorado

Monday, June 18, 2018

Ralph Poulsen
ALS Environmental
3860 S. Palo Verde Rd.
Tucson, AZ 85714

Re: ALS Workorder: 1805279
Project Name:
Project Number: T1800765

Dear Mr. Poulsen:

Seven solid samples were received from ALS Environmental, on 5/14/2018. The samples were scheduled for the following analysis:

Gamma Spectroscopy

The results for these analyses are contained in the enclosed reports.

The data contained in the following report have been reviewed and approved by the personnel listed below. In addition, ALS certifies that the analyses reported herein are true, complete and correct within the limits of the methods employed.

Thank you for your confidence in ALS Environmental. Should you have any questions, please call.

Sincerely,

ALS Environmental
Jeff R. Kujawa
Project Manager

ALS Environmental – Fort Collins is accredited by the following accreditation bodies for various testing scopes in accordance with requirements of each accreditation body. All testing is performed under the laboratory management system, which is maintained to meet these requirement and regulations. Please contact the laboratory or accreditation body for the current scope testing parameters.

ALS Environmental – Fort Collins	
Accreditation Body	License or Certification Number
AIHA	214884
Alaska (AK)	UST-086
Alaska (AK)	CO01099
Arizona (AZ)	AZ0742
California (CA)	06251CA
Colorado (CO)	CO01099
Connecticut (CT)	PH-0232
Florida (FL)	E87914
Idaho (ID)	CO01099
Kansas (KS)	E-10381
Kentucky (KY)	90137
L-A-B (DoD ELAP/ISO 170250)	L2257
Louisiana (LA)	05057
Maryland (MD)	285
Missouri (MO)	175
Nebraska(NE)	NE-OS-24-13
Nevada (NV)	CO000782008A
New York (NY)	12036
North Dakota (ND)	R-057
Oklahoma (OK)	1301
Pennsylvania (PA)	68-03116
Tennessee (TN)	2976
Texas (TX)	T104704241
Utah (UT)	CO01099
Washington (WA)	C1280

1805279

Gamma Spectroscopy:

The samples were analyzed for the presence of gamma emitting radionuclides according to the current revision of SOP 713 .

These samples were prepared according to the current revision of SOP 739. The samples were sealed in steel cans and stored for at least 21 days prior to analysis.

Activity concentrations above the calculated MDC are reported in some instances where minimum nuclide identification criteria are not met. Such tentative identifications result when the software attempts to calculate net activity concentrations for analytes where either one or both of the following criteria are not satisfied: the 'diagnostic' peak for a nuclide must be identified above the critical level, or the minimum library peak abundance must be attained. Nuclides not meeting these requirements have been flagged with a "TI" qualifier.

In cases where there are no peaks found in the peak search routine, the software performs a net quantification. This indicates that nuclides are not detected or supported at any level above the reported MDC. Consequently, these nuclides are flagged with an "NQ" qualifier on the final reports. Please refer to the Technical Bulletin Addendum at the end of this report.

All acceptance criteria were met.

ALS -- Fort Collins

Sample Number(s) Cross-Reference Table

OrderNum: 1805279
Client Name: ALS Environmental
Client Project Name:
Client Project Number: T1800765
Client PO Number: 56T1800765

Client Sample Number	Lab Sample Number	COC Number	Matrix	Date Collected	Time Collected
APD-5D-Qtzite-90-91	1805279-1		SOLID	01-May-18	13:30
APC-6D-Sch/Gn-33-34	1805279-2		SOLID	01-May-18	13:35
APC-6D-Maf Gn-47-48	1805279-3		SOLID	01-May-18	13:40
PB-3-LI Gnesiss-56-57	1805279-4		SOLID	01-May-18	13:45
PB-4LI Gneiss-49-50	1805279-5		SOLID	01-May-18	13:50
PB-8-Sch/Amp-123-124	1805279-6		SOLID	01-May-18	13:55
PB-9-Sch/Amp-65-66	1805279-7		SOLID	01-May-18	14:00

ALS Environmental Chain of Custody

3860 S. Palo Verde Rd. • Tucson, AZ 85714 • 520-573-1061 • FAX 520-623-9218

ALS Contact: Ralph Poulsen

1805279

Project Number: T1800765
Project Manager: Ralph Poulsen
QAP: LAB QAP

	Lab Code	Sample ID	# of Cont.	Matrix	Sample Date	Sample Time	Lab ID	Gamma Spec 901.1
1	T1800765-001	APD-5D-Qtzite-90-91		Solid	5/1/18	1330	Fort Collins ALS	X
2	T1800765-002	APC-6D-Sch/Gn-33-34		Solid	5/1/18	1335	Fort Collins ALS	X
3	T1800765-003	APC-6D-Maf Gn-47-48		Solid	5/1/18	1340	Fort Collins ALS	X
4	T1800765-004	PB-3-LI Gneiss-56-57		Solid	5/1/18	1345	Fort Collins ALS	X
5	T1800765-005	PB-4-LI Gneiss-49-50		Solid	5/1/18	1350	Fort Collins ALS	X
6	T1800765-006	PB-8-Sch/Amp-123-124		Solid	5/1/18	1355	Fort Collins ALS	X
7	T1800765-007	PB-9-Sch/Amp-65-66		Solid	5/1/18	1400	Fort Collins ALS	X

Special Instructions/Comments
Send reports and invoices to: TUC.Reporting@ALSGlobal.com

H - Test is On Hold P - Test is Authorized for Prep Only

Turnaround Requirements
____ **RUSH** (Surcharges Apply)
PLEASE CIRCLE WORK DAYS
1 2 3 4 5
____ **STANDARD**
Requested FAX Date: _____
Requested Report Date: 05/29/18

Report Requirements
____ I. Results Only
____ II. Results + QC Summaries
____ III. Results + QC and Calibration Summaries
____ IV. Data Validation Report with Raw Data
PQL/MDL/J N
EDD N

Invoice Information
PO# 56T1800765
Bill to

Relinquished By: Cynthia Vraeh
MAY 11 2018

Received By: KELI-JEAN SMITH
5-14-18 0955

Airbill Number:

ALS Environmental - Fort Collins
CONDITION OF SAMPLE UPON RECEIPT FORM

Client: ALS AZ Workorder No: 1805279

Project Manager: _____ Initials: KGP Date: 5/14/18

1.	Does this project require any special handling in addition to standard ALS procedures?		YES	NO
2.	Are custody seals on shipping containers intact?	NONE	YES	NO
3.	Are Custody seals on sample containers intact?	NONE	YES	NO
4.	Is there a COC (Chain-of-Custody) present or other representative documents?		YES	NO
5.	Are the COC and bottle labels complete and legible?		YES	NO
6.	Is the COC in agreement with samples received? (IDs, dates, times, no. of samples, no. of containers, matrix, requested analyses, etc.)		YES	NO
7.	Were airbills / shipping documents present and/or removable?	DROP OFF	YES	NO
8.	Are all aqueous samples requiring preservation preserved correctly? (excluding volatiles)	N/A	YES	NO
9.	Are all aqueous non-preserved samples pH 4-9?	N/A	YES	NO
10.	Is there sufficient sample for the requested analyses?		YES	NO
11.	Were all samples placed in the proper containers for the requested analyses?		YES	NO
12.	Are all samples within holding times for the requested analyses?		YES	NO
13.	Were all sample containers received intact? (not broken or leaking, etc.)		YES	NO
14.	Are all samples requiring no headspace (VOC, GRO, RSK/MEE, Rx CN/S, radon) headspace free? Size of bubble: ____ < green pea ____ > green pea	N/A	YES	NO
15.	Do any water samples contain sediment? Amount of sediment: ____ dusting ____ moderate ____ heavy	N/A	YES	NO
16.	Were the samples shipped on ice?		YES	NO
17.	Were cooler temperatures measured at 0.1-6.0°C? IR gun used*: #1 #3 #4	RAD ONLY*	YES	NO

Cooler #:	1							
Temperature (°C):	4.4/B							
No. of custody seals on cooler:	0							
DOT Survey/ Acceptance Information — External µR/hr reading:	11							
Background µR/hr reading:	12							

Were external µR/hr readings ≤ two times background and within DOT acceptance criteria? **YES / NO / NA** (If no, see Form 008.)

Additional Information: PROVIDE DETAILS BELOW FOR A NO RESPONSE TO ANY QUESTION ABOVE, EXCEPT #1 AND #16.

If applicable, was the client contacted? **YES / NO / NA** Contact: _____ Date/Time: _____

Project Manager Signature / Date: [signature] 5-14-18

Form 201r25.xls
(02/12/2018)

*IR Gun #1, VWR SN 170560549
*IR Gun #3, VWR SN 170647571
*IR Gun #4, Oakton, SN 2372220101-0002

1805279

ORIGIN ID:PGAA (250) 573-1041
SAMPLE MANAGEMENT
3860 S PALO VERDE RD
302
TUCSON, AZ 85714
UNITED STATES US

SHIP DATE: 11MAY18
ACTWGT: 8.05 LB
CAD: 104583340/NET3980
DIMS: 12x8x11 IN
BILL SENDER

TO SAMPLE RECEIPT
ALS FORT COLLINS
225 COMMERCE DRIVE

FORT COLLINS CO 80524
(800) 443-1511
INV
PO
REF 1180776
DEPT

FedEx Express

562J2/782B/DCA5

TUE - 15 MAY 4:30P
** 2DAY **

TRK# 0201 7722 1809 6150

ST FTCA

80524
CO-US DEN

After printing this label:
1. Use the 'Print' button on this page to print your label to your laser or inkjet printer.
2. Fold the printed page along the horizontal line.
3. Place label in shipping pouch and affix it to your shipment so that the barcode portion of the label can be read and scanned.

Warning: Use only the printed original label for shipping. Using a photocopy of this label for shipping purposes is fraudulent and could result in additional billing charges, along with the cancellation of your FedEx account number.
Use of this system constitutes your agreement to the service conditions in the current FedEx Service Guide, available on fedex.com.FedEx will not be responsible for any claim in excess of $100 per package, whether the result of loss, damage, delay, non-delivery,misdelivery,or misinformation, unless you declare a higher value, pay an additional charge, document your actual loss and file a timely claim.Limitations found in the current FedEx Service Guide apply. Your right to recover from FedEx for any loss, including intrinsic value of the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental,consequential, or special is limited to the greater of $100 or the authorized declared value. Recovery cannot exceed actual documented loss.Maximum for items of extraordinary value is $1,000, e.g. jewelry, precious metals, negotiable instruments and other items listed in our ServiceGuide. Written claims must be filed within strict time limits, see current FedEx Service Guide.

Client:	ALS Environmental	**Date:**	*18-Jun-18*
Project:	T1800765	**Work Order:**	1805279
Sample ID:	APD-5D-Qtzite-90-91	**Lab ID:**	1805279-1
Legal Location:		**Matrix:**	SOLID
Collection Date:	5/1/2018 13:30	**Percent Moisture:**	

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Gamma Spectroscopy Results		**SOP 713**		Prep Date: **5/25/2018**		PrepBy: **MRL**
Ra-226	**3.2 (+/- 0.49)**	G	**0.45**	**pCi/g**	NA	6/15/2018 06:43
Ra-228	**2.73 (+/- 0.59)**	G	**0.63**	**pCi/g**	NA	6/15/2018 06:43

Client:	ALS Environmental	**Date:**	*18-Jun-18*
Project:	T1800765	**Work Order:**	1805279
Sample ID:	APC-6D-Sch/Gn-33-34	**Lab ID:**	1805279-2
Legal Location:		**Matrix:**	SOLID
Collection Date:	5/1/2018 13:35	**Percent Moisture:**	

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Gamma Spectroscopy Results		**SOP 713**		Prep Date: **5/25/2018**		PrepBy: **MRL**
Ra-226	**1.02 (+/- 0.22)**	G	**0.32**	**pCi/g**	NA	6/15/2018 08:00
Ra-228	0.95 (+/- 0.31)	LT,G	0.43	pCi/g	NA	6/15/2018 08:00

Client:	ALS Environmental	**Date:**	*18-Jun-18*
Project:	T1800765	**Work Order:**	1805279
Sample ID:	APC-6D-Maf Gn-47-48	**Lab ID:**	1805279-3
Legal Location:		**Matrix:**	SOLID
Collection Date:	5/1/2018 13:40	**Percent Moisture:**	

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Gamma Spectroscopy Results		**SOP 713**		Prep Date: **5/25/2018**		PrepBy: **MRL**
Ra-226	0.53 (+/- 0.17)	LT,G	0.32	pCi/g	NA	6/15/2018 08:00
Ra-228	0.82 (+/- 0.27)	LT,G	0.39	pCi/g	NA	6/15/2018 08:00

Client:	ALS Environmental	**Date:**	*18-Jun-18*
Project:	T1800765	**Work Order:**	1805279
Sample ID:	PB-3-LI Gnesiss-56-57	**Lab ID:**	1805279-4
Legal Location:		**Matrix:**	SOLID
Collection Date:	5/1/2018 13:45	**Percent Moisture:**	

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Gamma Spectroscopy Results		**SOP 713**		Prep Date: **5/25/2018**		PrepBy: **MRL**
Ra-226	**4.98 (+/- 0.69)**	G	**0.49**	**pCi/g**	NA	6/15/2018 08:01
Ra-228	**3.38 (+/- 0.68)**	G	**0.73**	**pCi/g**	NA	6/15/2018 08:01

Client:	ALS Environmental	**Date:**	*18-Jun-18*
Project:	T1800765	**Work Order:**	1805279
Sample ID:	PB-4LI Gneiss-49-50	**Lab ID:**	1805279-5
Legal Location:		**Matrix:**	SOLID
Collection Date:	5/1/2018 13:50	**Percent Moisture:**	

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Gamma Spectroscopy Results		**SOP 713**		Prep Date: **5/25/2018**		PrepBy: **MRL**
Ra-226	**3.49 (+/- 0.48)**	G	**0.34**	**pCi/g**	NA	6/15/2018 08:01
Ra-228	**3.1 (+/- 0.48)**	G	**0.49**	**pCi/g**	NA	6/15/2018 08:01

Client:	ALS Environmental	**Date:**	*18-Jun-18*
Project:	T1800765	**Work Order:**	1805279
Sample ID:	PB-8-Sch/Amp-123-124	**Lab ID:**	1805279-6
Legal Location:		**Matrix:**	SOLID
Collection Date:	5/1/2018 13:55	**Percent Moisture:**	

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Gamma Spectroscopy Results		**SOP 713**		Prep Date: **5/25/2018**		PrepBy: **MRL**
Ra-226	**1.45 (+/- 0.29)**	G	**0.37**	**pCi/g**	NA	6/15/2018 08:41
Ra-228	ND (+/- 0.23)	U,G	0.38	pCi/g	NA	6/15/2018 08:41

Client:	ALS Environmental	**Date:**	*18-Jun-18*
Project:	T1800765	**Work Order:**	1805279
Sample ID:	PB-9-Sch/Amp-65-66	**Lab ID:**	1805279-7
Legal Location:		**Matrix:**	SOLID
Collection Date:	5/1/2018 14:00	**Percent Moisture:**	

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed
Gamma Spectroscopy Results		**SOP 713**		Prep Date: **5/25/2018**		PrepBy: **MRL**
Ra-226	**1.29 (+/- 0.26)**	G	**0.4**	**pCi/g**	NA	6/15/2018 08:41
Ra-228	**1.47 (+/- 0.41)**	G,TI	**0.57**	**pCi/g**	NA	6/15/2018 08:41

Client:	ALS Environmental	**Date:**	*18-Jun-18*
Project:	T1800765	**Work Order:**	1805279
Sample ID:	PB-9-Sch/Amp-65-66	**Lab ID:**	1805279-7
Legal Location:		**Matrix:**	SOLID
Collection Date:	5/1/2018 14:00	**Percent Moisture:**	

Analyses	Result	Qual	Report Limit	Units	Dilution Factor	Date Analyzed

Explanation of Qualifiers

Radiochemistry:

- "Report Limit" is the MDC
U or ND - Result is less than the sample specific MDC.
Y1 - Chemical Yield is in control at 100-110%. Quantitative yield is assumed.
Y2 - Chemical Yield outside default limits.
W - DER is greater than Warning Limit of 1.42
* - Aliquot Basis is 'As Received' while the Report Basis is 'Dry Weight'.
# - Aliquot Basis is 'Dry Weight' while the Report Basis is 'As Received'.
G - Sample density differs by more than 15% of LCS density.
D - DER is greater than Control Limit
M - Requested MDC not met.
LT - Result is less than requested MDC but greater than achieved MDC.
M3 - The requested MDC was not met, but the reported activity is greater than the reported MDC.
L - LCS Recovery below lower control limit.
H - LCS Recovery above upper control limit.
P - LCS, Matrix Spike Recovery within control limits.
N - Matrix Spike Recovery outside control limits
NC - Not Calculated for duplicate results less than 5 times MDC
B - Analyte concentration greater than MDC.
B3 - Analyte concentration greater than MDC but less than Requested MDC.

Inorganics:

B - Result is less than the requested reporting limit but greater than the instrument method detection limit (MDL).
U or ND - Indicates that the compound was analyzed for but not detected.
E - The reported value is estimated because of the presence of interference. An explanatory note may be included in the narrative.
M - Duplicate injection precision was not met.
N - Spiked sample recovery not within control limits. A post spike is analyzed for all ICP analyses when the matrix spike and or spike duplicate fail and the native sample concentration is less than four times the spike added concentration.
Z - Spiked recovery not within control limits. An explanatory note may be included in the narrative.
* - Duplicate analysis (relative percent difference) not within control limits.
S - SAR value is estimated as one or more analytes used in the calculation were not detected above the detection limit.

Organics:

U or ND - Indicates that the compound was analyzed for but not detected.
B - Analyte is detected in the associated method blank as well as in the sample. It indicates probable blank contamination and warns the data user.
E - Analyte concentration exceeds the upper level of the calibration range.
J - Estimated value. The result is less than the reporting limit but greater than the instrument method detection limit (MDL).
A - A tentatively identified compound is a suspected aldol-condensation product.
X - The analyte was diluted below an accurate quantitation level.
* - The spike recovery is equal to or outside the control criteria used.
+ - The relative percent difference (RPD) equals or exceeds the control criteria.
G - A pattern resembling gasoline was detected in this sample.
D - A pattern resembling diesel was detected in this sample.
M - A pattern resembling motor oil was detected in this sample.
C - A pattern resembling crude oil was detected in this sample.
4 - A pattern resembling JP-4 was detected in this sample.
5 - A pattern resembling JP-5 was detected in this sample.
H - Indicates that the fuel pattern was in the heavier end of the retention time window for the analyte of interest.
L - Indicates that the fuel pattern was in the lighter end of the retention time window for the analyte of interest.
Z - This flag indicates that a significant fraction of the reported result did not resemble the patterns of any of the following petroleum hydrocarbon products:
- gasoline
- JP-8
- diesel
- mineral spirits
- motor oil
- Stoddard solvent
- bunker C

QC BATCH REPORT

Batch ID: **GS180530-2-1** Instrument ID **GAMMA** Method: **Gamma Spectroscopy Results**

DUP Sample ID: **1805279-1** Units: **pCi/g** Analysis Date: **6/15/2018 08:00**
Client ID: **APD-5D-Qtzite-90-91** Run ID: **GS180530-2A** Prep Date: **5/25/2018** DF: **NA**

Analyte	Result	ReportLimit	SPK Val	SPK Ref Value	%REC	Control Limit	Decision Level	DER Ref	DER	DER Limit	Qual
Ra-226	3.13 (+/- 0.51)	0.56						3.2	0.1	2.1	G
Ra-228	3.14 (+/- 0.73)	1.06						2.73	0.4	2.1	M3,G

LCS Sample ID: **GS180530-2A** Units: **pCi/g** Analysis Date: **6/15/2018 08:42**
Client ID: Run ID: **GS180530-2A** Prep Date: **5/25/2018** DF: **NA**

Analyte	Result	ReportLimit	SPK Val	SPK Ref Value	%REC	Control Limit	Decision Level	DER Ref	DER	DER Limit	Qual
Ra-226	467 (+/- 55)	3	468.3		99.8	85-115					P,M3

LCS Sample ID: **GS180530-2** Units: **pCi/g** Analysis Date: **6/15/2018 08:41**
Client ID: Run ID: **GS180530-2A** Prep Date: **5/25/2018** DF: **NA**

Analyte	Result	ReportLimit	SPK Val	SPK Ref Value	%REC	Control Limit	Decision Level	DER Ref	DER	DER Limit	Qual
Am-241	472 (+/- 55)	2	469.4		101	85-115					P
Co-60	198 (+/- 23)	1	199.1		99.6	85-115					P
Cs-137	180 (+/- 21)	1	179.7		100	85-115					P

MB Sample ID: **GS180530-2** Units: **pCi/g** Analysis Date: **6/15/2018 08:41**
Client ID: Run ID: **GS180530-2A** Prep Date: **5/25/2018** DF: **NA**

Analyte	Result	ReportLimit	SPK Val	SPK Ref Value	%REC	Control Limit	Decision Level	DER Ref	DER	DER Limit	Qual
Ra-226	ND	0.32									U
Ra-228	0.47 (+/- 0.33)	0.43									NQ

The following samples were analyzed in this batch:

1805279-1	1805279-2	1805279-3
1805279-4	1805279-5	1805279-6
1805279-7		

TECHNICAL BULLETIN ADDENDUM

The library used for analysis defines the gamma emission(s) to be used for analysis of each nuclide. If multiple gamma emissions are used for quantification, then a 'NET' quantification emission (or peak) must be defined in the library. This designation provides for the calculation of nuclide activity concentrations and detection limits in the case of non-presence of the nuclide. When the nuclide is not present, or the software is unable to resolve a peak at the library defined 'NET' energy, the software evaluates the 'NET' region of interest ('NET' peak energy +/- 2 keV) by performing a summation of the net counts above the background level. This 'NET' quantification can result in net negative, zero, or positive activity results, and is highly dependent on the spectral distribution in the region of interest of the 'NET' peak. In cases where only the 'NET' peak is found, and the software performs a net quantification, the nuclide result will be flagged with an 'NQ' qualifier on the final reports. This indicates that the nuclide is not detected or supported at any level above the reported MDC. Results are submitted without further qualification.

All nuclides specified in the library of analysis for gamma spectroscopy are evaluated for positive OR tentative identification on the following criteria:

- The individual abundances for the gamma emissions specified for each nuclide are summed to obtain a total nuclide abundance.
- From the total nuclide abundance, a positive identification criterion is set as 75% of this total nuclide abundance.
- For all nuclide peaks that are not net quantified, those peak abundances are summed. The total non-net quantified peak sum is compared to the calculated 75% abundance criterion. If this sum is greater than the 75% criterion, the nuclide is considered to be positively identified at the reported concentration. If the sum is less than the 75% criterion, the nuclide is tentatively identified at the reported concentration. These results will be flagged with a 'TI' qualifier on the final reports to indicate that the 75% abundance criterion was not met.

GEOCHEMICAL TESTING
Environmental and Energy Analysis

2005 N. Center Ave.
Somerset, PA 15501

814/443-1671
814/445-6666
FAX: 814/445-6729

Wednesday, January 2, 2019

EVAN PERRY
ATLANTIC COAST CONSULTING
630 COLONIAL PARK DRIVE
ROSWELL, GA 30075

RE: Plant Wansley ASD Order No.: G1812C84

Dear EVAN PERRY:

Geochemical Testing received 5 sample(s) on 12/21/2018 for the analyses presented in the following report.

There were no problems with the analyses and all QC data met NELAC, EPA, and laboratory specifications except where noted in the Case Narrative or Laboratory Results.

If you have any questions regarding these tests results, please feel free to call.

Sincerely,

Timothy W. Bergstresser
Director of Technical Services

ACCREDITED IN ACCORDANCE WITH nelac
I.D. 56-00306PA DEP

Geochemical Testing

Date: *02-Jan-19*

CLIENT: ATLANTIC COAST CONSULTING
Project: Plant Wansley ASD
Lab Order: G1812C84 PWS: 9999999

CASE NARRATIVE

No problems were encountered during analysis of this workorder, except if noted in this report.

SAMPLE RECEIPT CHECKLIST

	Response
COC is present	Yes
COC is filled out in ink and legible	Yes
COC relinquished, signature, date, and time	Yes
Samples arrived within hold time	Yes
Containers properly preserved for the requested testing	Yes
Sample containers have legible labels	Yes
Sample preservation verified	Yes
Appropriate sample containers are used	Yes
Sample container(s) received at proper temperature	Yes
Zero headspace where required	Yes
Sufficient volume for all requested analyses	Yes

Comments on the above checklist: None

Legend:
ND - Not Detected
J - Indicates an estimated value.
U - The analyte was not detected at or above the listed concentration, which is below the laboratory quantitation limit.
B - Analyte detected in the associated Method Blank
Q - Qualifier QL -Quantitation Limit DF - Dilution Factor
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
** - Value exceeds Action Limit
H - Method Hold Time Exceeded
MCL - Contaminant Limit

I.D. 56-00306 PA DEP

Laboratory Results

Geochemical Testing

Date: *02-Jan-19*

CLIENT:	ATLANTIC COAST CONSULTING	**Client Sample ID:**	WGWC-19-77'-78'
Lab Order:	G1812C84		
Project:	Plant Wansley ASD	**Sampled By:**	Atlantic Coast Consulting
Lab ID:	G1812C84-001	**Collection Date:**	12/20/2018 11:25:00 A
Matrix:	SOLID	**Received Date:**	12/21/2018 1:01:16 PM

Analyses	Result	QL	Q	Units	DF	Date Prepared	Date Analyzed
TOTAL METALS		Analyst: **JEK**				**EPA 3050**	**EPA 6010**
Lithium	54.4	1.0		mg/Kg-dry	1	12/27/18 12:30 PM	12/28/18 5:56 PM

I.D. 56-00306 PA DEP

Laboratory Results

Geochemical Testing

Date: *02-Jan-19*

CLIENT:	ATLANTIC COAST CONSULTING	**Client Sample ID:**	WGWC-19-82'-83'
Lab Order:	G1812C84		
Project:	Plant Wansley ASD	**Sampled By:**	Atlantic Coast Consulting
Lab ID:	G1812C84-002	**Collection Date:**	12/20/2018 11:30:00 A
Matrix:	SOLID	**Received Date:**	12/21/2018 1:01:16 PM

Analyses	Result	QL	Q	Units	DF	Date Prepared	Date Analyzed
TOTAL METALS		Analyst: **JEK**				**EPA 3050**	**EPA 6010**
Lithium	60.3	1.0		mg/Kg-dry	1	12/27/18 12:30 PM	12/28/18 6:00 PM

I.D. 56-00306 PA DEP

Laboratory Results

Geochemical Testing

Date: *02-Jan-19*

CLIENT:	ATLANTIC COAST CONSULTING	**Client Sample ID:**	WGWC-19-85'-86'
Lab Order:	G1812C84		
Project:	Plant Wansley ASD	**Sampled By:**	Atlantic Coast Consulting
Lab ID:	G1812C84-003	**Collection Date:**	12/20/2018 11:35:00 A
Matrix:	SOLID	**Received Date:**	12/21/2018 1:01:16 PM

Analyses	Result	QL	Q	Units	DF	Date Prepared	Date Analyzed
TOTAL METALS		Analyst: **JEK**				**EPA 3050**	**EPA 6010**
Lithium	39.4	1.0		mg/Kg-dry	1	12/27/18 12:30 PM	12/28/18 6:05 PM

I.D. 56-00306 PA DEP

Laboratory Results

Geochemical Testing

Date: *02-Jan-19*

CLIENT:	ATLANTIC COAST CONSULTING	**Client Sample ID:**	WGWC-19-88'-89'
Lab Order:	G1812C84		
Project:	Plant Wansley ASD	**Sampled By:**	Atlantic Coast Consulting
Lab ID:	G1812C84-004	**Collection Date:**	12/20/2018 11:40:00 A
Matrix:	SOLID	**Received Date:**	12/21/2018 1:01:16 PM

Analyses	Result	QL	Q	Units	DF	Date Prepared	Date Analyzed
TOTAL METALS		Analyst: **JEK**				**EPA 3050**	**EPA 6010**
Lithium	97.0	1.0		mg/Kg-dry	1	12/27/18 12:30 PM	12/28/18 6:14 PM

I.D. 56-00306 PA DEP

Laboratory Results

Geochemical Testing

Date: *02-Jan-19*

CLIENT:	ATLANTIC COAST CONSULTING	**Client Sample ID:**	WGWC-19-91'-92'
Lab Order:	G1812C84		
Project:	Plant Wansley ASD	**Sampled By:**	Atlantic Coast Consulting
Lab ID:	G1812C84-005	**Collection Date:**	12/20/2018 11:45:00 A
Matrix:	SOLID	**Received Date:**	12/21/2018 1:01:16 PM

Analyses	Result	QL	Q	Units	DF	Date Prepared	Date Analyzed
TOTAL METALS		Analyst: **JEK**				**EPA 3050**	**EPA 6010**
Lithium	80.0	1.0		mg/Kg-dry	1	12/27/18 12:30 PM	12/28/18 6:40 PM

I.D. 56-00306 PA DEP

Shuttle/Cooler ID#:	**CHAIN OF CUSTODY**	Geochemical Testing

Form F-5002, 04.13

Geochemical Testing • 2005 North Center Avenue • Somerset PA 15501 • (814) 443-1671 • Fax (814) 445-6729

Billing Client: Atlantic Coast Consulting	**Contact (Company):** Evan Perry	**Phone:** (770) 594-5998
Address: 630 Colonial Park Dr.	e-mail: eperry@acc.net	Fax: (—)
City: Roswell **State:** GA **Zip:** 30075	**Sampled by:** Ryan Walker	**Preservatives by** —Sampler—GT
WO#: 618120C84	Project: Plant Wansley ASD	PO/Quote#:

Sample Matrix:	**GW** Ground Water	**SW** Surface Water	**PW** Potable Water	**WW** Wastewater	**SO** Soil	**SL** Sludge	**nHZ** Not Hazardous / **HZ** Hazardous	**PCBs**
Sample Type:	**G** Grab	**C** Composite	**D** Distribution/DW	**R** Raw/DW	**S** Special/DW	**O** Other	Containers Supplied by: ☑ Client	☐ GT Lab

Sample Location/ Description	Lab Number	Sample Matrix	Date	Time (Military)	Sample Type	**Analyses Requested	Remarks/ Preservatives, etc	Number of Containers
**NOTE: IF multiple analytes from one bottle, OR if multiple bottles for one analyte, THEN list separately on one line UNLESS LISTED ON ATTACHED FIELD LOG								
WGWC-19-77'-78'	001	nHZ / HZ S	12-20-18	1125	G	Lithium	Field Filtered: Y / N	1
WGWC-19-82'-83'	002	nHZ / HZ S	12-20-18	1130	G	Lithium	Field Filtered: Y / N	1
WGWC-19-85'-86'	003	nHZ / HZ S	12-20-18	1135	G	Lithium	Field Filtered: Y / N	1
WGWC-19-88'-89'	004	nHZ / HZ S	12-20-18	1140	G	Lithium	Field Filtered: Y / N	1
WGWC-19-91'-92'	005	nHZ / HZ S	12-20-18	1145	G	Lithium	Field Filtered: Y / N	1
		nHZ / HZ					Field Filtered: Y / N	
		nHZ / HZ					Field Filtered: Y / N	
		nHZ / HZ					Field Filtered: Y / N	

Note Deficiencies Here:

Expedite analysis

Relinquished by (Company & Signature)	Date	Time (Military)	Received by (Company & Signature):	Date	Time (Military)
Ryan Walker ACC	12-20-18	1300	UPS	12-20-18	1300
			[signature]	12-21-18	1301

SAMPLES MUST BE PRESERVED ON ICE.

Ice present on receipt: ~~Yes~~ or X No | Cooler Temp (°C) on receipt: 15

Sample Receiving (1st Review): JS | Client Support (2nd Review): SKG

APPENDIX B – Plant Wansley Ash Pond Summary of Lithium Background Sample Results

Summary Report

Constituent: Lithium Analysis Run 12/17/2018 4:49 PM
Plant Wansley Client: Southern Company Data: Wansley Ash Pond

For observations made between 5/17/2016 and 8/10/2017, a summary of the selected data set:

Observations = 151
ND/Trace = 67
Wells = 19
Minimum Value = 0.0011
Maximum Value = 0.057
Mean Value = 0.01169
Median Value = 0.0048
Standard Deviation = 0.01344
Coefficient of Variation = 1.15
Skewness = 1.639

Well	#Obs.	ND/Trace	Min	Max	Mean	Median	Std.Dev.	CV	Skewness
WGWA-1 (bg)	8	6	0.0025	0.025	0.005488	0.0025	0.007891	1.438	2.261
WGWA-18 (bg)	8	8	0.0025	0.025	0.005312	0.0025	0.007955	1.497	2.268
WGWA-2 (bg)	8	1	0.0049	0.025	0.0092	0.0075	0.006534	0.7102	2.062
WGWA-3 (bg)	8	8	0.0025	0.025	0.005312	0.0025	0.007955	1.497	2.268
WGWA-4 (bg)	8	1	0.0033	0.025	0.006575	0.00415	0.007462	1.135	2.247
WGWA-5 (bg)	7	7	0.0025	0.025	0.005714	0.0025	0.008504	1.488	2.041
WGWA-6 (bg)	8	2	0.0025	0.025	0.006575	0.0043	0.007476	1.137	2.23
WGWA-7 (bg)	8	8	0.0025	0.025	0.005312	0.0025	0.007955	1.497	2.268
WGWC-10	8	0	0.011	0.032	0.01775	0.0165	0.00684	0.3854	1.081
WGWC-11	8	8	0.0025	0.025	0.005312	0.0025	0.007955	1.497	2.268
WGWC-12	8	1	0.0011	0.025	0.0085	0.0072	0.00701	0.8247	1.795
WGWC-13	8	7	0.0025	0.025	0.005475	0.0025	0.007902	1.443	2.253
WGWC-14A	8	6	0.0025	0.0039	0.002775	0.0025	0.0005339	0.1924	1.449
WGWC-15	8	2	0.0025	0.025	0.007925	0.00615	0.007096	0.8954	2.014
WGWC-16	8	1	0.0081	0.025	0.01265	0.0115	0.005295	0.4186	1.771
WGWC-17	8	1	0.0042	0.025	0.0078	0.00535	0.007014	0.8993	2.186
WGWC-19	8	0	0.044	0.056	0.04838	0.0475	0.004104	0.08483	0.7337
WGWC-8	8	0	0.0091	0.057	0.0212	0.0155	0.01546	0.7291	1.755
WGWC-9	8	0	0.024	0.04	0.03406	0.0345	0.005388	0.1582	-0.7393

APPENDIX C – Laboratory Analytical Results – Groundwater Geochemical Samples

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Pensacola
3355 McLemore Drive
Pensacola, FL 32514
Tel: (850)474-1001

TestAmerica Job ID: 400-151568-1
TestAmerica Sample Delivery Group: Ash Pond
Client Project/Site: CCR - Plant Wansley

For:
Southern Company
PO BOX 2641 GSC8
Birmingham, Alabama 35291

Attn: Joju Abraham

Authorized for release by:
4/13/2018 4:15:34 PM

Cheyenne Whitmire, Project Manager II
(850)471-6222
cheyenne.whitmire@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

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.

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Job ID: 400-151568-1

Laboratory: TestAmerica Pensacola

Narrative

Job Narrative
400-151568-1

HPLC/IC
Method(s) 300.0: The following samples were diluted to bring the concentration of target analytes within the calibration range: WGWC-8 (400-151568-12), WGWC-16 (400-151568-24) and DUP-2 (400-151568-25). Elevated reporting limits (RLs) are provided.

Metals
Method(s) 6020: The serial dilution performed for the following sample associated with batch 393655 was outside control limits: (400-151568-C-1-A SD)

Method(s) 6020: The following samples were diluted to bring the concentration of target analytes within the calibration range: WGWA-2 (400-151568-1), WGWA-1 (400-151568-2), WGWA-3 (400-151568-3), WGWA-4 (400-151568-4), WGWA-7 (400-151568-6), WGWA-6 (400-151568-7), DUP-1 (400-151568-8), WGWA-5 (400-151568-9), WGWA-18 (400-151568-10), WGWC-19 (400-151568-11), WGWC-8 (400-151568-12), WGWC-9 (400-151568-13), WGWC-14A (400-151568-15), WGWC-13 (400-151568-16), WGWC-11 (400-151568-17), WGWC-12 (400-151568-18), WGWC-15 (400-151568-20), WGWC-17 (400-151568-22), WGWC-10 (400-151568-23), WGWC-16 (400-151568-24) and DUP-2 (400-151568-25). Elevated reporting limits (RLs) are provided.

Detection Summary

Client: Southern Company
Project/Site: CCR - Plant Wansley

TestAmerica Job ID: 400-151568-1
SDG: Ash Pond

Client Sample ID: WGWA-2 — Lab Sample ID: 400-151568-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	2.2		1.0	0.89	mg/L	1		300.0	Total/NA
Sulfate	0.72	J	1.0	0.70	mg/L	1		300.0	Total/NA
Calcium	15		0.25	0.13	mg/L	5		6020	Total Recoverable
Magnesium	5.0		0.13	0.032	mg/L	5		6020	Total Recoverable
Potassium	2.7		0.25	0.11	mg/L	5		6020	Total Recoverable
Sodium	9.0		0.25	0.17	mg/L	5		6020	Total Recoverable
Silicon - DL	17		2.0	1.2	mg/L	100		6020	Total Recoverable
Alkalinity, Total	73		1.0	0.98	mg/L	1		SM 2320B	Total/NA
Bicarbonate Alkalinity as CaCO3	73		1.0	0.98	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	92		5.0	3.4	mg/L	1		SM 2540C	Total/NA

Client Sample ID: WGWA-1 — Lab Sample ID: 400-151568-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	3.6		1.0	0.89	mg/L	1		300.0	Total/NA
Calcium	1.2		0.25	0.13	mg/L	5		6020	Total Recoverable
Magnesium	1.1		0.13	0.032	mg/L	5		6020	Total Recoverable
Potassium	1.2		0.25	0.11	mg/L	5		6020	Total Recoverable
Sodium	3.3		0.25	0.17	mg/L	5		6020	Total Recoverable
Silicon - DL	6.8		1.0	0.59	mg/L	50		6020	Total Recoverable
Alkalinity, Total	6.0		1.0	0.98	mg/L	1		SM 2320B	Total/NA
Bicarbonate Alkalinity as CaCO3	6.0		1.0	0.98	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	18		5.0	3.4	mg/L	1		SM 2540C	Total/NA

Client Sample ID: WGWA-3 — Lab Sample ID: 400-151568-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	1.6		1.0	0.89	mg/L	1		300.0	Total/NA
Calcium	1.8		0.25	0.13	mg/L	5		6020	Total Recoverable
Magnesium	1.1		0.13	0.032	mg/L	5		6020	Total Recoverable
Potassium	1.3		0.25	0.11	mg/L	5		6020	Total Recoverable
Sodium	2.8		0.25	0.17	mg/L	5		6020	Total Recoverable
Silicon - DL	6.4		1.0	0.59	mg/L	50		6020	Total Recoverable
Alkalinity, Total	9.6		1.0	0.98	mg/L	1		SM 2320B	Total/NA
Bicarbonate Alkalinity as CaCO3	9.6		1.0	0.98	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	34		5.0	3.4	mg/L	1		SM 2540C	Total/NA

Client Sample ID: WGWA-4 — Lab Sample ID: 400-151568-4

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Southern Company
Project/Site: CCR - Plant Wansley

TestAmerica Job ID: 400-151568-1
SDG: Ash Pond

Client Sample ID: WGWA-4 (Continued) — Lab Sample ID: 400-151568-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	1.1		1.0	0.89	mg/L	1		300.0	Total/NA
Sulfate	6.8		1.0	0.70	mg/L	1		300.0	Total/NA
Calcium	15		0.25	0.13	mg/L	5		6020	Total Recoverable
Magnesium	2.5		0.13	0.032	mg/L	5		6020	Total Recoverable
Potassium	3.0		0.25	0.11	mg/L	5		6020	Total Recoverable
Sodium	7.1		0.25	0.17	mg/L	5		6020	Total Recoverable
Silicon - DL	16		2.0	1.2	mg/L	100		6020	Total Recoverable
Alkalinity, Total	72		1.0	0.98	mg/L	1		SM 2320B	Total/NA
Bicarbonate Alkalinity as CaCO3	72		1.0	0.98	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	110		5.0	3.4	mg/L	1		SM 2540C	Total/NA

Client Sample ID: FB-1-3-28-18 — Lab Sample ID: 400-151568-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Alkalinity, Total	1.7		1.0	0.98	mg/L	1		SM 2320B	Total/NA
Bicarbonate Alkalinity as CaCO3	1.7		1.0	0.98	mg/L	1		SM 2320B	Total/NA

Client Sample ID: WGWA-7 — Lab Sample ID: 400-151568-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	1.8		1.0	0.89	mg/L	1		300.0	Total/NA
Calcium	0.90		0.25	0.13	mg/L	5		6020	Total Recoverable
Magnesium	0.63		0.13	0.032	mg/L	5		6020	Total Recoverable
Potassium	0.86		0.25	0.11	mg/L	5		6020	Total Recoverable
Sodium	2.6		0.25	0.17	mg/L	5		6020	Total Recoverable
Silicon - DL	4.8		1.0	0.59	mg/L	50		6020	Total Recoverable
Alkalinity, Total	6.0		1.0	0.98	mg/L	1		SM 2320B	Total/NA
Bicarbonate Alkalinity as CaCO3	6.0		1.0	0.98	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	6.0		5.0	3.4	mg/L	1		SM 2540C	Total/NA

Client Sample ID: WGWA-6 — Lab Sample ID: 400-151568-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	1.3		1.0	0.89	mg/L	1		300.0	Total/NA
Sulfate	8.1		1.0	0.70	mg/L	1		300.0	Total/NA
Calcium	26		0.25	0.13	mg/L	5		6020	Total Recoverable
Magnesium	2.1		0.13	0.032	mg/L	5		6020	Total Recoverable
Potassium	3.3		0.25	0.11	mg/L	5		6020	Total Recoverable
Sodium	5.3		0.25	0.17	mg/L	5		6020	Total Recoverable

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Southern Company
Project/Site: CCR - Plant Wansley

TestAmerica Job ID: 400-151568-1
SDG: Ash Pond

Client Sample ID: WGWA-6 (Continued) — Lab Sample ID: 400-151568-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Silicon - DL	11		2.0	1.2	mg/L	100		6020	Total Recoverable
Alkalinity, Total	79		1.0	0.98	mg/L	1		SM 2320B	Total/NA
Bicarbonate Alkalinity as CaCO3	79		1.0	0.98	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	130		5.0	3.4	mg/L	1		SM 2540C	Total/NA

Client Sample ID: DUP-1 — Lab Sample ID: 400-151568-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	1.3		1.0	0.89	mg/L	1		300.0	Total/NA
Sulfate	8.1		1.0	0.70	mg/L	1		300.0	Total/NA
Calcium	26		0.25	0.13	mg/L	5		6020	Total Recoverable
Magnesium	2.2		0.13	0.032	mg/L	5		6020	Total Recoverable
Potassium	3.4		0.25	0.11	mg/L	5		6020	Total Recoverable
Sodium	5.3		0.25	0.17	mg/L	5		6020	Total Recoverable
Silicon - DL	12		2.0	1.2	mg/L	100		6020	Total Recoverable
Alkalinity, Total	79		1.0	0.98	mg/L	1		SM 2320B	Total/NA
Bicarbonate Alkalinity as CaCO3	79		1.0	0.98	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	110		5.0	3.4	mg/L	1		SM 2540C	Total/NA

Client Sample ID: WGWA-5 — Lab Sample ID: 400-151568-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	1.4		1.0	0.89	mg/L	1		300.0	Total/NA
Sulfate	0.88	J	1.0	0.70	mg/L	1		300.0	Total/NA
Calcium	1.1		0.25	0.13	mg/L	5		6020	Total Recoverable
Magnesium	0.76		0.13	0.032	mg/L	5		6020	Total Recoverable
Potassium	1.2		0.25	0.11	mg/L	5		6020	Total Recoverable
Sodium	1.3		0.25	0.17	mg/L	5		6020	Total Recoverable
Silicon - DL	4.1		1.0	0.59	mg/L	50		6020	Total Recoverable
Alkalinity, Total	620		1.0	0.98	mg/L	1		SM 2320B	Total/NA
Bicarbonate Alkalinity as CaCO3	620		1.0	0.98	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	12		5.0	3.4	mg/L	1		SM 2540C	Total/NA

Client Sample ID: WGWA-18 — Lab Sample ID: 400-151568-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	2.2		1.0	0.89	mg/L	1		300.0	Total/NA
Sulfate	12		1.0	0.70	mg/L	1		300.0	Total/NA
Calcium	24		0.25	0.13	mg/L	5		6020	Total Recoverable
Magnesium	2.1		0.13	0.032	mg/L	5		6020	Total Recoverable

This Detection Summary does not include radiochemical test results.

Client Sample ID: WGWA-18 (Continued) — Lab Sample ID: 400-151568-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Potassium	5.8		0.25	0.11	mg/L	5		6020	Total Recoverable
Sodium	6.7		0.25	0.17	mg/L	5		6020	Total Recoverable
Silicon - DL	7.3		1.0	0.59	mg/L	50		6020	Total Recoverable
Alkalinity, Total	74		1.0	0.98	mg/L	1		SM 2320B	Total/NA
Bicarbonate Alkalinity as CaCO3	74		1.0	0.98	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	120		5.0	3.4	mg/L	1		SM 2540C	Total/NA

Client Sample ID: WGWC-19 — Lab Sample ID: 400-151568-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	2.3		1.0	0.89	mg/L	1		300.0	Total/NA
Sulfate	3.4		1.0	0.70	mg/L	1		300.0	Total/NA
Calcium	10		0.25	0.13	mg/L	5		6020	Total Recoverable
Magnesium	8.0		0.13	0.032	mg/L	5		6020	Total Recoverable
Potassium	1.2		0.25	0.11	mg/L	5		6020	Total Recoverable
Sodium	7.1		0.25	0.17	mg/L	5		6020	Total Recoverable
Silicon - DL	11		2.0	1.2	mg/L	100		6020	Total Recoverable
Alkalinity, Total	69		1.0	0.98	mg/L	1		SM 2320B	Total/NA
Bicarbonate Alkalinity as CaCO3	69		1.0	0.98	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	110		5.0	3.4	mg/L	1		SM 2540C	Total/NA

Client Sample ID: WGWC-8 — Lab Sample ID: 400-151568-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	68		5.0	4.5	mg/L	5		300.0	Total/NA
Sulfate	180		5.0	3.5	mg/L	5		300.0	Total/NA
Calcium	61		0.25	0.13	mg/L	5		6020	Total Recoverable
Magnesium	16		0.13	0.032	mg/L	5		6020	Total Recoverable
Potassium	8.5		0.25	0.11	mg/L	5		6020	Total Recoverable
Sodium	38		0.25	0.17	mg/L	5		6020	Total Recoverable
Silicon - DL	19		4.0	2.4	mg/L	200		6020	Total Recoverable
Alkalinity, Total	7.4		1.0	0.98	mg/L	1		SM 2320B	Total/NA
Bicarbonate Alkalinity as CaCO3	7.4		1.0	0.98	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	500		5.0	3.4	mg/L	1		SM 2540C	Total/NA

Client Sample ID: WGWC-9 — Lab Sample ID: 400-151568-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	1.2		1.0	0.89	mg/L	1		300.0	Total/NA
Sulfate	37		1.0	0.70	mg/L	1		300.0	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Southern Company
Project/Site: CCR - Plant Wansley

TestAmerica Job ID: 400-151568-1
SDG: Ash Pond

Client Sample ID: WGWC-9 (Continued) — Lab Sample ID: 400-151568-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Calcium	7.6		0.25	0.13	mg/L	5		6020	Total Recoverable
Magnesium	2.3		0.13	0.032	mg/L	5		6020	Total Recoverable
Potassium	0.99		0.25	0.11	mg/L	5		6020	Total Recoverable
Sodium	19		0.25	0.17	mg/L	5		6020	Total Recoverable
Silicon - DL	22		4.0	2.4	mg/L	200		6020	Total Recoverable
Alkalinity, Total	31		1.0	0.98	mg/L	1		SM 2320B	Total/NA
Bicarbonate Alkalinity as CaCO3	31		1.0	0.98	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	130		5.0	3.4	mg/L	1		SM 2540C	Total/NA

Client Sample ID: FB-2-3-29-18 — Lab Sample ID: 400-151568-14

No Detections.

Client Sample ID: WGWC-14A — Lab Sample ID: 400-151568-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	2.5		1.0	0.89	mg/L	1		300.0	Total/NA
Sulfate	4.6		1.0	0.70	mg/L	1		300.0	Total/NA
Calcium	1.2		0.25	0.13	mg/L	5		6020	Total Recoverable
Magnesium	0.92		0.13	0.032	mg/L	5		6020	Total Recoverable
Potassium	2.2		0.25	0.11	mg/L	5		6020	Total Recoverable
Sodium	11		0.25	0.17	mg/L	5		6020	Total Recoverable
Silicon - DL	7.8		1.0	0.59	mg/L	50		6020	Total Recoverable
Alkalinity, Total	28		1.0	0.98	mg/L	1		SM 2320B	Total/NA
Bicarbonate Alkalinity as CaCO3	28		1.0	0.98	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	48		5.0	3.4	mg/L	1		SM 2540C	Total/NA

Client Sample ID: WGWC-13 — Lab Sample ID: 400-151568-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	1.2		1.0	0.89	mg/L	1		300.0	Total/NA
Sulfate	6.5		1.0	0.70	mg/L	1		300.0	Total/NA
Calcium	7.0		0.25	0.13	mg/L	5		6020	Total Recoverable
Magnesium	0.98		0.13	0.032	mg/L	5		6020	Total Recoverable
Potassium	2.6		0.25	0.11	mg/L	5		6020	Total Recoverable
Sodium	18		0.25	0.17	mg/L	5		6020	Total Recoverable
Silicon - DL	20		4.0	2.4	mg/L	200		6020	Total Recoverable
Alkalinity, Total	51		1.0	0.98	mg/L	1		SM 2320B	Total/NA
Bicarbonate Alkalinity as CaCO3	51		1.0	0.98	mg/L	1		SM 2320B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: WGWC-13 (Continued) — Lab Sample ID: 400-151568-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Dissolved Solids	120		5.0	3.4	mg/L	1		SM 2540C	Total/NA

Client Sample ID: WGWC-11 — Lab Sample ID: 400-151568-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	3.1		1.0	0.89	mg/L	1		300.0	Total/NA
Sulfate	2.2		1.0	0.70	mg/L	1		300.0	Total/NA
Calcium	3.9		0.25	0.13	mg/L	5		6020	Total Recoverable
Magnesium	1.9		0.13	0.032	mg/L	5		6020	Total Recoverable
Potassium	1.4		0.25	0.11	mg/L	5		6020	Total Recoverable
Sodium	4.1		0.25	0.17	mg/L	5		6020	Total Recoverable
Silicon - DL	8.5		1.0	0.59	mg/L	50		6020	Total Recoverable
Alkalinity, Total	22		1.0	0.98	mg/L	1		SM 2320B	Total/NA
Bicarbonate Alkalinity as CaCO3	22		1.0	0.98	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	62		5.0	3.4	mg/L	1		SM 2540C	Total/NA

Client Sample ID: WGWC-12 — Lab Sample ID: 400-151568-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	3.1		1.0	0.89	mg/L	1		300.0	Total/NA
Sulfate	16		1.0	0.70	mg/L	1		300.0	Total/NA
Calcium	14		0.25	0.13	mg/L	5		6020	Total Recoverable
Magnesium	3.1		0.13	0.032	mg/L	5		6020	Total Recoverable
Potassium	2.5		0.25	0.11	mg/L	5		6020	Total Recoverable
Sodium	7.5		0.25	0.17	mg/L	5		6020	Total Recoverable
Silicon - DL	12		2.0	1.2	mg/L	100		6020	Total Recoverable
Alkalinity, Total	45		1.0	0.98	mg/L	1		SM 2320B	Total/NA
Bicarbonate Alkalinity as CaCO3	45		1.0	0.98	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	120		5.0	3.4	mg/L	1		SM 2540C	Total/NA

Client Sample ID: EB-1-3-29-18 — Lab Sample ID: 400-151568-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Total Dissolved Solids	24		5.0	3.4	mg/L	1		SM 2540C	Total/NA

Client Sample ID: WGWC-15 — Lab Sample ID: 400-151568-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	4.2		1.0	0.89	mg/L	1		300.0	Total/NA
Sulfate	42		1.0	0.70	mg/L	1		300.0	Total/NA
Calcium	31		0.25	0.13	mg/L	5		6020	Total Recoverable

This Detection Summary does not include radiochemical test results.

Client Sample ID: WGWC-15 (Continued) — Lab Sample ID: 400-151568-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Magnesium	5.2		0.13	0.032	mg/L	5		6020	Total Recoverable
Potassium	1.8		0.25	0.11	mg/L	5		6020	Total Recoverable
Sodium	25		0.25	0.17	mg/L	5		6020	Total Recoverable
Silicon - DL	8.7		2.0	1.2	mg/L	100		6020	Total Recoverable
Alkalinity, Total	100		1.0	0.98	mg/L	1		SM 2320B	Total/NA
Bicarbonate Alkalinity as CaCO3	100		1.0	0.98	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	210		5.0	3.4	mg/L	1		SM 2540C	Total/NA

Client Sample ID: EB-2-3-30-18 — Lab Sample ID: 400-151568-21

No Detections.

Client Sample ID: WGWC-17 — Lab Sample ID: 400-151568-22

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	1.5		1.0	0.89	mg/L	1		300.0	Total/NA
Sulfate	16		1.0	0.70	mg/L	1		300.0	Total/NA
Calcium	7.2		0.25	0.13	mg/L	5		6020	Total Recoverable
Magnesium	4.3		0.13	0.032	mg/L	5		6020	Total Recoverable
Potassium	2.1		0.25	0.11	mg/L	5		6020	Total Recoverable
Sodium	14		0.25	0.17	mg/L	5		6020	Total Recoverable
Silicon - DL	15		2.0	1.2	mg/L	100		6020	Total Recoverable
Alkalinity, Total	45		1.0	0.98	mg/L	1		SM 2320B	Total/NA
Bicarbonate Alkalinity as CaCO3	45		1.0	0.98	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	100		5.0	3.4	mg/L	1		SM 2540C	Total/NA

Client Sample ID: WGWC-10 — Lab Sample ID: 400-151568-23

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	1.3		1.0	0.89	mg/L	1		300.0	Total/NA
Sulfate	1.9		1.0	0.70	mg/L	1		300.0	Total/NA
Calcium	9.0		0.25	0.13	mg/L	5		6020	Total Recoverable
Magnesium	2.0		0.13	0.032	mg/L	5		6020	Total Recoverable
Potassium	2.6		0.25	0.11	mg/L	5		6020	Total Recoverable
Sodium	4.7		0.25	0.17	mg/L	5		6020	Total Recoverable
Silicon - DL	7.8		1.0	0.59	mg/L	50		6020	Total Recoverable
Alkalinity, Total	32		1.0	0.98	mg/L	1		SM 2320B	Total/NA
Bicarbonate Alkalinity as CaCO3	32		1.0	0.98	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	64		5.0	3.4	mg/L	1		SM 2540C	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Southern Company
Project/Site: CCR - Plant Wansley

TestAmerica Job ID: 400-151568-1
SDG: Ash Pond

Client Sample ID: WGWC-16 — Lab Sample ID: 400-151568-24

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	330		20	18	mg/L	20		300.0	Total/NA
Sulfate	700		20	14	mg/L	20		300.0	Total/NA
Magnesium	71		0.13	0.032	mg/L	5		6020	Total Recoverable
Potassium	8.6		0.25	0.11	mg/L	5		6020	Total Recoverable
Sodium	31		0.25	0.17	mg/L	5		6020	Total Recoverable
Calcium - DL	330		2.5	1.3	mg/L	50		6020	Total Recoverable
Silicon - DL	6.7		1.0	0.59	mg/L	50		6020	Total Recoverable
Alkalinity, Total	6.5		1.0	0.98	mg/L	1		SM 2320B	Total/NA
Bicarbonate Alkalinity as CaCO3	6.5		1.0	0.98	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	2200		7.1	4.9	mg/L	1		SM 2540C	Total/NA

Client Sample ID: DUP-2 — Lab Sample ID: 400-151568-25

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	330		20	18	mg/L	20		300.0	Total/NA
Sulfate	690		20	14	mg/L	20		300.0	Total/NA
Magnesium	71		0.13	0.032	mg/L	5		6020	Total Recoverable
Potassium	8.7		0.25	0.11	mg/L	5		6020	Total Recoverable
Sodium	31		0.25	0.17	mg/L	5		6020	Total Recoverable
Calcium - DL	340		2.5	1.3	mg/L	50		6020	Total Recoverable
Silicon - DL	6.6		1.0	0.59	mg/L	50		6020	Total Recoverable
Alkalinity, Total	6.5		1.0	0.98	mg/L	1		SM 2320B	Total/NA
Bicarbonate Alkalinity as CaCO3	6.5		1.0	0.98	mg/L	1		SM 2320B	Total/NA
Total Dissolved Solids	1900		5.6	3.8	mg/L	1		SM 2540C	Total/NA

This Detection Summary does not include radiochemical test results.

Method Summary

Client: Southern Company
Project/Site: CCR - Plant Wansley

TestAmerica Job ID: 400-151568-1
SDG: Ash Pond

Method	Method Description	Protocol	Laboratory
300.0	Anions, Ion Chromatography	MCAWW	TAL PEN
6020	Metals (ICP/MS)	SW846	TAL PEN
SM 2320B	Alkalinity	SM	TAL PEN
SM 2540C	Solids, Total Dissolved (TDS)	SM	TAL PEN

Protocol References:

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.
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 PEN = TestAmerica Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

Sample Summary

Client: Southern Company
Project/Site: CCR - Plant Wansley

TestAmerica Job ID: 400-151568-1
SDG: Ash Pond

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
400-151568-1	WGWA-2	Water	03/27/18 15:05	03/30/18 11:14
400-151568-2	WGWA-1	Water	03/27/18 15:55	03/30/18 11:14
400-151568-3	WGWA-3	Water	03/28/18 12:20	03/30/18 11:14
400-151568-4	WGWA-4	Water	03/28/18 11:15	03/30/18 11:14
400-151568-5	FB-1-3-28-18	Water	03/28/18 10:00	03/30/18 11:14
400-151568-6	WGWA-7	Water	03/28/18 13:25	03/30/18 11:14
400-151568-7	WGWA-6	Water	03/28/18 10:15	03/30/18 11:14
400-151568-8	DUP-1	Water	03/28/18 00:00	03/30/18 11:14
400-151568-9	WGWA-5	Water	03/28/18 14:15	03/31/18 08:46
400-151568-10	WGWA-18	Water	03/28/18 15:20	03/31/18 08:46
400-151568-11	WGWC-19	Water	03/29/18 10:45	03/31/18 08:46
400-151568-12	WGWC-8	Water	03/29/18 14:05	03/31/18 08:46
400-151568-13	WGWC-9	Water	03/29/18 12:30	03/31/18 08:46
400-151568-14	FB-2-3-29-18	Water	03/29/18 13:40	03/31/18 08:46
400-151568-15	WGWC-14A	Water	03/29/18 15:00	03/31/18 08:46
400-151568-16	WGWC-13	Water	03/29/18 13:30	03/31/18 08:46
400-151568-17	WGWC-11	Water	03/29/18 12:10	03/31/18 08:46
400-151568-18	WGWC-12	Water	03/29/18 11:05	03/31/18 08:46
400-151568-19	EB-1-3-29-18	Water	03/29/18 10:00	03/31/18 08:46
400-151568-20	WGWC-15	Water	03/30/18 10:10	04/03/18 09:32
400-151568-21	EB-2-3-30-18	Water	03/30/18 09:50	04/03/18 09:32
400-151568-22	WGWC-17	Water	03/30/18 11:20	04/03/18 09:32
400-151568-23	WGWC-10	Water	03/30/18 12:35	04/03/18 09:32
400-151568-24	WGWC-16	Water	03/29/18 15:20	04/03/18 09:32
400-151568-25	DUP-2	Water	03/29/18 00:00	04/03/18 09:32

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Wansley

TestAmerica Job ID: 400-151568-1
SDG: Ash Pond

Client Sample ID: WGWA-2

Date Collected: 03/27/18 15:05
Date Received: 03/30/18 11:14

Lab Sample ID: 400-151568-1

Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2.2		1.0	0.89	mg/L			04/10/18 00:52	1
Sulfate	0.72	J	1.0	0.70	mg/L			04/10/18 00:52	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	15		0.25	0.13	mg/L		04/08/18 13:48	04/11/18 18:04	5
Magnesium	5.0		0.13	0.032	mg/L		04/08/18 13:48	04/11/18 18:04	5
Potassium	2.7		0.25	0.11	mg/L		04/08/18 13:48	04/11/18 18:04	5
Sodium	9.0		0.25	0.17	mg/L		04/08/18 13:48	04/11/18 18:04	5

Method: 6020 - Metals (ICP/MS) - Total Recoverable - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silicon	17		2.0	1.2	mg/L		04/08/18 13:48	04/11/18 18:49	100

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Total	73		1.0	0.98	mg/L			04/02/18 10:32	1
Bicarbonate Alkalinity as CaCO3	73		1.0	0.98	mg/L			04/02/18 10:32	1
Carbonate Alkalinity as CaCO3	<0.98		1.0	0.98	mg/L			04/02/18 10:32	1
Total Dissolved Solids	92		5.0	3.4	mg/L			04/03/18 16:48	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Wansley

TestAmerica Job ID: 400-151568-1
SDG: Ash Pond

Client Sample ID: WGWA-1

Date Collected: 03/27/18 15:55
Date Received: 03/30/18 11:14

Lab Sample ID: 400-151568-2

Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3.6		1.0	0.89	mg/L			04/10/18 02:00	1
Sulfate	<0.70		1.0	0.70	mg/L			04/10/18 02:00	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	1.2		0.25	0.13	mg/L		04/08/18 13:48	04/11/18 15:52	5
Magnesium	1.1		0.13	0.032	mg/L		04/08/18 13:48	04/11/18 15:52	5
Potassium	1.2		0.25	0.11	mg/L		04/08/18 13:48	04/11/18 15:52	5
Sodium	3.3		0.25	0.17	mg/L		04/08/18 13:48	04/11/18 15:52	5

Method: 6020 - Metals (ICP/MS) - Total Recoverable - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silicon	6.8		1.0	0.59	mg/L		04/08/18 13:48	04/11/18 18:54	50

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Total	6.0		1.0	0.98	mg/L			04/02/18 10:42	1
Bicarbonate Alkalinity as CaCO3	6.0		1.0	0.98	mg/L			04/02/18 10:42	1
Carbonate Alkalinity as CaCO3	<0.98		1.0	0.98	mg/L			04/02/18 10:42	1
Total Dissolved Solids	18		5.0	3.4	mg/L			04/03/18 16:48	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Wansley

TestAmerica Job ID: 400-151568-1
SDG: Ash Pond

Client Sample ID: WGWA-3

Date Collected: 03/28/18 12:20
Date Received: 03/30/18 11:14

Lab Sample ID: 400-151568-3

Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.6		1.0	0.89	mg/L			04/10/18 02:23	1
Sulfate	<0.70		1.0	0.70	mg/L			04/10/18 02:23	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	1.8		0.25	0.13	mg/L		04/08/18 13:48	04/11/18 15:57	5
Magnesium	1.1		0.13	0.032	mg/L		04/08/18 13:48	04/11/18 15:57	5
Potassium	1.3		0.25	0.11	mg/L		04/08/18 13:48	04/11/18 15:57	5
Sodium	2.8		0.25	0.17	mg/L		04/08/18 13:48	04/11/18 15:57	5

Method: 6020 - Metals (ICP/MS) - Total Recoverable - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silicon	6.4		1.0	0.59	mg/L		04/08/18 13:48	04/11/18 18:58	50

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Total	9.6		1.0	0.98	mg/L			04/02/18 10:47	1
Bicarbonate Alkalinity as CaCO3	9.6		1.0	0.98	mg/L			04/02/18 10:47	1
Carbonate Alkalinity as CaCO3	<0.98		1.0	0.98	mg/L			04/02/18 10:47	1
Total Dissolved Solids	34		5.0	3.4	mg/L			04/04/18 16:33	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Wansley

TestAmerica Job ID: 400-151568-1
SDG: Ash Pond

Client Sample ID: WGWA-4

Date Collected: 03/28/18 11:15
Date Received: 03/30/18 11:14

Lab Sample ID: 400-151568-4

Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.1		1.0	0.89	mg/L			04/10/18 02:46	1
Sulfate	6.8		1.0	0.70	mg/L			04/10/18 02:46	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	15		0.25	0.13	mg/L		04/08/18 13:48	04/11/18 16:01	5
Magnesium	2.5		0.13	0.032	mg/L		04/08/18 13:48	04/11/18 16:01	5
Potassium	3.0		0.25	0.11	mg/L		04/08/18 13:48	04/11/18 16:01	5
Sodium	7.1		0.25	0.17	mg/L		04/08/18 13:48	04/11/18 16:01	5

Method: 6020 - Metals (ICP/MS) - Total Recoverable - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silicon	16		2.0	1.2	mg/L		04/08/18 13:48	04/11/18 19:03	100

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Total	72		1.0	0.98	mg/L			04/02/18 10:52	1
Bicarbonate Alkalinity as CaCO3	72		1.0	0.98	mg/L			04/02/18 10:52	1
Carbonate Alkalinity as CaCO3	<0.98		1.0	0.98	mg/L			04/02/18 10:52	1
Total Dissolved Solids	110		5.0	3.4	mg/L			04/04/18 16:33	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Wansley

TestAmerica Job ID: 400-151568-1
SDG: Ash Pond

Client Sample ID: FB-1-3-28-18

Lab Sample ID: 400-151568-5

Date Collected: 03/28/18 10:00
Date Received: 03/30/18 11:14

Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.89		1.0	0.89	mg/L			04/10/18 03:09	1
Sulfate	<0.70		1.0	0.70	mg/L			04/10/18 03:09	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	<0.13		0.25	0.13	mg/L		04/08/18 13:48	04/11/18 16:28	5
Magnesium	<0.032		0.13	0.032	mg/L		04/08/18 13:48	04/11/18 16:28	5
Potassium	<0.11		0.25	0.11	mg/L		04/08/18 13:48	04/11/18 16:28	5
Sodium	<0.17		0.25	0.17	mg/L		04/08/18 13:48	04/11/18 16:28	5
Silicon	<0.059		0.10	0.059	mg/L		04/08/18 13:48	04/11/18 16:28	5

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Total	**1.7**		1.0	0.98	mg/L			04/02/18 10:57	1
Bicarbonate Alkalinity as CaCO3	**1.7**		1.0	0.98	mg/L			04/02/18 10:57	1
Carbonate Alkalinity as CaCO3	<0.98		1.0	0.98	mg/L			04/02/18 10:57	1
Total Dissolved Solids	<3.4		5.0	3.4	mg/L			04/04/18 16:33	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Wansley

TestAmerica Job ID: 400-151568-1
SDG: Ash Pond

Client Sample ID: WGWA-7

Date Collected: 03/28/18 13:25
Date Received: 03/30/18 11:14

Lab Sample ID: 400-151568-6

Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.8		1.0	0.89	mg/L			04/10/18 04:17	1
Sulfate	<0.70		1.0	0.70	mg/L			04/10/18 04:17	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	0.90		0.25	0.13	mg/L		04/08/18 13:48	04/11/18 16:33	5
Magnesium	0.63		0.13	0.032	mg/L		04/08/18 13:48	04/11/18 16:33	5
Potassium	0.86		0.25	0.11	mg/L		04/08/18 13:48	04/11/18 16:33	5
Sodium	2.6		0.25	0.17	mg/L		04/08/18 13:48	04/11/18 16:33	5

Method: 6020 - Metals (ICP/MS) - Total Recoverable - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silicon	4.8		1.0	0.59	mg/L		04/08/18 13:48	04/11/18 19:07	50

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Total	6.0		1.0	0.98	mg/L			04/02/18 11:01	1
Bicarbonate Alkalinity as CaCO3	6.0		1.0	0.98	mg/L			04/02/18 11:01	1
Carbonate Alkalinity as CaCO3	<0.98		1.0	0.98	mg/L			04/02/18 11:01	1
Total Dissolved Solids	6.0		5.0	3.4	mg/L			04/04/18 16:33	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Wansley

TestAmerica Job ID: 400-151568-1
SDG: Ash Pond

Client Sample ID: WGWA-6

Date Collected: 03/28/18 10:15
Date Received: 03/30/18 11:14

Lab Sample ID: 400-151568-7

Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.3		1.0	0.89	mg/L			04/10/18 04:40	1
Sulfate	8.1		1.0	0.70	mg/L			04/10/18 04:40	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	26		0.25	0.13	mg/L		04/08/18 13:48	04/11/18 16:42	5
Magnesium	2.1		0.13	0.032	mg/L		04/08/18 13:48	04/11/18 16:42	5
Potassium	3.3		0.25	0.11	mg/L		04/08/18 13:48	04/11/18 16:42	5
Sodium	5.3		0.25	0.17	mg/L		04/08/18 13:48	04/11/18 16:42	5

Method: 6020 - Metals (ICP/MS) - Total Recoverable - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silicon	11		2.0	1.2	mg/L		04/08/18 13:48	04/11/18 19:12	100

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Total	79		1.0	0.98	mg/L			04/02/18 11:08	1
Bicarbonate Alkalinity as CaCO3	79		1.0	0.98	mg/L			04/02/18 11:08	1
Carbonate Alkalinity as CaCO3	<0.98		1.0	0.98	mg/L			04/02/18 11:08	1
Total Dissolved Solids	130		5.0	3.4	mg/L			04/04/18 16:33	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Wansley

TestAmerica Job ID: 400-151568-1
SDG: Ash Pond

Client Sample ID: DUP-1

Date Collected: 03/28/18 00:00
Date Received: 03/30/18 11:14

Lab Sample ID: 400-151568-8

Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.3		1.0	0.89	mg/L			04/10/18 05:03	1
Sulfate	8.1		1.0	0.70	mg/L			04/10/18 05:03	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	26		0.25	0.13	mg/L		04/08/18 13:48	04/11/18 16:37	5
Magnesium	2.2		0.13	0.032	mg/L		04/08/18 13:48	04/11/18 16:37	5
Potassium	3.4		0.25	0.11	mg/L		04/08/18 13:48	04/11/18 16:37	5
Sodium	5.3		0.25	0.17	mg/L		04/08/18 13:48	04/11/18 16:37	5

Method: 6020 - Metals (ICP/MS) - Total Recoverable - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silicon	12		2.0	1.2	mg/L		04/08/18 13:48	04/11/18 19:16	100

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Total	79		1.0	0.98	mg/L			04/02/18 11:14	1
Bicarbonate Alkalinity as CaCO3	79		1.0	0.98	mg/L			04/02/18 11:14	1
Carbonate Alkalinity as CaCO3	<0.98		1.0	0.98	mg/L			04/02/18 11:14	1
Total Dissolved Solids	110		5.0	3.4	mg/L			04/03/18 16:48	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Wansley

TestAmerica Job ID: 400-151568-1
SDG: Ash Pond

Client Sample ID: WGWA-5

Date Collected: 03/28/18 14:15
Date Received: 03/31/18 08:46

Lab Sample ID: 400-151568-9

Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.4		1.0	0.89	mg/L			04/10/18 05:26	1
Sulfate	0.88	J	1.0	0.70	mg/L			04/10/18 05:26	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	1.1		0.25	0.13	mg/L		04/08/18 13:48	04/11/18 16:46	5
Magnesium	0.76		0.13	0.032	mg/L		04/08/18 13:48	04/11/18 16:46	5
Potassium	1.2		0.25	0.11	mg/L		04/08/18 13:48	04/11/18 16:46	5
Sodium	1.3		0.25	0.17	mg/L		04/08/18 13:48	04/11/18 16:46	5

Method: 6020 - Metals (ICP/MS) - Total Recoverable - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silicon	4.1		1.0	0.59	mg/L		04/08/18 13:48	04/11/18 19:21	50

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Total	620		1.0	0.98	mg/L			04/02/18 11:26	1
Bicarbonate Alkalinity as CaCO3	620		1.0	0.98	mg/L			04/02/18 11:26	1
Carbonate Alkalinity as CaCO3	<0.98		1.0	0.98	mg/L			04/02/18 11:26	1
Total Dissolved Solids	12		5.0	3.4	mg/L			04/04/18 16:33	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Wansley

TestAmerica Job ID: 400-151568-1
SDG: Ash Pond

Client Sample ID: WGWA-18

Date Collected: 03/28/18 15:20
Date Received: 03/31/18 08:46

Lab Sample ID: 400-151568-10

Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2.2		1.0	0.89	mg/L			04/10/18 05:49	1
Sulfate	12		1.0	0.70	mg/L			04/10/18 05:49	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	24		0.25	0.13	mg/L		04/08/18 13:48	04/11/18 16:51	5
Magnesium	2.1		0.13	0.032	mg/L		04/08/18 13:48	04/11/18 16:51	5
Potassium	5.8		0.25	0.11	mg/L		04/08/18 13:48	04/11/18 16:51	5
Sodium	6.7		0.25	0.17	mg/L		04/08/18 13:48	04/11/18 16:51	5

Method: 6020 - Metals (ICP/MS) - Total Recoverable - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silicon	7.3		1.0	0.59	mg/L		04/08/18 13:48	04/11/18 19:25	50

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Total	74		1.0	0.98	mg/L			04/02/18 11:55	1
Bicarbonate Alkalinity as CaCO3	74		1.0	0.98	mg/L			04/02/18 11:55	1
Carbonate Alkalinity as CaCO3	<0.98		1.0	0.98	mg/L			04/02/18 11:55	1
Total Dissolved Solids	120		5.0	3.4	mg/L			04/04/18 16:33	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Wansley

TestAmerica Job ID: 400-151568-1
SDG: Ash Pond

Client Sample ID: WGWC-19

Date Collected: 03/29/18 10:45
Date Received: 03/31/18 08:46

Lab Sample ID: 400-151568-11

Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2.3		1.0	0.89	mg/L			04/10/18 06:12	1
Sulfate	3.4		1.0	0.70	mg/L			04/10/18 06:12	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	10		0.25	0.13	mg/L		04/08/18 13:48	04/11/18 16:55	5
Magnesium	8.0		0.13	0.032	mg/L		04/08/18 13:48	04/11/18 16:55	5
Potassium	1.2		0.25	0.11	mg/L		04/08/18 13:48	04/11/18 16:55	5
Sodium	7.1		0.25	0.17	mg/L		04/08/18 13:48	04/11/18 16:55	5

Method: 6020 - Metals (ICP/MS) - Total Recoverable - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silicon	11		2.0	1.2	mg/L		04/08/18 13:48	04/11/18 19:52	100

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Total	69		1.0	0.98	mg/L			04/04/18 10:27	1
Bicarbonate Alkalinity as CaCO3	69		1.0	0.98	mg/L			04/04/18 10:27	1
Carbonate Alkalinity as CaCO3	<0.98		1.0	0.98	mg/L			04/04/18 10:27	1
Total Dissolved Solids	110		5.0	3.4	mg/L			04/05/18 16:47	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Wansley

TestAmerica Job ID: 400-151568-1
SDG: Ash Pond

Client Sample ID: WGWC-8

Date Collected: 03/29/18 14:05
Date Received: 03/31/18 08:46

Lab Sample ID: 400-151568-12

Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	68		5.0	4.5	mg/L			04/10/18 21:02	5
Sulfate	180		5.0	3.5	mg/L			04/10/18 21:02	5

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	61		0.25	0.13	mg/L		04/08/18 13:48	04/11/18 17:00	5
Magnesium	16		0.13	0.032	mg/L		04/08/18 13:48	04/11/18 17:00	5
Potassium	8.5		0.25	0.11	mg/L		04/08/18 13:48	04/11/18 17:00	5
Sodium	38		0.25	0.17	mg/L		04/08/18 13:48	04/11/18 17:00	5

Method: 6020 - Metals (ICP/MS) - Total Recoverable - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silicon	19		4.0	2.4	mg/L		04/08/18 13:48	04/11/18 19:57	200

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Total	7.4		1.0	0.98	mg/L			04/04/18 11:37	1
Bicarbonate Alkalinity as CaCO3	7.4		1.0	0.98	mg/L			04/04/18 11:37	1
Carbonate Alkalinity as CaCO3	<0.98		1.0	0.98	mg/L			04/04/18 11:37	1
Total Dissolved Solids	500		5.0	3.4	mg/L			04/05/18 16:47	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Wansley

TestAmerica Job ID: 400-151568-1
SDG: Ash Pond

Client Sample ID: WGWC-9

Date Collected: 03/29/18 12:30
Date Received: 03/31/18 08:46

Lab Sample ID: 400-151568-13

Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.2		1.0	0.89	mg/L			04/10/18 07:20	1
Sulfate	37		1.0	0.70	mg/L			04/10/18 07:20	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	7.6		0.25	0.13	mg/L		04/08/18 13:48	04/11/18 17:04	5
Magnesium	2.3		0.13	0.032	mg/L		04/08/18 13:48	04/11/18 17:04	5
Potassium	0.99		0.25	0.11	mg/L		04/08/18 13:48	04/11/18 17:04	5
Sodium	19		0.25	0.17	mg/L		04/08/18 13:48	04/11/18 17:04	5

Method: 6020 - Metals (ICP/MS) - Total Recoverable - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silicon	22		4.0	2.4	mg/L		04/08/18 13:48	04/11/18 20:01	200

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Total	31		1.0	0.98	mg/L			04/04/18 11:40	1
Bicarbonate Alkalinity as CaCO3	31		1.0	0.98	mg/L			04/04/18 11:40	1
Carbonate Alkalinity as CaCO3	<0.98		1.0	0.98	mg/L			04/04/18 11:40	1
Total Dissolved Solids	130		5.0	3.4	mg/L			04/05/18 16:47	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Wansley

TestAmerica Job ID: 400-151568-1
SDG: Ash Pond

Client Sample ID: FB-2-3-29-18

Lab Sample ID: 400-151568-14

Date Collected: 03/29/18 13:40
Date Received: 03/31/18 08:46

Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.89		1.0	0.89	mg/L			04/10/18 07:43	1
Sulfate	<0.70		1.0	0.70	mg/L			04/10/18 07:43	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	<0.13		0.25	0.13	mg/L		04/08/18 13:48	04/11/18 17:10	5
Magnesium	<0.032		0.13	0.032	mg/L		04/08/18 13:48	04/11/18 17:10	5
Potassium	<0.11		0.25	0.11	mg/L		04/08/18 13:48	04/11/18 17:10	5
Sodium	<0.17		0.25	0.17	mg/L		04/08/18 13:48	04/11/18 17:10	5
Silicon	<0.059		0.10	0.059	mg/L		04/08/18 13:48	04/11/18 17:10	5

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Total	<0.98		1.0	0.98	mg/L			04/04/18 11:45	1
Bicarbonate Alkalinity as CaCO3	<0.98		1.0	0.98	mg/L			04/04/18 11:45	1
Carbonate Alkalinity as CaCO3	<0.98		1.0	0.98	mg/L			04/04/18 11:45	1
Total Dissolved Solids	<3.4		5.0	3.4	mg/L			04/05/18 16:47	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Wansley

TestAmerica Job ID: 400-151568-1
SDG: Ash Pond

Client Sample ID: WGWC-14A

Date Collected: 03/29/18 15:00
Date Received: 03/31/18 08:46

Lab Sample ID: 400-151568-15

Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2.5		1.0	0.89	mg/L			04/10/18 08:51	1
Sulfate	4.6		1.0	0.70	mg/L			04/10/18 08:51	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	1.2		0.25	0.13	mg/L		04/08/18 13:48	04/11/18 17:37	5
Magnesium	0.92		0.13	0.032	mg/L		04/08/18 13:48	04/11/18 17:37	5
Potassium	2.2		0.25	0.11	mg/L		04/08/18 13:48	04/11/18 17:37	5
Sodium	11		0.25	0.17	mg/L		04/08/18 13:48	04/11/18 17:37	5

Method: 6020 - Metals (ICP/MS) - Total Recoverable - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silicon	7.8		1.0	0.59	mg/L		04/08/18 13:48	04/11/18 20:06	50

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Total	28		1.0	0.98	mg/L			04/04/18 11:50	1
Bicarbonate Alkalinity as CaCO3	28		1.0	0.98	mg/L			04/04/18 11:50	1
Carbonate Alkalinity as CaCO3	<0.98		1.0	0.98	mg/L			04/04/18 11:50	1
Total Dissolved Solids	48		5.0	3.4	mg/L			04/05/18 16:47	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Wansley

TestAmerica Job ID: 400-151568-1
SDG: Ash Pond

Client Sample ID: WGWC-13

Date Collected: 03/29/18 13:30
Date Received: 03/31/18 08:46

Lab Sample ID: 400-151568-16

Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.2		1.0	0.89	mg/L			04/10/18 09:14	1
Sulfate	6.5		1.0	0.70	mg/L			04/10/18 09:14	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	7.0		0.25	0.13	mg/L		04/08/18 13:48	04/11/18 17:42	5
Magnesium	0.98		0.13	0.032	mg/L		04/08/18 13:48	04/11/18 17:42	5
Potassium	2.6		0.25	0.11	mg/L		04/08/18 13:48	04/11/18 17:42	5
Sodium	18		0.25	0.17	mg/L		04/08/18 13:48	04/11/18 17:42	5

Method: 6020 - Metals (ICP/MS) - Total Recoverable - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silicon	20		4.0	2.4	mg/L		04/08/18 13:48	04/11/18 20:10	200

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Total	51		1.0	0.98	mg/L			04/04/18 11:56	1
Bicarbonate Alkalinity as CaCO3	51		1.0	0.98	mg/L			04/04/18 11:56	1
Carbonate Alkalinity as CaCO3	<0.98		1.0	0.98	mg/L			04/04/18 11:56	1
Total Dissolved Solids	120		5.0	3.4	mg/L			04/05/18 16:47	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Wansley

TestAmerica Job ID: 400-151568-1
SDG: Ash Pond

Client Sample ID: WGWC-11

Date Collected: 03/29/18 12:10
Date Received: 03/31/18 08:46

Lab Sample ID: 400-151568-17

Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3.1		1.0	0.89	mg/L			04/10/18 09:37	1
Sulfate	2.2		1.0	0.70	mg/L			04/10/18 09:37	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	3.9		0.25	0.13	mg/L		04/08/18 13:48	04/11/18 17:46	5
Magnesium	1.9		0.13	0.032	mg/L		04/08/18 13:48	04/11/18 17:46	5
Potassium	1.4		0.25	0.11	mg/L		04/08/18 13:48	04/11/18 17:46	5
Sodium	4.1		0.25	0.17	mg/L		04/08/18 13:48	04/11/18 17:46	5

Method: 6020 - Metals (ICP/MS) - Total Recoverable - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silicon	8.5		1.0	0.59	mg/L		04/08/18 13:48	04/11/18 20:15	50

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Total	22		1.0	0.98	mg/L			04/04/18 12:02	1
Bicarbonate Alkalinity as CaCO3	22		1.0	0.98	mg/L			04/04/18 12:02	1
Carbonate Alkalinity as CaCO3	<0.98		1.0	0.98	mg/L			04/04/18 12:02	1
Total Dissolved Solids	62		5.0	3.4	mg/L			04/05/18 16:47	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Wansley

TestAmerica Job ID: 400-151568-1
SDG: Ash Pond

Client Sample ID: WGWC-12

Date Collected: 03/29/18 11:05
Date Received: 03/31/18 08:46

Lab Sample ID: 400-151568-18

Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3.1		1.0	0.89	mg/L			04/10/18 10:00	1
Sulfate	16		1.0	0.70	mg/L			04/10/18 10:00	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	14		0.25	0.13	mg/L		04/08/18 13:48	04/11/18 17:51	5
Magnesium	3.1		0.13	0.032	mg/L		04/08/18 13:48	04/11/18 17:51	5
Potassium	2.5		0.25	0.11	mg/L		04/08/18 13:48	04/11/18 17:51	5
Sodium	7.5		0.25	0.17	mg/L		04/08/18 13:48	04/11/18 17:51	5

Method: 6020 - Metals (ICP/MS) - Total Recoverable - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silicon	12		2.0	1.2	mg/L		04/08/18 13:48	04/11/18 20:19	100

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Total	45		1.0	0.98	mg/L			04/04/18 12:07	1
Bicarbonate Alkalinity as CaCO3	45		1.0	0.98	mg/L			04/04/18 12:07	1
Carbonate Alkalinity as CaCO3	<0.98		1.0	0.98	mg/L			04/04/18 12:07	1
Total Dissolved Solids	120		5.0	3.4	mg/L			04/05/18 16:47	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Wansley

TestAmerica Job ID: 400-151568-1
SDG: Ash Pond

Client Sample ID: EB-1-3-29-18

Lab Sample ID: 400-151568-19

Date Collected: 03/29/18 10:00
Date Received: 03/31/18 08:46

Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.89		1.0	0.89	mg/L			04/10/18 10:23	1
Sulfate	<0.70		1.0	0.70	mg/L			04/10/18 10:23	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	<0.13		0.25	0.13	mg/L		04/08/18 13:48	04/11/18 17:55	5
Magnesium	<0.032		0.13	0.032	mg/L		04/08/18 13:48	04/11/18 17:55	5
Potassium	<0.11		0.25	0.11	mg/L		04/08/18 13:48	04/11/18 17:55	5
Sodium	<0.17		0.25	0.17	mg/L		04/08/18 13:48	04/11/18 17:55	5
Silicon	<0.059		0.10	0.059	mg/L		04/08/18 13:48	04/11/18 17:55	5

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Total	<0.98		1.0	0.98	mg/L			04/04/18 12:12	1
Bicarbonate Alkalinity as CaCO3	<0.98		1.0	0.98	mg/L			04/04/18 12:12	1
Carbonate Alkalinity as CaCO3	<0.98		1.0	0.98	mg/L			04/04/18 12:12	1
Total Dissolved Solids	**24**		5.0	3.4	mg/L			04/05/18 16:47	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Wansley

TestAmerica Job ID: 400-151568-1
SDG: Ash Pond

Client Sample ID: WGWC-15

Date Collected: 03/30/18 10:10
Date Received: 04/03/18 09:32

Lab Sample ID: 400-151568-20

Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4.2		1.0	0.89	mg/L			04/10/18 10:45	1
Sulfate	42		1.0	0.70	mg/L			04/10/18 10:45	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	31		0.25	0.13	mg/L		04/08/18 13:48	04/11/18 18:00	5
Magnesium	5.2		0.13	0.032	mg/L		04/08/18 13:48	04/11/18 18:00	5
Potassium	1.8		0.25	0.11	mg/L		04/08/18 13:48	04/11/18 18:00	5
Sodium	25		0.25	0.17	mg/L		04/08/18 13:48	04/11/18 18:00	5

Method: 6020 - Metals (ICP/MS) - Total Recoverable - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silicon	8.7		2.0	1.2	mg/L		04/08/18 13:48	04/11/18 20:24	100

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Total	100		1.0	0.98	mg/L			04/05/18 16:09	1
Bicarbonate Alkalinity as CaCO3	100		1.0	0.98	mg/L			04/05/18 16:09	1
Carbonate Alkalinity as CaCO3	<0.98		1.0	0.98	mg/L			04/05/18 16:09	1
Total Dissolved Solids	210		5.0	3.4	mg/L			04/06/18 16:58	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Wansley

TestAmerica Job ID: 400-151568-1
SDG: Ash Pond

Client Sample ID: EB-2-3-30-18

Lab Sample ID: 400-151568-21

Date Collected: 03/30/18 09:50
Date Received: 04/03/18 09:32

Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.89		1.0	0.89	mg/L			04/10/18 13:05	1
Sulfate	<0.70		1.0	0.70	mg/L			04/10/18 13:05	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	<0.13		0.25	0.13	mg/L		04/09/18 11:52	04/11/18 14:04	5
Magnesium	<0.032		0.13	0.032	mg/L		04/09/18 11:52	04/11/18 14:04	5
Potassium	<0.11		0.25	0.11	mg/L		04/09/18 11:52	04/11/18 14:04	5
Sodium	<0.17		0.25	0.17	mg/L		04/09/18 11:52	04/11/18 14:04	5
Silicon	<0.059		0.10	0.059	mg/L		04/09/18 11:52	04/11/18 14:04	5

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Total	<0.98		1.0	0.98	mg/L			04/05/18 16:26	1
Bicarbonate Alkalinity as CaCO3	<0.98		1.0	0.98	mg/L			04/05/18 16:26	1
Carbonate Alkalinity as CaCO3	<0.98		1.0	0.98	mg/L			04/05/18 16:26	1
Total Dissolved Solids	<3.4		5.0	3.4	mg/L			04/06/18 16:58	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Wansley

TestAmerica Job ID: 400-151568-1
SDG: Ash Pond

Client Sample ID: WGWC-17

Date Collected: 03/30/18 11:20
Date Received: 04/03/18 09:32

Lab Sample ID: 400-151568-22

Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.5		1.0	0.89	mg/L			04/10/18 13:28	1
Sulfate	16		1.0	0.70	mg/L			04/10/18 13:28	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	7.2		0.25	0.13	mg/L		04/09/18 11:52	04/11/18 14:09	5
Magnesium	4.3		0.13	0.032	mg/L		04/09/18 11:52	04/11/18 14:09	5
Potassium	2.1		0.25	0.11	mg/L		04/09/18 11:52	04/11/18 14:09	5
Sodium	14		0.25	0.17	mg/L		04/09/18 11:52	04/11/18 14:09	5

Method: 6020 - Metals (ICP/MS) - Total Recoverable - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silicon	15		2.0	1.2	mg/L		04/09/18 11:52	04/11/18 20:28	100

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Total	45		1.0	0.98	mg/L			04/05/18 16:14	1
Bicarbonate Alkalinity as CaCO3	45		1.0	0.98	mg/L			04/05/18 16:14	1
Carbonate Alkalinity as CaCO3	<0.98		1.0	0.98	mg/L			04/05/18 16:14	1
Total Dissolved Solids	100		5.0	3.4	mg/L			04/06/18 16:58	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Wansley

TestAmerica Job ID: 400-151568-1
SDG: Ash Pond

Client Sample ID: WGWC-10

Date Collected: 03/30/18 12:35
Date Received: 04/03/18 09:32

Lab Sample ID: 400-151568-23

Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1.3		1.0	0.89	mg/L			04/10/18 14:36	1
Sulfate	1.9		1.0	0.70	mg/L			04/10/18 14:36	1

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	9.0		0.25	0.13	mg/L		04/09/18 11:52	04/11/18 14:13	5
Magnesium	2.0		0.13	0.032	mg/L		04/09/18 11:52	04/11/18 14:13	5
Potassium	2.6		0.25	0.11	mg/L		04/09/18 11:52	04/11/18 14:13	5
Sodium	4.7		0.25	0.17	mg/L		04/09/18 11:52	04/11/18 14:13	5

Method: 6020 - Metals (ICP/MS) - Total Recoverable - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silicon	7.8		1.0	0.59	mg/L		04/09/18 11:52	04/11/18 20:33	50

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Total	32		1.0	0.98	mg/L			04/05/18 16:21	1
Bicarbonate Alkalinity as CaCO3	32		1.0	0.98	mg/L			04/05/18 16:21	1
Carbonate Alkalinity as CaCO3	<0.98		1.0	0.98	mg/L			04/05/18 16:21	1
Total Dissolved Solids	64		5.0	3.4	mg/L			04/06/18 16:58	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Wansley

TestAmerica Job ID: 400-151568-1
SDG: Ash Pond

Client Sample ID: WGWC-16

Date Collected: 03/29/18 15:20
Date Received: 04/03/18 09:32

Lab Sample ID: 400-151568-24

Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	330		20	18	mg/L			04/11/18 12:58	20
Sulfate	700		20	14	mg/L			04/11/18 12:58	20

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Magnesium	71		0.13	0.032	mg/L		04/09/18 11:52	04/11/18 14:18	5
Potassium	8.6		0.25	0.11	mg/L		04/09/18 11:52	04/11/18 14:18	5
Sodium	31		0.25	0.17	mg/L		04/09/18 11:52	04/11/18 14:18	5

Method: 6020 - Metals (ICP/MS) - Total Recoverable - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	330		2.5	1.3	mg/L		04/09/18 11:52	04/11/18 21:00	50
Silicon	6.7		1.0	0.59	mg/L		04/09/18 11:52	04/11/18 21:00	50

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Total	6.5		1.0	0.98	mg/L			04/05/18 15:56	1
Bicarbonate Alkalinity as CaCO3	6.5		1.0	0.98	mg/L			04/05/18 15:56	1
Carbonate Alkalinity as CaCO3	<0.98		1.0	0.98	mg/L			04/05/18 15:56	1
Total Dissolved Solids	2200		7.1	4.9	mg/L			04/05/18 16:47	1

Client Sample Results

Client: Southern Company
Project/Site: CCR - Plant Wansley

TestAmerica Job ID: 400-151568-1
SDG: Ash Pond

Client Sample ID: DUP-2

Date Collected: 03/29/18 00:00
Date Received: 04/03/18 09:32

Lab Sample ID: 400-151568-25

Matrix: Water

Method: 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	330		20	18	mg/L			04/11/18 13:21	20
Sulfate	690		20	14	mg/L			04/11/18 13:21	20

Method: 6020 - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Magnesium	71		0.13	0.032	mg/L		04/09/18 11:52	04/11/18 14:22	5
Potassium	8.7		0.25	0.11	mg/L		04/09/18 11:52	04/11/18 14:22	5
Sodium	31		0.25	0.17	mg/L		04/09/18 11:52	04/11/18 14:22	5

Method: 6020 - Metals (ICP/MS) - Total Recoverable - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	340		2.5	1.3	mg/L		04/09/18 11:52	04/11/18 21:04	50
Silicon	6.6		1.0	0.59	mg/L		04/09/18 11:52	04/11/18 21:04	50

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Total	6.5		1.0	0.98	mg/L			04/04/18 10:22	1
Bicarbonate Alkalinity as CaCO3	6.5		1.0	0.98	mg/L			04/04/18 10:22	1
Carbonate Alkalinity as CaCO3	<0.98		1.0	0.98	mg/L			04/04/18 10:22	1
Total Dissolved Solids	1900		5.6	3.8	mg/L			04/04/18 16:33	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
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
E	Result exceeded calibration range.

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
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)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
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)

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Wansley

TestAmerica Job ID: 400-151568-1
SDG: Ash Pond

Client Sample ID: WGWA-2
Date Collected: 03/27/18 15:05
Date Received: 03/30/18 11:14

Lab Sample ID: 400-151568-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	393342	04/10/18 00:52	JAW	TAL PEN
Total Recoverable	Prep	3005A			393140	04/08/18 13:48	DN1	TAL PEN
Total Recoverable	Analysis	6020		5	393655	04/11/18 18:04	DRE	TAL PEN
Total Recoverable	Prep	3005A	DL		393140	04/08/18 13:48	DN1	TAL PEN
Total Recoverable	Analysis	6020	DL	100	393655	04/11/18 18:49	DRE	TAL PEN
Total/NA	Analysis	SM 2320B		1	392350	04/02/18 10:32	BAB	TAL PEN
Total/NA	Analysis	SM 2540C		1	392521	04/03/18 16:48	TET	TAL PEN

Client Sample ID: WGWA-1
Date Collected: 03/27/18 15:55
Date Received: 03/30/18 11:14

Lab Sample ID: 400-151568-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	393342	04/10/18 02:00	JAW	TAL PEN
Total Recoverable	Prep	3005A			393140	04/08/18 13:48	DN1	TAL PEN
Total Recoverable	Analysis	6020		5	393655	04/11/18 15:52	DRE	TAL PEN
Total Recoverable	Prep	3005A	DL		393140	04/08/18 13:48	DN1	TAL PEN
Total Recoverable	Analysis	6020	DL	50	393655	04/11/18 18:54	DRE	TAL PEN
Total/NA	Analysis	SM 2320B		1	392350	04/02/18 10:42	BAB	TAL PEN
Total/NA	Analysis	SM 2540C		1	392521	04/03/18 16:48	TET	TAL PEN

Client Sample ID: WGWA-3
Date Collected: 03/28/18 12:20
Date Received: 03/30/18 11:14

Lab Sample ID: 400-151568-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	393342	04/10/18 02:23	JAW	TAL PEN
Total Recoverable	Prep	3005A			393140	04/08/18 13:48	DN1	TAL PEN
Total Recoverable	Analysis	6020		5	393655	04/11/18 15:57	DRE	TAL PEN
Total Recoverable	Prep	3005A	DL		393140	04/08/18 13:48	DN1	TAL PEN
Total Recoverable	Analysis	6020	DL	50	393655	04/11/18 18:58	DRE	TAL PEN
Total/NA	Analysis	SM 2320B		1	392350	04/02/18 10:47	BAB	TAL PEN
Total/NA	Analysis	SM 2540C		1	392677	04/04/18 16:33	TET	TAL PEN

Client Sample ID: WGWA-4
Date Collected: 03/28/18 11:15
Date Received: 03/30/18 11:14

Lab Sample ID: 400-151568-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	393342	04/10/18 02:46	JAW	TAL PEN
Total Recoverable	Prep	3005A			393140	04/08/18 13:48	DN1	TAL PEN
Total Recoverable	Analysis	6020		5	393655	04/11/18 16:01	DRE	TAL PEN

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Wansley

TestAmerica Job ID: 400-151568-1
SDG: Ash Pond

Client Sample ID: WGWA-4
Lab Sample ID: 400-151568-4
Date Collected: 03/28/18 11:15
Matrix: Water
Date Received: 03/30/18 11:14

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A	DL		393140	04/08/18 13:48	DN1	TAL PEN
Total Recoverable	Analysis	6020	DL	100	393655	04/11/18 19:03	DRE	TAL PEN
Total/NA	Analysis	SM 2320B		1	392350	04/02/18 10:52	BAB	TAL PEN
Total/NA	Analysis	SM 2540C		1	392677	04/04/18 16:33	TET	TAL PEN

Client Sample ID: FB-1-3-28-18
Lab Sample ID: 400-151568-5
Date Collected: 03/28/18 10:00
Matrix: Water
Date Received: 03/30/18 11:14

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	393342	04/10/18 03:09	JAW	TAL PEN
Total Recoverable	Prep	3005A			393140	04/08/18 13:48	DN1	TAL PEN
Total Recoverable	Analysis	6020		5	393655	04/11/18 16:28	DRE	TAL PEN
Total/NA	Analysis	SM 2320B		1	392350	04/02/18 10:57	BAB	TAL PEN
Total/NA	Analysis	SM 2540C		1	392677	04/04/18 16:33	TET	TAL PEN

Client Sample ID: WGWA-7
Lab Sample ID: 400-151568-6
Date Collected: 03/28/18 13:25
Matrix: Water
Date Received: 03/30/18 11:14

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	393342	04/10/18 04:17	JAW	TAL PEN
Total Recoverable	Prep	3005A			393140	04/08/18 13:48	DN1	TAL PEN
Total Recoverable	Analysis	6020		5	393655	04/11/18 16:33	DRE	TAL PEN
Total Recoverable	Prep	3005A	DL		393140	04/08/18 13:48	DN1	TAL PEN
Total Recoverable	Analysis	6020	DL	50	393655	04/11/18 19:07	DRE	TAL PEN
Total/NA	Analysis	SM 2320B		1	392350	04/02/18 11:01	BAB	TAL PEN
Total/NA	Analysis	SM 2540C		1	392677	04/04/18 16:33	TET	TAL PEN

Client Sample ID: WGWA-6
Lab Sample ID: 400-151568-7
Date Collected: 03/28/18 10:15
Matrix: Water
Date Received: 03/30/18 11:14

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	393342	04/10/18 04:40	JAW	TAL PEN
Total Recoverable	Prep	3005A			393140	04/08/18 13:48	DN1	TAL PEN
Total Recoverable	Analysis	6020		5	393655	04/11/18 16:42	DRE	TAL PEN
Total Recoverable	Prep	3005A	DL		393140	04/08/18 13:48	DN1	TAL PEN
Total Recoverable	Analysis	6020	DL	100	393655	04/11/18 19:12	DRE	TAL PEN
Total/NA	Analysis	SM 2320B		1	392350	04/02/18 11:08	BAB	TAL PEN
Total/NA	Analysis	SM 2540C		1	392677	04/04/18 16:33	TET	TAL PEN

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Wansley

TestAmerica Job ID: 400-151568-1
SDG: Ash Pond

Client Sample ID: DUP-1
Date Collected: 03/28/18 00:00
Date Received: 03/30/18 11:14

Lab Sample ID: 400-151568-8
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	393342	04/10/18 05:03	JAW	TAL PEN
Total Recoverable	Prep	3005A			393140	04/08/18 13:48	DN1	TAL PEN
Total Recoverable	Analysis	6020		5	393655	04/11/18 16:37	DRE	TAL PEN
Total Recoverable	Prep	3005A	DL		393140	04/08/18 13:48	DN1	TAL PEN
Total Recoverable	Analysis	6020	DL	100	393655	04/11/18 19:16	DRE	TAL PEN
Total/NA	Analysis	SM 2320B		1	392350	04/02/18 11:14	BAB	TAL PEN
Total/NA	Analysis	SM 2540C		1	392521	04/03/18 16:48	TET	TAL PEN

Client Sample ID: WGWA-5
Date Collected: 03/28/18 14:15
Date Received: 03/31/18 08:46

Lab Sample ID: 400-151568-9
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	393342	04/10/18 05:26	JAW	TAL PEN
Total Recoverable	Prep	3005A			393140	04/08/18 13:48	DN1	TAL PEN
Total Recoverable	Analysis	6020		5	393655	04/11/18 16:46	DRE	TAL PEN
Total Recoverable	Prep	3005A	DL		393140	04/08/18 13:48	DN1	TAL PEN
Total Recoverable	Analysis	6020	DL	50	393655	04/11/18 19:21	DRE	TAL PEN
Total/NA	Analysis	SM 2320B		1	392350	04/02/18 11:26	BAB	TAL PEN
Total/NA	Analysis	SM 2540C		1	392677	04/04/18 16:33	TET	TAL PEN

Client Sample ID: WGWA-18
Date Collected: 03/28/18 15:20
Date Received: 03/31/18 08:46

Lab Sample ID: 400-151568-10
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	393342	04/10/18 05:49	JAW	TAL PEN
Total Recoverable	Prep	3005A			393140	04/08/18 13:48	DN1	TAL PEN
Total Recoverable	Analysis	6020		5	393655	04/11/18 16:51	DRE	TAL PEN
Total Recoverable	Prep	3005A	DL		393140	04/08/18 13:48	DN1	TAL PEN
Total Recoverable	Analysis	6020	DL	50	393655	04/11/18 19:25	DRE	TAL PEN
Total/NA	Analysis	SM 2320B		1	392350	04/02/18 11:55	BAB	TAL PEN
Total/NA	Analysis	SM 2540C		1	392677	04/04/18 16:33	TET	TAL PEN

Client Sample ID: WGWC-19
Date Collected: 03/29/18 10:45
Date Received: 03/31/18 08:46

Lab Sample ID: 400-151568-11
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	393342	04/10/18 06:12	JAW	TAL PEN
Total Recoverable	Prep	3005A			393140	04/08/18 13:48	DN1	TAL PEN
Total Recoverable	Analysis	6020		5	393655	04/11/18 16:55	DRE	TAL PEN

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Wansley

TestAmerica Job ID: 400-151568-1
SDG: Ash Pond

Client Sample ID: WGWC-19 — Lab Sample ID: 400-151568-11

Date Collected: 03/29/18 10:45 — **Matrix: Water**
Date Received: 03/31/18 08:46

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A	DL		393140	04/08/18 13:48	DN1	TAL PEN
Total Recoverable	Analysis	6020	DL	100	393655	04/11/18 19:52	DRE	TAL PEN
Total/NA	Analysis	SM 2320B		1	392679	04/04/18 10:27	BAB	TAL PEN
Total/NA	Analysis	SM 2540C		1	392890	04/05/18 16:47	TET	TAL PEN

Client Sample ID: WGWC-8 — Lab Sample ID: 400-151568-12

Date Collected: 03/29/18 14:05 — **Matrix: Water**
Date Received: 03/31/18 08:46

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		5	393353	04/10/18 21:02	JAW	TAL PEN
Total Recoverable	Prep	3005A			393140	04/08/18 13:48	DN1	TAL PEN
Total Recoverable	Analysis	6020		5	393655	04/11/18 17:00	DRE	TAL PEN
Total Recoverable	Prep	3005A	DL		393140	04/08/18 13:48	DN1	TAL PEN
Total Recoverable	Analysis	6020	DL	200	393655	04/11/18 19:57	DRE	TAL PEN
Total/NA	Analysis	SM 2320B		1	392679	04/04/18 11:37	BAB	TAL PEN
Total/NA	Analysis	SM 2540C		1	392890	04/05/18 16:47	TET	TAL PEN

Client Sample ID: WGWC-9 — Lab Sample ID: 400-151568-13

Date Collected: 03/29/18 12:30 — **Matrix: Water**
Date Received: 03/31/18 08:46

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	393342	04/10/18 07:20	JAW	TAL PEN
Total Recoverable	Prep	3005A			393140	04/08/18 13:48	DN1	TAL PEN
Total Recoverable	Analysis	6020		5	393655	04/11/18 17:04	DRE	TAL PEN
Total Recoverable	Prep	3005A	DL		393140	04/08/18 13:48	DN1	TAL PEN
Total Recoverable	Analysis	6020	DL	200	393655	04/11/18 20:01	DRE	TAL PEN
Total/NA	Analysis	SM 2320B		1	392679	04/04/18 11:40	BAB	TAL PEN
Total/NA	Analysis	SM 2540C		1	392890	04/05/18 16:47	TET	TAL PEN

Client Sample ID: FB-2-3-29-18 — Lab Sample ID: 400-151568-14

Date Collected: 03/29/18 13:40 — **Matrix: Water**
Date Received: 03/31/18 08:46

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	393342	04/10/18 07:43	JAW	TAL PEN
Total Recoverable	Prep	3005A			393140	04/08/18 13:48	DN1	TAL PEN
Total Recoverable	Analysis	6020		5	393655	04/11/18 17:10	DRE	TAL PEN
Total/NA	Analysis	SM 2320B		1	392679	04/04/18 11:45	BAB	TAL PEN
Total/NA	Analysis	SM 2540C		1	392890	04/05/18 16:47	TET	TAL PEN

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Wansley

TestAmerica Job ID: 400-151568-1
SDG: Ash Pond

Client Sample ID: WGWC-14A
Lab Sample ID: 400-151568-15
Date Collected: 03/29/18 15:00
Matrix: Water
Date Received: 03/31/18 08:46

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	393342	04/10/18 08:51	JAW	TAL PEN
Total Recoverable	Prep	3005A			393140	04/08/18 13:48	DN1	TAL PEN
Total Recoverable	Analysis	6020		5	393655	04/11/18 17:37	DRE	TAL PEN
Total Recoverable	Prep	3005A	DL		393140	04/08/18 13:48	DN1	TAL PEN
Total Recoverable	Analysis	6020	DL	50	393655	04/11/18 20:06	DRE	TAL PEN
Total/NA	Analysis	SM 2320B		1	392679	04/04/18 11:50	BAB	TAL PEN
Total/NA	Analysis	SM 2540C		1	392890	04/05/18 16:47	TET	TAL PEN

Client Sample ID: WGWC-13
Lab Sample ID: 400-151568-16
Date Collected: 03/29/18 13:30
Matrix: Water
Date Received: 03/31/18 08:46

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	393342	04/10/18 09:14	JAW	TAL PEN
Total Recoverable	Prep	3005A			393140	04/08/18 13:48	DN1	TAL PEN
Total Recoverable	Analysis	6020		5	393655	04/11/18 17:42	DRE	TAL PEN
Total Recoverable	Prep	3005A	DL		393140	04/08/18 13:48	DN1	TAL PEN
Total Recoverable	Analysis	6020	DL	200	393655	04/11/18 20:10	DRE	TAL PEN
Total/NA	Analysis	SM 2320B		1	392679	04/04/18 11:56	BAB	TAL PEN
Total/NA	Analysis	SM 2540C		1	392890	04/05/18 16:47	TET	TAL PEN

Client Sample ID: WGWC-11
Lab Sample ID: 400-151568-17
Date Collected: 03/29/18 12:10
Matrix: Water
Date Received: 03/31/18 08:46

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	393342	04/10/18 09:37	JAW	TAL PEN
Total Recoverable	Prep	3005A			393140	04/08/18 13:48	DN1	TAL PEN
Total Recoverable	Analysis	6020		5	393655	04/11/18 17:46	DRE	TAL PEN
Total Recoverable	Prep	3005A	DL		393140	04/08/18 13:48	DN1	TAL PEN
Total Recoverable	Analysis	6020	DL	50	393655	04/11/18 20:15	DRE	TAL PEN
Total/NA	Analysis	SM 2320B		1	392679	04/04/18 12:02	BAB	TAL PEN
Total/NA	Analysis	SM 2540C		1	392890	04/05/18 16:47	TET	TAL PEN

Client Sample ID: WGWC-12
Lab Sample ID: 400-151568-18
Date Collected: 03/29/18 11:05
Matrix: Water
Date Received: 03/31/18 08:46

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	393342	04/10/18 10:00	JAW	TAL PEN
Total Recoverable	Prep	3005A			393140	04/08/18 13:48	DN1	TAL PEN
Total Recoverable	Analysis	6020		5	393655	04/11/18 17:51	DRE	TAL PEN

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Wansley

TestAmerica Job ID: 400-151568-1
SDG: Ash Pond

Client Sample ID: WGWC-12 — Lab Sample ID: 400-151568-18

Date Collected: 03/29/18 11:05 — **Matrix: Water**
Date Received: 03/31/18 08:46

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A	DL		393140	04/08/18 13:48	DN1	TAL PEN
Total Recoverable	Analysis	6020	DL	100	393655	04/11/18 20:19	DRE	TAL PEN
Total/NA	Analysis	SM 2320B		1	392679	04/04/18 12:07	BAB	TAL PEN
Total/NA	Analysis	SM 2540C		1	392890	04/05/18 16:47	TET	TAL PEN

Client Sample ID: EB-1-3-29-18 — Lab Sample ID: 400-151568-19

Date Collected: 03/29/18 10:00 — **Matrix: Water**
Date Received: 03/31/18 08:46

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	393342	04/10/18 10:23	JAW	TAL PEN
Total Recoverable	Prep	3005A			393140	04/08/18 13:48	DN1	TAL PEN
Total Recoverable	Analysis	6020		5	393655	04/11/18 17:55	DRE	TAL PEN
Total/NA	Analysis	SM 2320B		1	392679	04/04/18 12:12	BAB	TAL PEN
Total/NA	Analysis	SM 2540C		1	392890	04/05/18 16:47	TET	TAL PEN

Client Sample ID: WGWC-15 — Lab Sample ID: 400-151568-20

Date Collected: 03/30/18 10:10 — **Matrix: Water**
Date Received: 04/03/18 09:32

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	393342	04/10/18 10:45	JAW	TAL PEN
Total Recoverable	Prep	3005A			393140	04/08/18 13:48	DN1	TAL PEN
Total Recoverable	Analysis	6020		5	393655	04/11/18 18:00	DRE	TAL PEN
Total Recoverable	Prep	3005A	DL		393140	04/08/18 13:48	DN1	TAL PEN
Total Recoverable	Analysis	6020	DL	100	393655	04/11/18 20:24	DRE	TAL PEN
Total/NA	Analysis	SM 2320B		1	392895	04/05/18 16:09	BAB	TAL PEN
Total/NA	Analysis	SM 2540C		1	393041	04/06/18 16:58	TET	TAL PEN

Client Sample ID: EB-2-3-30-18 — Lab Sample ID: 400-151568-21

Date Collected: 03/30/18 09:50 — **Matrix: Water**
Date Received: 04/03/18 09:32

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	393353	04/10/18 13:05	JAW	TAL PEN
Total Recoverable	Prep	3005A			393192	04/09/18 11:52	DN1	TAL PEN
Total Recoverable	Analysis	6020		5	393655	04/11/18 14:04	DRE	TAL PEN
Total/NA	Analysis	SM 2320B		1	392895	04/05/18 16:26	BAB	TAL PEN
Total/NA	Analysis	SM 2540C		1	393041	04/06/18 16:58	TET	TAL PEN

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Wansley

TestAmerica Job ID: 400-151568-1
SDG: Ash Pond

Client Sample ID: WGWC-17 — Lab Sample ID: 400-151568-22

Date Collected: 03/30/18 11:20 — **Matrix: Water**
Date Received: 04/03/18 09:32

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	393353	04/10/18 13:28	JAW	TAL PEN
Total Recoverable	Prep	3005A			393192	04/09/18 11:52	DN1	TAL PEN
Total Recoverable	Analysis	6020		5	393655	04/11/18 14:09	DRE	TAL PEN
Total Recoverable	Prep	3005A	DL		393192	04/09/18 11:52	DN1	TAL PEN
Total Recoverable	Analysis	6020	DL	100	393655	04/11/18 20:28	DRE	TAL PEN
Total/NA	Analysis	SM 2320B		1	392895	04/05/18 16:14	BAB	TAL PEN
Total/NA	Analysis	SM 2540C		1	393041	04/06/18 16:58	TET	TAL PEN

Client Sample ID: WGWC-10 — Lab Sample ID: 400-151568-23

Date Collected: 03/30/18 12:35 — **Matrix: Water**
Date Received: 04/03/18 09:32

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		1	393353	04/10/18 14:36	JAW	TAL PEN
Total Recoverable	Prep	3005A			393192	04/09/18 11:52	DN1	TAL PEN
Total Recoverable	Analysis	6020		5	393655	04/11/18 14:13	DRE	TAL PEN
Total Recoverable	Prep	3005A	DL		393192	04/09/18 11:52	DN1	TAL PEN
Total Recoverable	Analysis	6020	DL	50	393655	04/11/18 20:33	DRE	TAL PEN
Total/NA	Analysis	SM 2320B		1	392895	04/05/18 16:21	BAB	TAL PEN
Total/NA	Analysis	SM 2540C		1	393041	04/06/18 16:58	TET	TAL PEN

Client Sample ID: WGWC-16 — Lab Sample ID: 400-151568-24

Date Collected: 03/29/18 15:20 — **Matrix: Water**
Date Received: 04/03/18 09:32

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		20	393588	04/11/18 12:58	JAW	TAL PEN
Total Recoverable	Prep	3005A			393192	04/09/18 11:52	DN1	TAL PEN
Total Recoverable	Analysis	6020		5	393655	04/11/18 14:18	DRE	TAL PEN
Total Recoverable	Prep	3005A	DL		393192	04/09/18 11:52	DN1	TAL PEN
Total Recoverable	Analysis	6020	DL	50	393655	04/11/18 21:00	DRE	TAL PEN
Total/NA	Analysis	SM 2320B		1	392895	04/05/18 15:56	BAB	TAL PEN
Total/NA	Analysis	SM 2540C		1	392890	04/05/18 16:47	TET	TAL PEN

Client Sample ID: DUP-2 — Lab Sample ID: 400-151568-25

Date Collected: 03/29/18 00:00 — **Matrix: Water**
Date Received: 04/03/18 09:32

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		20	393588	04/11/18 13:21	JAW	TAL PEN
Total Recoverable	Prep	3005A			393192	04/09/18 11:52	DN1	TAL PEN
Total Recoverable	Analysis	6020		5	393655	04/11/18 14:22	DRE	TAL PEN

Lab Chronicle

Client: Southern Company
Project/Site: CCR - Plant Wansley

TestAmerica Job ID: 400-151568-1
SDG: Ash Pond

Client Sample ID: DUP-2

Date Collected: 03/29/18 00:00
Date Received: 04/03/18 09:32

Lab Sample ID: 400-151568-25

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A	DL		393192	04/09/18 11:52	DN1	TAL PEN
Total Recoverable	Analysis	6020	DL	50	393655	04/11/18 21:04	DRE	TAL PEN
Total/NA	Analysis	SM 2320B		1	392679	04/04/18 10:22	BAB	TAL PEN
Total/NA	Analysis	SM 2540C		1	392677	04/04/18 16:33	TET	TAL PEN

Laboratory References:

TAL PEN = TestAmerica Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

QC Association Summary

Client: Southern Company
Project/Site: CCR - Plant Wansley

TestAmerica Job ID: 400-151568-1
SDG: Ash Pond

HPLC/IC

Analysis Batch: 393342

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-151568-1	WGWA-2	Total/NA	Water	300.0	
400-151568-2	WGWA-1	Total/NA	Water	300.0	
400-151568-3	WGWA-3	Total/NA	Water	300.0	
400-151568-4	WGWA-4	Total/NA	Water	300.0	
400-151568-5	FB-1-3-28-18	Total/NA	Water	300.0	
400-151568-6	WGWA-7	Total/NA	Water	300.0	
400-151568-7	WGWA-6	Total/NA	Water	300.0	
400-151568-8	DUP-1	Total/NA	Water	300.0	
400-151568-9	WGWA-5	Total/NA	Water	300.0	
400-151568-10	WGWA-18	Total/NA	Water	300.0	
400-151568-11	WGWC-19	Total/NA	Water	300.0	
400-151568-13	WGWC-9	Total/NA	Water	300.0	
400-151568-14	FB-2-3-29-18	Total/NA	Water	300.0	
400-151568-15	WGWC-14A	Total/NA	Water	300.0	
400-151568-16	WGWC-13	Total/NA	Water	300.0	
400-151568-17	WGWC-11	Total/NA	Water	300.0	
400-151568-18	WGWC-12	Total/NA	Water	300.0	
400-151568-19	EB-1-3-29-18	Total/NA	Water	300.0	
400-151568-20	WGWC-15	Total/NA	Water	300.0	
MB 400-393342/36	Method Blank	Total/NA	Water	300.0	
LCS 400-393342/37	Lab Control Sample	Total/NA	Water	300.0	
LCSD 400-393342/38	Lab Control Sample Dup	Total/NA	Water	300.0	
400-151568-1 MS	WGWA-2	Total/NA	Water	300.0	
400-151568-1 MSD	WGWA-2	Total/NA	Water	300.0	

Analysis Batch: 393353

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-151568-12	WGWC-8	Total/NA	Water	300.0	
400-151568-21	EB-2-3-30-18	Total/NA	Water	300.0	
400-151568-22	WGWC-17	Total/NA	Water	300.0	
400-151568-23	WGWC-10	Total/NA	Water	300.0	
MB 400-393353/4	Method Blank	Total/NA	Water	300.0	
LCS 400-393353/5	Lab Control Sample	Total/NA	Water	300.0	
LCSD 400-393353/6	Lab Control Sample Dup	Total/NA	Water	300.0	
400-151568-22 MS	WGWC-17	Total/NA	Water	300.0	
400-151568-22 MSD	WGWC-17	Total/NA	Water	300.0	

Analysis Batch: 393588

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-151568-24	WGWC-16	Total/NA	Water	300.0	
400-151568-25	DUP-2	Total/NA	Water	300.0	
MB 400-393588/4	Method Blank	Total/NA	Water	300.0	
LCS 400-393588/5	Lab Control Sample	Total/NA	Water	300.0	
LCSD 400-393588/6	Lab Control Sample Dup	Total/NA	Water	300.0	
400-151836-D-1 MS	Matrix Spike	Total/NA	Water	300.0	
400-151836-D-1 MSD	Matrix Spike Duplicate	Total/NA	Water	300.0	

QC Association Summary

Client: Southern Company
Project/Site: CCR - Plant Wansley

TestAmerica Job ID: 400-151568-1
SDG: Ash Pond

Metals

Prep Batch: 393140

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-151568-1	WGWA-2	Total Recoverable	Water	3005A	
400-151568-1 - DL	WGWA-2	Total Recoverable	Water	3005A	
400-151568-2 - DL	WGWA-1	Total Recoverable	Water	3005A	
400-151568-2	WGWA-1	Total Recoverable	Water	3005A	
400-151568-3 - DL	WGWA-3	Total Recoverable	Water	3005A	
400-151568-3	WGWA-3	Total Recoverable	Water	3005A	
400-151568-4	WGWA-4	Total Recoverable	Water	3005A	
400-151568-4 - DL	WGWA-4	Total Recoverable	Water	3005A	
400-151568-5	FB-1-3-28-18	Total Recoverable	Water	3005A	
400-151568-6 - DL	WGWA-7	Total Recoverable	Water	3005A	
400-151568-6	WGWA-7	Total Recoverable	Water	3005A	
400-151568-7	WGWA-6	Total Recoverable	Water	3005A	
400-151568-7 - DL	WGWA-6	Total Recoverable	Water	3005A	
400-151568-8	DUP-1	Total Recoverable	Water	3005A	
400-151568-8 - DL	DUP-1	Total Recoverable	Water	3005A	
400-151568-9	WGWA-5	Total Recoverable	Water	3005A	
400-151568-9 - DL	WGWA-5	Total Recoverable	Water	3005A	
400-151568-10 - DL	WGWA-18	Total Recoverable	Water	3005A	
400-151568-10	WGWA-18	Total Recoverable	Water	3005A	
400-151568-11 - DL	WGWC-19	Total Recoverable	Water	3005A	
400-151568-11	WGWC-19	Total Recoverable	Water	3005A	
400-151568-12 - DL	WGWC-8	Total Recoverable	Water	3005A	
400-151568-12	WGWC-8	Total Recoverable	Water	3005A	
400-151568-13 - DL	WGWC-9	Total Recoverable	Water	3005A	
400-151568-13	WGWC-9	Total Recoverable	Water	3005A	
400-151568-14	FB-2-3-29-18	Total Recoverable	Water	3005A	
400-151568-15	WGWC-14A	Total Recoverable	Water	3005A	
400-151568-15 - DL	WGWC-14A	Total Recoverable	Water	3005A	
400-151568-16 - DL	WGWC-13	Total Recoverable	Water	3005A	
400-151568-16	WGWC-13	Total Recoverable	Water	3005A	
400-151568-17	WGWC-11	Total Recoverable	Water	3005A	
400-151568-17 - DL	WGWC-11	Total Recoverable	Water	3005A	
400-151568-18	WGWC-12	Total Recoverable	Water	3005A	
400-151568-18 - DL	WGWC-12	Total Recoverable	Water	3005A	
400-151568-19	EB-1-3-29-18	Total Recoverable	Water	3005A	
400-151568-20 - DL	WGWC-15	Total Recoverable	Water	3005A	
400-151568-20	WGWC-15	Total Recoverable	Water	3005A	
MB 400-393140/1-A ^5	Method Blank	Total Recoverable	Water	3005A	
LCS 400-393140/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
400-151568-1 MS	WGWA-2	Total Recoverable	Water	3005A	
400-151568-1 MSD	WGWA-2	Total Recoverable	Water	3005A	

Prep Batch: 393192

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-151568-21	EB-2-3-30-18	Total Recoverable	Water	3005A	
400-151568-22	WGWC-17	Total Recoverable	Water	3005A	
400-151568-22 - DL	WGWC-17	Total Recoverable	Water	3005A	
400-151568-23	WGWC-10	Total Recoverable	Water	3005A	
400-151568-23 - DL	WGWC-10	Total Recoverable	Water	3005A	
400-151568-24	WGWC-16	Total Recoverable	Water	3005A	
400-151568-24 - DL	WGWC-16	Total Recoverable	Water	3005A	

Metals (Continued)

Prep Batch: 393192 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-151568-25	DUP-2	Total Recoverable	Water	3005A	
400-151568-25 - DL	DUP-2	Total Recoverable	Water	3005A	
MB 400-393192/1-A ^5	Method Blank	Total Recoverable	Water	3005A	
LCS 400-393192/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
400-151567-B-11-B MS ^5	Matrix Spike	Total Recoverable	Water	3005A	
400-151567-B-11-C MSD ^5	Matrix Spike Duplicate	Total Recoverable	Water	3005A	

Analysis Batch: 393655

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-151568-1	WGWA-2	Total Recoverable	Water	6020	393140
400-151568-1 - DL	WGWA-2	Total Recoverable	Water	6020	393140
400-151568-2	WGWA-1	Total Recoverable	Water	6020	393140
400-151568-2 - DL	WGWA-1	Total Recoverable	Water	6020	393140
400-151568-3	WGWA-3	Total Recoverable	Water	6020	393140
400-151568-3 - DL	WGWA-3	Total Recoverable	Water	6020	393140
400-151568-4	WGWA-4	Total Recoverable	Water	6020	393140
400-151568-4 - DL	WGWA-4	Total Recoverable	Water	6020	393140
400-151568-5	FB-1-3-28-18	Total Recoverable	Water	6020	393140
400-151568-6	WGWA-7	Total Recoverable	Water	6020	393140
400-151568-6 - DL	WGWA-7	Total Recoverable	Water	6020	393140
400-151568-7	WGWA-6	Total Recoverable	Water	6020	393140
400-151568-7 - DL	WGWA-6	Total Recoverable	Water	6020	393140
400-151568-8	DUP-1	Total Recoverable	Water	6020	393140
400-151568-8 - DL	DUP-1	Total Recoverable	Water	6020	393140
400-151568-9	WGWA-5	Total Recoverable	Water	6020	393140
400-151568-9 - DL	WGWA-5	Total Recoverable	Water	6020	393140
400-151568-10	WGWA-18	Total Recoverable	Water	6020	393140
400-151568-10 - DL	WGWA-18	Total Recoverable	Water	6020	393140
400-151568-11	WGWC-19	Total Recoverable	Water	6020	393140
400-151568-11 - DL	WGWC-19	Total Recoverable	Water	6020	393140
400-151568-12	WGWC-8	Total Recoverable	Water	6020	393140
400-151568-12 - DL	WGWC-8	Total Recoverable	Water	6020	393140
400-151568-13	WGWC-9	Total Recoverable	Water	6020	393140
400-151568-13 - DL	WGWC-9	Total Recoverable	Water	6020	393140
400-151568-14	FB-2-3-29-18	Total Recoverable	Water	6020	393140
400-151568-15	WGWC-14A	Total Recoverable	Water	6020	393140
400-151568-15 - DL	WGWC-14A	Total Recoverable	Water	6020	393140
400-151568-16	WGWC-13	Total Recoverable	Water	6020	393140
400-151568-16 - DL	WGWC-13	Total Recoverable	Water	6020	393140
400-151568-17	WGWC-11	Total Recoverable	Water	6020	393140
400-151568-17 - DL	WGWC-11	Total Recoverable	Water	6020	393140
400-151568-18	WGWC-12	Total Recoverable	Water	6020	393140
400-151568-18 - DL	WGWC-12	Total Recoverable	Water	6020	393140
400-151568-19	EB-1-3-29-18	Total Recoverable	Water	6020	393140
400-151568-20	WGWC-15	Total Recoverable	Water	6020	393140
400-151568-20 - DL	WGWC-15	Total Recoverable	Water	6020	393140
400-151568-21	EB-2-3-30-18	Total Recoverable	Water	6020	393192
400-151568-22	WGWC-17	Total Recoverable	Water	6020	393192
400-151568-22 - DL	WGWC-17	Total Recoverable	Water	6020	393192
400-151568-23	WGWC-10	Total Recoverable	Water	6020	393192
400-151568-23 - DL	WGWC-10	Total Recoverable	Water	6020	393192

Metals (Continued)

Analysis Batch: 393655 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-151568-24	WGWC-16	Total Recoverable	Water	6020	393192
400-151568-24 - DL	WGWC-16	Total Recoverable	Water	6020	393192
400-151568-25	DUP-2	Total Recoverable	Water	6020	393192
400-151568-25 - DL	DUP-2	Total Recoverable	Water	6020	393192
MB 400-393140/1-A ^5	Method Blank	Total Recoverable	Water	6020	393140
MB 400-393192/1-A ^5	Method Blank	Total Recoverable	Water	6020	393192
LCS 400-393140/2-A	Lab Control Sample	Total Recoverable	Water	6020	393140
LCS 400-393192/2-A	Lab Control Sample	Total Recoverable	Water	6020	393192
400-151567-B-11-B MS ^5	Matrix Spike	Total Recoverable	Water	6020	393192
400-151567-B-11-C MSD ^5	Matrix Spike Duplicate	Total Recoverable	Water	6020	393192
400-151568-1 MS	WGWA-2	Total Recoverable	Water	6020	393140
400-151568-1 MSD	WGWA-2	Total Recoverable	Water	6020	393140

General Chemistry

Analysis Batch: 392350

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-151568-1	WGWA-2	Total/NA	Water	SM 2320B	
400-151568-2	WGWA-1	Total/NA	Water	SM 2320B	
400-151568-3	WGWA-3	Total/NA	Water	SM 2320B	
400-151568-4	WGWA-4	Total/NA	Water	SM 2320B	
400-151568-5	FB-1-3-28-18	Total/NA	Water	SM 2320B	
400-151568-6	WGWA-7	Total/NA	Water	SM 2320B	
400-151568-7	WGWA-6	Total/NA	Water	SM 2320B	
400-151568-8	DUP-1	Total/NA	Water	SM 2320B	
400-151568-9	WGWA-5	Total/NA	Water	SM 2320B	
400-151568-10	WGWA-18	Total/NA	Water	SM 2320B	
MB 400-392350/4	Method Blank	Total/NA	Water	SM 2320B	
LCS 400-392350/5	Lab Control Sample	Total/NA	Water	SM 2320B	
400-151568-1 DU	WGWA-2	Total/NA	Water	SM 2320B	
400-151568-10 DU	WGWA-18	Total/NA	Water	SM 2320B	

Analysis Batch: 392521

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-151568-1	WGWA-2	Total/NA	Water	SM 2540C	
400-151568-2	WGWA-1	Total/NA	Water	SM 2540C	
400-151568-8	DUP-1	Total/NA	Water	SM 2540C	
MB 400-392521/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 400-392521/2	Lab Control Sample	Total/NA	Water	SM 2540C	
400-151514-A-4 DU	Duplicate	Total/NA	Water	SM 2540C	

Analysis Batch: 392677

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-151568-3	WGWA-3	Total/NA	Water	SM 2540C	
400-151568-4	WGWA-4	Total/NA	Water	SM 2540C	
400-151568-5	FB-1-3-28-18	Total/NA	Water	SM 2540C	
400-151568-6	WGWA-7	Total/NA	Water	SM 2540C	
400-151568-7	WGWA-6	Total/NA	Water	SM 2540C	
400-151568-9	WGWA-5	Total/NA	Water	SM 2540C	
400-151568-10	WGWA-18	Total/NA	Water	SM 2540C	

General Chemistry (Continued)

Analysis Batch: 392677 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-151568-25	DUP-2	Total/NA	Water	SM 2540C	
MB 400-392677/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 400-392677/2	Lab Control Sample	Total/NA	Water	SM 2540C	
400-151568-7 DU	WGWA-6	Total/NA	Water	SM 2540C	

Analysis Batch: 392679

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-151568-11	WGWC-19	Total/NA	Water	SM 2320B	
400-151568-12	WGWC-8	Total/NA	Water	SM 2320B	
400-151568-13	WGWC-9	Total/NA	Water	SM 2320B	
400-151568-14	FB-2-3-29-18	Total/NA	Water	SM 2320B	
400-151568-15	WGWC-14A	Total/NA	Water	SM 2320B	
400-151568-16	WGWC-13	Total/NA	Water	SM 2320B	
400-151568-17	WGWC-11	Total/NA	Water	SM 2320B	
400-151568-18	WGWC-12	Total/NA	Water	SM 2320B	
400-151568-19	EB-1-3-29-18	Total/NA	Water	SM 2320B	
400-151568-25	DUP-2	Total/NA	Water	SM 2320B	
MB 400-392679/4	Method Blank	Total/NA	Water	SM 2320B	
LCS 400-392679/5	Lab Control Sample	Total/NA	Water	SM 2320B	
400-151514-A-4 DU	Duplicate	Total/NA	Water	SM 2320B	
400-151668-B-2 DU	Duplicate	Total/NA	Water	SM 2320B	

Analysis Batch: 392890

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-151568-11	WGWC-19	Total/NA	Water	SM 2540C	
400-151568-12	WGWC-8	Total/NA	Water	SM 2540C	
400-151568-13	WGWC-9	Total/NA	Water	SM 2540C	
400-151568-14	FB-2-3-29-18	Total/NA	Water	SM 2540C	
400-151568-15	WGWC-14A	Total/NA	Water	SM 2540C	
400-151568-16	WGWC-13	Total/NA	Water	SM 2540C	
400-151568-17	WGWC-11	Total/NA	Water	SM 2540C	
400-151568-18	WGWC-12	Total/NA	Water	SM 2540C	
400-151568-19	EB-1-3-29-18	Total/NA	Water	SM 2540C	
400-151568-24	WGWC-16	Total/NA	Water	SM 2540C	
MB 400-392890/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 400-392890/2	Lab Control Sample	Total/NA	Water	SM 2540C	
400-151568-15 DU	WGWC-14A	Total/NA	Water	SM 2540C	

Analysis Batch: 392895

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-151568-20	WGWC-15	Total/NA	Water	SM 2320B	
400-151568-21	EB-2-3-30-18	Total/NA	Water	SM 2320B	
400-151568-22	WGWC-17	Total/NA	Water	SM 2320B	
400-151568-23	WGWC-10	Total/NA	Water	SM 2320B	
400-151568-24	WGWC-16	Total/NA	Water	SM 2320B	
MB 400-392895/4	Method Blank	Total/NA	Water	SM 2320B	
LCS 400-392895/7	Lab Control Sample	Total/NA	Water	SM 2320B	
400-151568-24 DU	WGWC-16	Total/NA	Water	SM 2320B	

General Chemistry (Continued)

Analysis Batch: 393041

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-151568-20	WGWC-15	Total/NA	Water	SM 2540C	
400-151568-21	EB-2-3-30-18	Total/NA	Water	SM 2540C	
400-151568-22	WGWC-17	Total/NA	Water	SM 2540C	
400-151568-23	WGWC-10	Total/NA	Water	SM 2540C	
MB 400-393041/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 400-393041/2	Lab Control Sample	Total/NA	Water	SM 2540C	
400-151568-20 DU	WGWC-15	Total/NA	Water	SM 2540C	

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 400-393342/36 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 393342

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.89		1.0	0.89	mg/L			04/09/18 23:43	1
Sulfate	<0.70		1.0	0.70	mg/L			04/09/18 23:43	1

Lab Sample ID: LCS 400-393342/37 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 393342

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	10.0	9.51		mg/L		95	90 - 110
Sulfate	10.0	10.0		mg/L		100	90 - 110

Lab Sample ID: LCSD 400-393342/38 — **Client Sample ID: Lab Control Sample Dup**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 393342

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	10.0	9.51		mg/L		95	90 - 110	0	15
Sulfate	10.0	9.94		mg/L		99	90 - 110	1	15

Lab Sample ID: 400-151568-1 MS — **Client Sample ID: WGWA-2**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 393342

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	2.2		10.0	11.8		mg/L		96	80 - 120
Sulfate	0.72	J	10.0	11.0		mg/L		103	80 - 120

Lab Sample ID: 400-151568-1 MSD — **Client Sample ID: WGWA-2**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 393342

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	2.2		10.0	11.9		mg/L		96	80 - 120	0	20
Sulfate	0.72	J	10.0	11.1		mg/L		103	80 - 120	0	20

Lab Sample ID: MB 400-393353/4 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 393353

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.89		1.0	0.89	mg/L			04/10/18 11:56	1
Sulfate	<0.70		1.0	0.70	mg/L			04/10/18 11:56	1

Lab Sample ID: LCS 400-393353/5 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 393353

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	10.0	9.47		mg/L		95	90 - 110

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 400-393353/5 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 393353

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Sulfate			10.0	9.85		mg/L		99	90 - 110		

Lab Sample ID: LCSD 400-393353/6 — **Client Sample ID: Lab Control Sample Dup**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 393353

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride			10.0	9.45		mg/L		95	90 - 110	0	15
Sulfate			10.0	9.87		mg/L		99	90 - 110	0	15

Lab Sample ID: 400-151568-22 MS — **Client Sample ID: WGWC-17**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 393353

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride	1.5		10.0	11.1		mg/L		96	80 - 120		
Sulfate	16		10.0	26.1		mg/L		99	80 - 120		

Lab Sample ID: 400-151568-22 MSD — **Client Sample ID: WGWC-17**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 393353

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	1.5		10.0	11.1		mg/L		96	80 - 120	0	20
Sulfate	16		10.0	26.1		mg/L		100	80 - 120	0	20

Lab Sample ID: MB 400-393588/4 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 393588

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.89		1.0	0.89	mg/L			04/11/18 10:41	1
Sulfate	<0.70		1.0	0.70	mg/L			04/11/18 10:41	1

Lab Sample ID: LCS 400-393588/5 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 393588

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride			10.0	9.49		mg/L		95	90 - 110		
Sulfate			10.0	9.80		mg/L		98	90 - 110		

Lab Sample ID: LCSD 400-393588/6 — **Client Sample ID: Lab Control Sample Dup**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 393588

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride			10.0	9.37		mg/L		94	90 - 110	1	15
Sulfate			10.0	9.70		mg/L		97	90 - 110	1	15

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 400-151836-D-1 MS — **Client Sample ID: Matrix Spike**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 393588

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	23		10.0	32.2		mg/L		93	80 - 120
Sulfate	12		10.0	22.2		mg/L		102	80 - 120

Lab Sample ID: 400-151836-D-1 MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 393588

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	23		10.0	32.3		mg/L		93	80 - 120	0	20
Sulfate	12		10.0	22.3		mg/L		103	80 - 120	0	20

Method: 6020 - Metals (ICP/MS)

Lab Sample ID: MB 400-393140/1-A ^5 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 393655 — **Prep Batch: 393140**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	<0.13		0.25	0.13	mg/L		04/08/18 13:48	04/11/18 15:39	5
Magnesium	<0.032		0.13	0.032	mg/L		04/08/18 13:48	04/11/18 15:39	5
Potassium	<0.11		0.25	0.11	mg/L		04/08/18 13:48	04/11/18 15:39	5
Sodium	<0.17		0.25	0.17	mg/L		04/08/18 13:48	04/11/18 15:39	5
Silicon	<0.059		0.10	0.059	mg/L		04/08/18 13:48	04/11/18 15:39	5

Lab Sample ID: LCS 400-393140/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 393655 — **Prep Batch: 393140**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Calcium	5.00	5.08		mg/L		102	80 - 120
Magnesium	5.00	5.03		mg/L		101	80 - 120
Potassium	5.00	5.01		mg/L		100	80 - 120
Sodium	5.00	5.11		mg/L		102	80 - 120
Silicon	0.0500	0.0556		mg/L		111	80 - 120

Lab Sample ID: 400-151568-1 MS — **Client Sample ID: WGWA-2**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 393655 — **Prep Batch: 393140**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Calcium	15		5.00	19.8		mg/L		95	75 - 125
Magnesium	5.0		5.00	10.1		mg/L		101	75 - 125
Potassium	2.7		5.00	7.87		mg/L		103	75 - 125
Sodium	9.0		5.00	14.0		mg/L		101	75 - 125
Silicon	13	E	0.0500	12.8	E 4	mg/L		-267	75 - 125

Method: 6020 - Metals (ICP/MS) (Continued)

Lab Sample ID: 400-151568-1 MSD — **Client Sample ID: WGWA-2**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 393655 — **Prep Batch: 393140**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Calcium	15		5.00	20.1		mg/L		101	75 - 125	1	20
Magnesium	5.0		5.00	10.2		mg/L		103	75 - 125	1	20
Potassium	2.7		5.00	7.83		mg/L		102	75 - 125	1	20
Sodium	9.0		5.00	14.1		mg/L		102	75 - 125	0	20
Silicon	13	E	0.0500	13.0	E 4	mg/L		132	75 - 125	2	20

Lab Sample ID: MB 400-393192/1-A ^5 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 393655 — **Prep Batch: 393192**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	<0.13		0.25	0.13	mg/L		04/09/18 11:52	04/11/18 12:52	5
Magnesium	<0.032		0.13	0.032	mg/L		04/09/18 11:52	04/11/18 12:52	5
Potassium	<0.11		0.25	0.11	mg/L		04/09/18 11:52	04/11/18 12:52	5
Sodium	<0.17		0.25	0.17	mg/L		04/09/18 11:52	04/11/18 12:52	5
Silicon	<0.059		0.10	0.059	mg/L		04/09/18 11:52	04/11/18 12:52	5

Lab Sample ID: LCS 400-393192/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 393655 — **Prep Batch: 393192**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Calcium	5.00	5.12		mg/L		102	80 - 120
Magnesium	5.00	5.05		mg/L		101	80 - 120
Potassium	5.00	5.03		mg/L		101	80 - 120
Sodium	5.00	5.13		mg/L		103	80 - 120
Silicon	0.0500	0.0577		mg/L		115	80 - 120

Lab Sample ID: 400-151567-B-11-B MS ^5 — **Client Sample ID: Matrix Spike**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 393655 — **Prep Batch: 393192**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Calcium	120	E	5.00	121	E 4	mg/L		122	75 - 125
Magnesium	22		5.00	26.8	4	mg/L		96	75 - 125
Potassium	2.6		5.00	7.82		mg/L		105	75 - 125
Sodium	38		5.00	42.7	4	mg/L		96	75 - 125
Silicon	7.3		0.0500	7.32	4	mg/L		57	75 - 125

Lab Sample ID: 400-151567-B-11-C MSD ^5 — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Water — **Prep Type: Total Recoverable**
Analysis Batch: 393655 — **Prep Batch: 393192**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Calcium	120	E	5.00	120	E 4	mg/L		89	75 - 125	1	20
Magnesium	22		5.00	26.3	4	mg/L		87	75 - 125	2	20
Potassium	2.6		5.00	7.74		mg/L		103	75 - 125	1	20
Sodium	38		5.00	42.0	4	mg/L		81	75 - 125	2	20
Silicon	7.3		0.0500	7.25	4	mg/L		-69	75 - 125	1	20

Method: SM 2320B - Alkalinity

Lab Sample ID: MB 400-392350/4 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 392350

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Total	<0.98		1.0	0.98	mg/L			04/02/18 10:12	1
Bicarbonate Alkalinity as CaCO3	<0.98		1.0	0.98	mg/L			04/02/18 10:12	1
Carbonate Alkalinity as CaCO3	<0.98		1.0	0.98	mg/L			04/02/18 10:12	1

Lab Sample ID: LCS 400-392350/5 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 392350

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Alkalinity, Total	100	99.6		mg/L		100	80 - 120

Lab Sample ID: 400-151568-1 DU — **Client Sample ID: WGWA-2**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 392350

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Alkalinity, Total	73		76.7		mg/L		4	20
Bicarbonate Alkalinity as CaCO3	73		76.7		mg/L		4	20
Carbonate Alkalinity as CaCO3	<0.98		<0.98		mg/L		NC	20

Lab Sample ID: 400-151568-10 DU — **Client Sample ID: WGWA-18**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 392350

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Alkalinity, Total	74		82.0		mg/L		10	20
Bicarbonate Alkalinity as CaCO3	74		82.0		mg/L		10	20
Carbonate Alkalinity as CaCO3	<0.98		<0.98		mg/L		NC	20

Lab Sample ID: MB 400-392679/4 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 392679

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Total	<0.98		1.0	0.98	mg/L			04/04/18 09:22	1
Bicarbonate Alkalinity as CaCO3	<0.98		1.0	0.98	mg/L			04/04/18 09:22	1
Carbonate Alkalinity as CaCO3	<0.98		1.0	0.98	mg/L			04/04/18 09:22	1

Lab Sample ID: LCS 400-392679/5 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 392679

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Alkalinity, Total	100	95.9		mg/L		96	80 - 120

Method: SM 2320B - Alkalinity (Continued)

Lab Sample ID: 400-151514-A-4 DU — **Client Sample ID: Duplicate**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 392679

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Alkalinity, Total	100			87.3		mg/L				15	20
Bicarbonate Alkalinity as CaCO3	100			87.3		mg/L				15	20
Carbonate Alkalinity as CaCO3	<0.98			<0.98		mg/L				NC	20

Lab Sample ID: 400-151668-B-2 DU — **Client Sample ID: Duplicate**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 392679

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Alkalinity, Total	1.9			2.01		mg/L				8	20
Bicarbonate Alkalinity as CaCO3	1.9			2.01		mg/L				8	20
Carbonate Alkalinity as CaCO3	<0.98			<0.98		mg/L				NC	20

Lab Sample ID: MB 400-392895/4 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 392895

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity, Total	<0.98		1.0	0.98	mg/L			04/05/18 13:53	1
Bicarbonate Alkalinity as CaCO3	<0.98		1.0	0.98	mg/L			04/05/18 13:53	1
Carbonate Alkalinity as CaCO3	<0.98		1.0	0.98	mg/L			04/05/18 13:53	1

Lab Sample ID: LCS 400-392895/7 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 392895

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Alkalinity, Total			100	110		mg/L		110	80 - 120		

Lab Sample ID: 400-151568-24 DU — **Client Sample ID: WGWC-16**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 392895

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Alkalinity, Total	6.5			6.55		mg/L				2	20
Bicarbonate Alkalinity as CaCO3	6.5			6.55		mg/L				2	20
Carbonate Alkalinity as CaCO3	<0.98			<0.98		mg/L				NC	20

Method: SM 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 400-392521/1 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 392521

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<3.4		5.0	3.4	mg/L			04/03/18 16:48	1

Method: SM 2540C - Solids, Total Dissolved (TDS) (Continued)

Lab Sample ID: LCS 400-392521/2 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 392521

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Total Dissolved Solids			293	270		mg/L		92	78 - 122		

Lab Sample ID: 400-151514-A-4 DU — **Client Sample ID: Duplicate**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 392521

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	180			184		mg/L				1	5

Lab Sample ID: MB 400-392677/1 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 392677

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<3.4		5.0	3.4	mg/L			04/04/18 16:33	1

Lab Sample ID: LCS 400-392677/2 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 392677

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Total Dissolved Solids			293	278		mg/L		95	78 - 122		

Lab Sample ID: 400-151568-7 DU — **Client Sample ID: WGWA-6**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 392677

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	130			126		mg/L				0	5

Lab Sample ID: MB 400-392890/1 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 392890

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<3.4		5.0	3.4	mg/L			04/05/18 16:47	1

Lab Sample ID: LCS 400-392890/2 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 392890

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Total Dissolved Solids			293	270		mg/L		92	78 - 122		

Lab Sample ID: 400-151568-15 DU — **Client Sample ID: WGWC-14A**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 392890

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	48			48.0		mg/L				0	5

QC Sample Results

Client: Southern Company
Project/Site: CCR - Plant Wansley

TestAmerica Job ID: 400-151568-1
SDG: Ash Pond

Lab Sample ID: MB 400-393041/1
Matrix: Water
Analysis Batch: 393041

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	<3.4		5.0	3.4	mg/L			04/06/18 16:58	1

Lab Sample ID: LCS 400-393041/2
Matrix: Water
Analysis Batch: 393041

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			293	294		mg/L		100	78 - 122		

Lab Sample ID: 400-151568-20 DU
Matrix: Water
Analysis Batch: 393041

Client Sample ID: WGWC-15
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	210			210		mg/L				0.9	5

TestAmerica Pensacola
3355 McLemore Drive
Pensacola, FL 32514
Phone (850) 474-1001 Fax (850) 478-2671

681-Atlanta

Chain of Custody Record

TestAmerica

Client Information	Sampler: C. Parker, O. Fuguen	Lab PM: Whitmire, Cheyenne R	Carrier Tracking No(s): Acc to - (TA-ATL)	COC No: 400-72601-28757.2
Client Contact: Joju Abraham	Phone: 770 594 5998	E-Mail: cheyenne.whitmire@testamericainc.com		Page: Page 1 of
Company: Southern Company				Job #:
Address: PO BOX 2641 GSC8	Due Date Requested:			
City: Birmingham	TAT Requested (days):			
State, Zip: AL, 35291				
Phone:	PO #: SCS10347656			
Email: JAbraham@southernco.com	WO #:			
Project Name: CCR - Plant Wansley - Ash Pond	Project #: 40007709			
Site: Georgia	SSOW#:			

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA
M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (w=water, s=soil, o=waste/oil, bt=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	Ca, Mg, Na, K, Si	ALK(total, bicarbonate, carbonate)	Cl, SO4, EPA 300.0 & SM 2540C	Total Number of containers	Special Instructions/Note:
			Preservation Code:				D	N	D		
WGWA-2	3/27/18	1505	G	Water	N	N	✓	✓	✓	2	Bottles shared with Ash Pond samples
WGWA-1	3/27/18	1555	G	Water	N	N	✓	✓	✓	2	
WGWA-3	3/28/18	1220	G	Water	N	N	✓	✓	✓	2	
WGWA-4	3/28/18	1115	G	Water	N	N	✓	✓	✓	2	
FB-1-3-28-18	3/28/18	1000	G	Water	N	N	✓	✓	✓	2	
WGWA-7	3/28/18	1325	G	Water	N	N	✓	✓	✓	2	
WGWA-6	3/28/18	1015	G	Water	N	N	✓	✓	✓	2	
DUP-1	3/28/18	—	G	Water	N	N	✓	✓	✓	2	
				Water							
				Water							* Seperate report for these additional samples
				Water							

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☑ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☑ Disposal By Lab ☐ Archive For Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
C. Parker	3-29-18 11:00	ACC	[illegible]	3/29/18 1100	TA
[illegible] 3/29/18	1600	TA	[illegible]	3/30/18 1114	TA Pen
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No	Cooler Temperature(s) °C and Other Remarks: 1.3°C IR8

Ver: 08/04/2016

4/13/2018

TestAmerica Pensacola
3355 McLemore Drive
Pensacola, FL 32514
Phone (850) 474-1001 Fax (850) 478-2671

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ART-Atlanta

Client Information				
Client Contact: Joju Abraham	Sampler: O. Figueroa, C. Parker	Lab PM: Whitmire, Cheyenne R	Carrier Tracking No(s): Acc to TA-ATL	COC No: 400-72801-28757.2
Company: Southern Company	Phone: 770 594-5998	E-Mail: cheyenne.whitmire@testamericainc.com		Page: Page 2 of 3
Address: PO BOX 2641 GSC8	Due Date Requested:			Job #:
City: Birmingham	TAT Requested (days):			
State, Zip: AL, 35291				
Phone:	PO #: SCS10347656			
Email: JAbraham@southernco.com	WO #:			
Project Name: CCR - Plant Wansley - Ash Pond	Project #: 40007709			
Site: Georgia	SSOW#:			

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	Ca, Mg, Na, K, Si	ALK(total, bicarbonate, carbonate)	Cl, SO4 (EPA 300.0 & SM 2540C)	Total Number of containers	Special Instructions/Note:
			Preservation Code:				D	N	D		
WGWA-5	3-28-18	1415	G	Water	N	N	✓	✓	✓	2	Bottles shared with App IV sat
WGWA-18	3-28-18	1520	G	Water	N	N	✓	✓	✓	2	
WGWC-19	3-29-18	1045	G	Water	N	N	✓	✓	✓	2	
WGWC-8	3-29-18	1405	G	Water	N	N	✓	✓	✓	2	
WGWC-9	3-29-18	1230	G	Water	N	N	✓	✓	✓	2	
FB-2-3-29-18	3-29-18	1340	G	Water	N	N	✓	✓	✓	2	
WGWC-14A	3-29-18	1500	G	Water	N	N	✓	✓	✓	2	
WGWC-13	3-29-18	1330	G	Water	N	N	✓	✓	✓	2	
WGWC-11	3-29-18	1210	G	Water	N	N	✓	✓	✓	2	
WGWC-12	3-29-18	1105	G	Water	N	N	✓	✓	✓	2	
EB-1-3-29-18	3-29-18	1000	G	Water	N	N	✓	✓	✓	2	

* Separate report for EDD *

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☑ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month): ☐ Return To Client ☑ Disposal By Lab ☐ Archive For Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
[illegible]	3-30-18	ACC	[illegible]	3/31/18 0840	TA-ATL
[illegible] 3/30/18	1600	TA			

Custody Seals Intact? Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 3.1°, 2.3°C [illegible]

Ver: 08/04/2016

TestAmerica Pensacola
3355 McLemore Drive
Pensacola FL 32514
Phone (850) 474-1001 Fax (850) 478-2671

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information	Sampler: O. FUQUEA C. PARKER	Lab PM: Whitmire, Cheyenne R	Carrier Tracking No(s): A/C to TA-ATL	COC No: 400-72601-28757.2
Client Contact: Joju Abraham	Phone: 770) 594-5998	E-Mail: cheyenne.whitmire@testamericainc.com		Page: Page 3 of 3
Company: Southern Company				Job #:
Address: PO BOX 2641 GSC8	Due Date Requested:			
City: Birmingham	TAT Requested (days):			
State, Zip: AL, 35291				
Phone:	PO #: SCS10347856			
Email: JAbraham@southernco.com	WO #:			
Project Name: CCR - Plant Wansley - Ash Pond	Project #: 40007709			
Site: Georgia	SSOW#:			

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (Water, Soil, Oil, Air, etc.)	Ca, Mg, Na, K, Si	ALK (total, bicarbonate, carbonate)	Cl, SO4 (EPA 300.0 & SM 2540C)	Special Instructions/Note:
WGWC-15	3-30-18	1010	G	Water	N N	✓	✓ ✓	Bottles shared w/ Appl IV set
EB-2-3-30-18	3-30-18	0950	G	Water	N N	✓	✓ ✓	
WGWC-17	3-30-18	1120	G	Water	N N	✓	✓ ✓	
WGWC-10	3-30-18	1235	G	Water	N N	✓	✓ ✓	
WGWC-16	3-29-18	1520	G	Water	N N	✓	✓ ✓	
DUP-2	3-29-18	—	G	Water	N N	✓	✓ ✓	
				Water				
				Water				* Seperate report + EDP *
				Water				
				Water				
				Water				
				Water				

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☑ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☑ Disposal By Lab ☐ Archive For _ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:
Relinquished by:	Date/Time: 4-2-2018 / 1100	Company: ACC	Received by: Date/Time: 4/2/18 1100 Company: TA
Relinquished by:	Date/Time: 4/2/18 1600	Company: TA	Received by: Date/Time: 4/3/18 0715 Company: TA
Relinquished by:	Date/Time:	Company:	Received by: Date/Time: Company:

Custody Seals Intact: Δ Yes Δ No
Custody Seal No.:
Cooler Temperature(s) °C and Other Remarks:

Ver: 08/04/2016

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 400-151568-1
SDG Number: Ash Pond

Login Number: 151568
List Number: 1
Creator: Whitmire, Cheyenne R

List Source: TestAmerica Pensacola

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	1.3 IR8, 3.1°C, 2.3°C IR-8, 0.0°C IR-7
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").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Accreditation/Certification Summary

Client: Southern Company
Project/Site: CCR - Plant Wansley

TestAmerica Job ID: 400-151568-1
SDG: Ash Pond

Laboratory: TestAmerica Pensacola

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	EPA Region	Identification Number	Expiration Date
Alabama	State Program	4	40150	06-30-18
ANAB	ISO/IEC 17025		L2471	02-22-20
Arizona	State Program	9	AZ0710	01-12-19
Arkansas DEQ	State Program	6	88-0689	09-01-18
California	ELAP	9	2510	03-31-18 *
Florida	NELAP	4	E81010	06-30-18
Georgia	State Program	4	N/A	06-30-18
Illinois	NELAP	5	200041	10-09-18
Iowa	State Program	7	367	08-01-18
Kansas	NELAP	7	E-10253	10-31-18
Kentucky (UST)	State Program	4	53	06-30-18
Kentucky (WW)	State Program	4	98030	12-31-18
Louisiana	NELAP	6	30976	06-30-18
Louisiana (DW)	NELAP	6	LA170005	12-31-18
Maryland	State Program	3	233	09-30-18
Massachusetts	State Program	1	M-FL094	06-30-18
Michigan	State Program	5	9912	06-30-18
New Jersey	NELAP	2	FL006	06-30-18
North Carolina (WW/SW)	State Program	4	314	12-31-18
Oklahoma	State Program	6	9810	08-31-18
Pennsylvania	NELAP	3	68-00467	01-31-19
Rhode Island	State Program	1	LAO00307	12-30-18
South Carolina	State Program	4	96026	06-30-18
Tennessee	State Program	4	TN02907	06-30-18
Texas	NELAP	6	T104704286-17-12	09-30-18
USDA	Federal		P330-16-00172	05-24-19
Virginia	NELAP	3	460166	06-14-18
Washington	State Program	10	C915	05-15-18
West Virginia DEP	State Program	3	136	06-30-18

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

APPENDIX D – Plant Wansley Landfill Background Sample Results

Summary Report

Constituent: Lithium Analysis Run 12/17/2018 4:43 PM
Plant Wansley Client: Southern Company Data: Wansley Landfill

For observations made between 3/22/2016 and 10/3/2017, a summary of the selected data set:

Observations = 277
ND/Trace = 165
Wells = 35
Minimum Value = 0.0025
Maximum Value = 0.044
Mean Value = 0.01087
Median Value = 0.0046
Standard Deviation = 0.01043
Coefficient of Variation = 0.959
Skewness = 0.9517

Well	#Obs.	ND/Trace	Min	Max	Mean	Median	Std.Dev.	CV	Skewness
GWA-1 (bg)	8	8	0.0025	0.025	0.008125	0.0025	0.01042	1.282	1.155
GWA-2 (bg)	8	8	0.0025	0.025	0.008125	0.0025	0.01042	1.282	1.155
GWA-28 (bg)	8	0	0.016	0.023	0.02036	0.02095	0.00213	0.1046	-0.9828
GWA-29 (bg)	7	0	0.032	0.044	0.04004	0.0415	0.004051	0.1012	-1.171
GWA-3 (bg)	5	5	0.0025	0.025	0.0115	0.0025	0.01232	1.072	0.4082
GWA-4 (bg)	8	4	0.0025	0.025	0.008788	0.00375	0.01003	1.142	1.137
GWC-10	8	1	0.0078	0.025	0.0122	0.011	0.005429	0.445	1.839
GWC-11	8	8	0.0025	0.025	0.008125	0.0025	0.01042	1.282	1.155
GWC-12	8	3	0.0025	0.025	0.009288	0.00435	0.00973	1.048	1.132
GWC-13	8	8	0.0025	0.025	0.008125	0.0025	0.01042	1.282	1.155
GWC-14	8	5	0.0025	0.025	0.008788	0.0036	0.01006	1.145	1.12
GWC-15	8	2	0.0046	0.025	0.01046	0.0061	0.009004	0.8606	1.131
GWC-16	8	8	0.0025	0.025	0.008125	0.0025	0.01042	1.282	1.155
GWC-17	8	7	0.0025	0.025	0.008475	0.0025	0.01025	1.209	1.126
GWC-18	8	6	0.0025	0.025	0.008363	0.00295	0.01028	1.229	1.149
GWC-19	8	3	0.0025	0.025	0.00745	0.00475	0.007556	1.014	1.797
GWC-20	8	5	0.0025	0.025	0.00855	0.0034	0.01017	1.189	1.144
GWC-21	8	7	0.0025	0.025	0.009313	0.0025	0.01022	1.098	0.8807
GWC-22	8	7	0.0025	0.025	0.008338	0.0025	0.0103	1.236	1.144
GWC-23	8	8	0.0025	0.025	0.008125	0.0025	0.01042	1.282	1.155
GWC-24	8	6	0.0025	0.025	0.008538	0.00325	0.01019	1.193	1.138
GWC-25	8	4	0.0025	0.025	0.009313	0.0049	0.009766	1.049	1.097
GWC-26	8	8	0.0025	0.025	0.008125	0.0025	0.01042	1.282	1.155
GWC-27	8	4	0.0025	0.025	0.009863	0.0054	0.009598	0.9732	0.9881
GWC-30	8	7	0.0025	0.025	0.008288	0.0025	0.01032	1.246	1.148
GWC-31	8	0	0.019	0.027	0.02251	0.02245	0.002852	0.1267	0.4032
GWC-32	8	2	0.01	0.025	0.0175	0.018	0.005632	0.3218	0.1437
GWC-33	9	8	0.0025	0.025	0.007644	0.0025	0.009849	1.288	1.33
GWC-34	8	3	0.0025	0.025	0.00965	0.00515	0.009519	0.9864	1.121
GWC-35	8	8	0.0025	0.025	0.008125	0.0025	0.01042	1.282	1.155
GWC-5	8	6	0.0025	0.025	0.008625	0.00345	0.01014	1.176	1.13
GWC-6	8	2	0.0033	0.025	0.009188	0.0041	0.009776	1.064	1.143
GWC-7	8	0	0.0079	0.016	0.01303	0.01335	0.002439	0.1873	-1.057
GWC-8	8	2	0.007	0.025	0.01356	0.0105	0.007391	0.545	0.8772
GWC-9	8	2	0.0034	0.025	0.01023	0.006	0.00918	0.8978	1.109

Plant Wansley Coal Combustion By-Product Disposal Facility
Analytical Data Summary

Georgia Power is in the process of closing all of its ash ponds. As part of this process, the company is monitoring groundwater around its ash ponds as required by the Environmental Protection Agency's (EPA) Coal Combustion Residuals (CCR) Rule and the Georgia Environmental Protection Division's (EPD) CCR Rule (State CCR rule). The CCR Rule and the State CCR rule require at least eight independent groundwater sampling events to be conducted at monitoring wells around its coal ash ponds to determine background groundwater conditions. These data tables summarize the results from background sample events. Collective data from background sampling events will be required to establish background groundwater conditions at each facility.

Substance		MCL/ (SMCL)	Well ID							
			GWC-25	GWC-25	GWC-25	GWC-25	GWC-25	GWC-25	GWC-25	GWC-25
			03/28/2016	05/25/2016	07/27/2016	09/19/2016	11/15/2016	01/24/2017	03/23/2017	05/02/2017
CCR - Appendix III	Boron	N/R	ND	ND	ND	ND	ND	ND	ND	ND
	Calcium	N/R	12.3	7.2	5.4	8.4	10	14	13	41
	Chloride	(250)	5.992	8.14	6.3	5.1	3.9	3.6	3.2	3.5
	Fluoride	4	ND (0.0542 J)	ND (0.034 J)	ND	ND	ND	ND	ND	ND
	Sulfate	(250)	8.3151	4.31	6.1	11	18	26	23	27
	TDS	(500)	90	75	78	100	110	96	96	100
CCR - Appendix IV	Antimony	0.006	ND	ND (0.00151 J)	ND	ND	ND	ND	ND	ND
	Arsenic	0.01	ND	ND	ND	ND	ND	ND (0.00061 J)	ND	ND (0.00085 J)
	Barium	2	0.0383	0.0439	0.037	0.041	0.033	0.040	0.032	0.041
	Beryllium	0.004	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	0.005	ND	ND	ND	ND	ND	ND	ND	ND
	Chromium	0.1	ND	ND	ND	ND	ND	0.0043	ND	0.015
	Cobalt	N/R	0.0117	0.0122	0.0065	0.0071	0.029	0.033	0.022	0.036
	Lead	0.015	ND	ND	ND	ND	ND	ND	ND	0.0021
	Lithium	N/R	ND	ND	ND	ND	0.0052	ND (0.0046 J)	ND (0.0035 J)	0.0062
	Mercury	0.002	ND	ND	ND (0.000098 J)	ND	ND	ND	ND	ND
	Molybdenum	N/R	ND	ND	ND	ND	ND (0.0017 J)	ND (0.0024 J)	ND (0.0015 J)	ND (0.0022 J)
	Radium	5	ND	ND	ND	ND	0.617	0.139 U	ND	ND
	Selenium	0.05	ND	ND	ND (0.00033 J)	ND	ND	ND	ND	ND
	Thallium	0.002	ND	ND	ND	ND	ND	ND	ND	ND

1. MCL indicates Environmental Protection Agency (EPA) and Georgia Environmental Protection Division (EPD) maximum contaminant level.
2. (SMCL) indicates a secondary MCL that is established by EPA as a general guideline only (not enforced).
3. Results for substances are reported in milligrams per liter (mg/L). Radium results are reported in picocuries per liter (pCi/L).
4. ND (Not Detected) indicates the substance was not detected above the analytical method detection limit (MDL).
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9. Appendix III = indicator parameters evaluated during Detection Monitoring; Appendix IV = parameters evaluated during Assessment Monitoring.

Plant Wansley Coal Combustion By-Product Disposal Facility
Analytical Data Summary

Georgia Power is in the process of closing all of its ash ponds. As part of this process, the company is monitoring groundwater around its ash ponds as required by the Environmental Protection Agency's (EPA) Coal Combustion Residuals (CCR) Rule and the Georgia Environmental Protection Division's (EPD) CCR Rule (State CCR rule). The CCR Rule and the State CCR rule require at least eight independent groundwater sampling events to be conducted at monitoring wells around its coal ash ponds to determine background groundwater conditions. These data tables summarize the results from background sample events. Collective data from background sampling events will be required to establish background groundwater conditions at each facility.

Substance		MCL/ (SMCL)	Well ID							
			GWC-26	GWC-26	GWC-26	GWC-26	GWC-26	GWC-26	GWC-26	GWC-26
			03/24/2016	05/25/2016	07/26/2016	09/19/2016	11/14/2016	01/19/2017	03/16/2017	05/01/2017
CCR - Appendix III	Boron	N/R	ND	ND	ND	ND	ND	ND	ND	ND
	Calcium	N/R	1.72	1.68	1.4	1.5	1.8	1.6	1.7	1.6
	Chloride	(250)	2.8217	2.93	3.0	2.9	2.8	2.8	2.7	2.8
	Fluoride	4	ND (0.0318 J)	ND (0.0282 J)	ND	ND	ND	ND	ND	ND
	Sulfate	(250)	ND (0.4337 J)	ND (0.3421 J)	ND	ND	ND	ND	ND	ND
	TDS	(500)	48	42	20	48	40	10	ND	10
CCR - Appendix IV	Antimony	0.006	ND (0.000653 J)	ND (0.000943 J)	ND	ND	ND	ND	ND	ND
	Arsenic	0.01	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	2	0.0362	0.0348	0.028	0.029	0.036	0.034	0.035	0.030
	Beryllium	0.004	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	0.005	ND	ND	ND	ND	ND	ND	ND	ND
	Chromium	0.1	ND	ND	ND	ND	ND	ND	ND	ND
	Cobalt	N/R	ND	ND	ND	ND	ND (0.00061 J)	ND	ND	ND
	Lead	0.015	ND	ND	ND	ND	ND	ND	ND	ND
	Lithium	N/R	ND	ND	ND	ND	ND	ND	ND	ND
	Mercury	0.002	ND	ND	ND (0.00012 J)	ND	ND	ND	ND (0.00014 J)	ND
	Molybdenum	N/R	ND	ND	ND	ND	ND	ND	ND	ND (0.0034 J)
	Radium	5	ND	ND	ND	ND	0.731	0.805 U	ND	ND
	Selenium	0.05	ND	ND	ND	ND	ND	ND	ND	0.0018
	Thallium	0.002	ND	ND	ND	ND	ND	ND	ND	ND

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Substance		MCL/ (SMCL)	Well ID							
			GWC-27	GWC-27	GWC-27	GWC-27	GWC-27	GWC-27	GWC-27	GWC-27
			03/23/2016	05/24/2016	07/26/2016	09/19/2016	11/11/2016	01/20/2017	03/16/2017	04/28/2017
CCR - Appendix III	Boron	N/R	ND	ND	ND	ND	ND	ND	ND	ND
	Calcium	N/R	1.73	0.745	1.4	1.2	3.3	2.2	1.0	0.88
	Chloride	(250)	1.0825	1.08	1.1	1.0	ND (0.97 J)	ND (0.99 J)	1.0	ND (0.96 J)
	Fluoride	4	0.4759	ND (0.198 J)	1.2	0.64	1.2	0.83	0.32	0.83
	Sulfate	(250)	1.3897	ND (0.598 J)	3.0	1.6	3.0	2.2	ND (0.95 J)	2.1
	TDS	(500)	46	34	16	52	56	38	32	46
CCR - Appendix IV	Antimony	0.006	ND	ND	ND (0.0013 J)	ND	ND	ND (0.0014 J)	ND	ND
	Arsenic	0.01	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	2	0.0107	ND (0.00672 J)	0.0085	0.0080	0.017	0.013	0.0096	0.0097
	Beryllium	0.004	ND (0.00229 J)	ND	ND (0.0015 J)	ND (0.0013 J)	0.0057	0.0030	ND (0.0018 J)	ND (0.00075 J)
	Cadmium	0.005	ND	ND	ND	ND	ND	ND	ND	ND
	Chromium	0.1	ND	ND	ND	ND	ND	ND	ND	ND
	Cobalt	N/R	ND (0.00275 J)	ND (0.0024 J)	0.0043	ND (0.0024 J)	ND (0.0018 J)	0.0027	ND (0.0024 J)	0.0026
	Lead	0.015	ND	ND	ND	ND	ND	ND	ND	ND
	Lithium	N/R	ND	ND	ND (0.0046 J)	ND (0.0038 J)	0.0093	0.0062	ND	ND
	Mercury	0.002	ND	ND	ND (0.00012 J)	ND	ND	ND	ND (0.00015 J)	ND
	Molybdenum	N/R	ND	ND	ND	ND	ND	ND (0.0010 J)	ND	ND
	Radium	5	1.74354	0.887	1.66	1.40	3.54	3.31	1.96	0.675
	Selenium	0.05	ND	ND	ND	ND	ND	ND (0.00045 J)	ND	ND
	Thallium	0.002	ND	ND	ND (0.00017 J)	ND (0.00016 J)	ND	ND (0.00016 J)	ND (0.00017 J)	ND (0.00018 J)

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Plant Wansley Coal Combustion By-Product Disposal Facility
Analytical Data Summary

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Substance		MCL/ (SMCL)	Well ID							
			GWC-30	GWC-30	GWC-30	GWC-30	GWC-30	GWC-30	GWC-30	GWC-30
			03/23/2016	05/20/2016	07/21/2016	09/20/2016	11/14/2016	01/24/2017	03/17/2017	05/01/2017
CCR - Appendix III	Boron	N/R	ND	ND	ND	ND	ND	ND	ND	ND
	Calcium	N/R	3.03	3.37	2.9	3.2	2.8	3.1	2.9	3.0
	Chloride	(250)	1.3598	1.4	1.4	1.3	1.3	1.3	1.3	1.3
	Fluoride	4	ND (0.0999 J)	ND (0.104 J)	ND (0.11 J)	ND (0.092 J)	ND	ND (0.094 J)	ND (0.084 J)	ND (0.092 J)
	Sulfate	(250)	1.3729	1.31	1.3	1.3	1.1	1.3	1.3	1.2
	TDS	(500)	51	58	42	52	38	36	48	10
CCR - Appendix IV	Antimony	0.006	ND	ND	ND	ND (0.0012 J)	ND	ND	ND	ND
	Arsenic	0.01	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	2	ND (0.00731 J)	ND (0.00703 J)	0.0067	0.0070	0.0070	0.0075	0.0071	0.0057
	Beryllium	0.004	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	0.005	ND	ND	ND	ND	ND	ND	ND	ND
	Chromium	0.1	ND	ND	ND	ND (0.0011 J)	ND	ND	ND	ND
	Cobalt	N/R	ND	ND	ND	ND	ND	ND	ND	ND
	Lead	0.015	ND	ND	ND	ND	ND	ND	ND	ND
	Lithium	N/R	ND	ND	ND (0.0038 J)	ND	ND	ND	ND	ND
	Mercury	0.002	ND	ND	ND (0.000086 J)	ND	ND	ND	ND (0.00017 J)	ND
	Molybdenum	N/R	ND	ND	ND	ND	ND	ND	ND	ND
	Radium	5	ND	ND	ND	ND	0.542	0.400	ND	ND
	Selenium	0.05	ND	ND	ND (0.00030 J)	ND	ND	ND	ND	ND
	Thallium	0.002	ND	ND	ND	ND	ND	ND	ND	ND

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Substance		MCL/ (SMCL)	Well ID								
			GWC-31	GWC-31	GWC-31	GWC-31	GWC-31	GWC-31	GWC-31	GWC-31	GWC-31
			03/30/2016	05/25/2016	07/27/2016	01/25/2017	03/23/2017	05/02/2017	07/19/2017	08/04/2017	09/06/2017
CCR - Appendix III	Boron	N/R	ND	ND	ND	ND	ND	ND	ND	ND	NS
	Calcium	N/R	11.3	12.9	12	8.3	10	9.8	10	13	NS
	Chloride	(250)	1.9069	1.89	NS	1.9	NS	NS	1.6	NS	ND
	Fluoride	4	1.5245	1.65	NS	1.4	NS	NS	1.6	NS	ND
	Sulfate	(250)	15.0114	19.1	NS	13	NS	NS	15	NS	ND (76 J)
	TDS	(500)	128	118	NS	120	NS	NS	100	NS	90
CCR - Appendix IV	Antimony	0.006	ND	ND (0.00129 J)	0.0027	ND	ND	ND	ND	ND	NS
	Arsenic	0.01	ND	ND	ND (0.00055 J)	ND	ND	ND	ND (0.00055 J)	ND	NS
	Barium	2	ND (0.00491 J)	ND (0.00502 J)	0.0033	0.0051	ND (0.0024 J)	0.0026	0.0040	0.0033	NS
	Beryllium	0.004	ND	ND	ND (0.00076 J)	ND (0.00064 J)	ND (0.00067 J)	ND (0.00077 J)	ND (0.00083 J)	ND (0.0011 J)	NS
	Cadmium	0.005	ND	ND	ND	ND	ND	ND	ND	ND	NS
	Chromium	0.1	ND (0.00334 J)	ND (0.00321 J)	0.0043	0.0027	ND (0.0022 J)	0.0027	ND (0.0019 J)	ND (0.0021 J)	NS
	Cobalt	N/R	ND	ND	ND (0.0015 J)	ND	ND	ND	ND	ND	NS
	Lead	0.015	ND	ND	ND (0.00078 J)	ND (0.00042 J)	ND	ND (0.00039 J)	ND (0.00051 J)	ND (0.00037 J)	NS
	Lithium	N/R	ND (0.0202 J)	ND (0.0229 J)	0.022	0.020	0.023	0.019	0.026	0.027	NS
	Mercury	0.002	ND	ND	ND (0.00010 J)	ND	ND	ND	ND	ND	NS
	Molybdenum	N/R	ND	ND	ND (0.0041 J)	ND	ND	ND	ND (0.00090 J)	ND	NS
	Radium	5	NS	NS	NS	0.230 U	NS	NS	NS	NS	0.527
	Selenium	0.05	ND	ND	ND (0.00095 J)	ND (0.00035 J)	ND	ND	ND (0.00068 J)	ND (0.00042 J)	NS
	Thallium	0.002	ND	ND	ND	ND	ND	ND	ND	ND	NS

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10. NS (Not Sampled) indicates a sample was not collected for laboratory analysis

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Substance		MCL/ (SMCL)	Well ID							
			GWC-32	GWC-32	GWC-32	GWC-32	GWC-32	GWC-32	GWC-32	GWC-32
			03/23/2016	05/24/2016	07/22/2016	09/16/2016	11/15/2016	01/26/2017	03/24/2017	05/02/2017
CCR - Appendix III	Boron	N/R	ND	ND	ND	ND	ND	ND	ND	ND
	Calcium	N/R	5.18	6.58	7.1	8.7	6.9	13	12	15
	Chloride	(250)	1.0533	1.1	1.1	1.1	1.1	1.1	1.1	ND (0.99 J)
	Fluoride	4	2.1209	2.71	3.5	3.5	3.2	3.9	3.2	3.5
	Sulfate	(250)	12.8473	13.5	12	12	13	9.2	9.2	9.0
	TDS	(500)	75	83	76	84	94	68	110	76
CCR - Appendix IV	Antimony	0.006	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	0.01	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	2	ND	ND	ND (0.0014 J)	ND (0.0018 J)	ND (0.0014 J)	0.0030	ND (0.0021 J)	0.0025
	Beryllium	0.004	ND (0.000735 J)	ND (0.00134 J)	ND (0.0012 J)	ND (0.0015 J)	ND (0.0015 J)	ND (0.0010 J)	ND (0.0016 J)	ND (0.0012 J)
	Cadmium	0.005	ND	ND	ND	ND	ND	ND	ND	ND
	Chromium	0.1	ND	ND	ND	ND	ND	ND	ND	ND
	Cobalt	N/R	ND	ND	ND (0.00058 J)	ND (0.00088 J)	ND	ND (0.0013 J)	ND (0.0012 J)	ND (0.00095 J)
	Lead	0.015	ND	ND	ND	ND	ND	ND	ND	ND
	Lithium	N/R	ND	ND	0.010	0.013	0.012	0.018	0.018	0.019
	Mercury	0.002	ND	ND	ND	ND	ND	ND (0.000073 J)	ND	ND
	Molybdenum	N/R	ND	ND	ND	ND	ND	ND (0.00097 J)	ND	ND
	Radium	5	ND	ND	ND	ND	0.597	1.20	0.578	1.45
	Selenium	0.05	ND	ND	ND (0.00025 J)	ND	ND	ND	ND	ND
	Thallium	0.002	ND	ND	ND	ND	ND	ND	ND	ND

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Substance		MCL/ (SMCL)	Well ID											
			GWC-33	GWC-33	GWC-33	GWC-33	GWC-33	GWC-33	GWC-33	GWC-33	GWC-33	GWC-33	GWC-33	GWC-33
			03/23/2016	05/24/2016	07/22/2016	09/16/2016	11/17/2016	01/25/2017	03/23/2017	05/01/2017	07/19/2017	08/04/2017	08/24/2017	09/06/2017
CCR - Appendix III	Boron	N/R	ND	ND	ND	ND	ND (0.023 J)	ND	ND	ND	NS	ND	NS	NS
	Calcium	N/R	13.8	9.38	9.0	11	55	ND	15	10	NS	11	NS	NS
	Chloride	(250)	2.2604	NS	NS	NS	2.5	2.1	2.0	2.1	2.1	1.9	1.9	ND
	Fluoride	4	2.8158	NS	NS	NS	4.1	5.6	3.1	4.2	3.4	4.0	4.2	ND
	Sulfate	(250)	19.6956	NS	NS	NS	22	50	28	25	22	25	19	ND
	TDS	(500)	80	NS	NS	NS	140	160	120	72	120	90	82	58
CCR - Appendix IV	Antimony	0.006	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	NS	NS
	Arsenic	0.01	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	NS	NS
	Barium	2	ND (0.00902 J)	ND (0.00573 J)	0.010	0.0061	0.014	ND	0.0096	0.0057	NS	0.0062	NS	NS
	Beryllium	0.004	ND (0.000892 J)	ND (0.00065 J)	ND (0.0011 J)	ND (0.0010 J)	ND (0.00046 J)	ND	ND (0.00077 J)	ND (0.00062 J)	NS	ND (0.00051 J)	NS	NS
	Cadmium	0.005	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	NS	NS
	Chromium	0.1	ND	ND	ND	ND	0.0034	ND	0.0032	ND	NS	ND	NS	NS
	Cobalt	N/R	ND	0.0136	0.010	0.011	0.0032	ND	0.0037	0.0085	NS	ND (0.0023 J)	NS	NS
	Lead	0.015	ND	ND	ND	ND	ND	ND	ND	ND	NS	ND	NS	NS
	Lithium	N/R	ND	ND	ND	ND (0.0038 J)	ND	ND	ND	ND	NS	ND	NS	NS
	Mercury	0.002	ND	ND	ND	ND	ND	ND (0.00012 J)	ND	ND	NS	ND	NS	NS
	Molybdenum	N/R	ND	ND	ND	ND	ND (0.0016 J)	ND	ND	ND	NS	ND (0.0018 J)	NS	NS
	Radium	5	0	NS	NS	NS	1.11	0.940	0.504	ND	2.00	NS	1.07	0.820
	Selenium	0.05	ND	ND	ND (0.00074 J)	ND	ND	ND	ND	ND (0.00084 J)	NS	ND (0.00084 J)	NS	NS
	Thallium	0.002	ND	ND (0.000242 J)	ND (0.00022 J)	ND (0.00021 J)	ND (0.00017 J)	ND	ND (0.00017 J)	ND (0.00018 J)	NS	ND (0.00016 J)	NS	NS

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2. (SMCL) indicates a secondary MCL that is established by EPA as a general guideline only (not enforced).
3. Results for substances are reported in milligrams per liter (mg/L). Radium results are reported in picocuries per liter (pCi/L).
4. ND (Not Detected) indicates the substance was not detected above the analytical method detection limit (MDL).
5. ND (value 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.
6. N/R indicates a substance does not have an MCL or SMCL, but will be further evaluated statistically at the conclusion of all the background sampling events, as required by EPA's CCR rule.
7. TDS indicates total dissolved solids.
8. U indicates the substance was detected below the Minimum Detection Concentration (MDC) and the precision of the laboratory instruments could not produce a reliable value. Therefore, the value followed by U is qualified by the laboratory as estimated.
9. Appendix III = indicator parameters evaluated during Detection Monitoring; Appendix IV = parameters evaluated during Assessment Monitoring.
10. NS (Not Sampled) indicates a sample was not collected for laboratory analysis

Plant Wansley Coal Combustion By-Product Disposal Facility
Analytical Data Summary

Georgia Power is in the process of closing all of its ash ponds. As part of this process, the company is monitoring groundwater around its ash ponds as required by the Environmental Protection Agency's (EPA) Coal Combustion Residuals (CCR) Rule and the Georgia Environmental Protection Division's (EPD) CCR Rule (State CCR rule). The CCR Rule and the State CCR rule require at least eight independent groundwater sampling events to be conducted at monitoring wells around its coal ash ponds to determine background groundwater conditions. These data tables summarize the results from background sample events. Collective data from background sampling events will be required to establish background groundwater conditions at each facility.

Substance		MCL/ (SMCL)	Well ID							
			GWC-34	GWC-34	GWC-34	GWC-34	GWC-34	GWC-34	GWC-34	GWC-34
			03/24/2016	05/23/2016	07/21/2016	09/15/2016	11/15/2016	01/25/2017	03/22/2017	05/01/2017
CCR - Appendix III	Boron	N/R	ND	ND	ND	ND	ND	ND	ND	ND
	Calcium	N/R	3.27	2.82	2.6	2.9	2.5	2.7	2.7	3.1
	Chloride	(250)	1.2259	1.19	1.3	1.2	1.2	1.2	1.1	1.1
	Fluoride	4	ND (0.1653 J)	ND (0.155 J)	ND (0.19 J)	ND (0.16 J)	ND (0.14 J)	ND (0.16 J)	ND (0.14 J)	ND (0.16 J)
	Sulfate	(250)	1.8782	1.44	1.6	1.6	1.3	1.5	1.5	1.4
	TDS	(500)	55	61	32	62	56	ND	58	22
CCR - Appendix IV	Antimony	0.006	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	0.01	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	2	0.0132	0.0119	0.011	0.012	0.011	0.011	0.010	0.012
	Beryllium	0.004	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	0.005	ND	ND	ND	ND	ND	ND	ND	ND
	Chromium	0.1	ND	ND	ND	ND	ND	ND	ND	ND
	Cobalt	N/R	ND	ND	ND	ND	ND (0.00043 J)	ND	ND	ND
	Lead	0.015	ND	ND	ND	ND	ND	ND	ND	ND
	Lithium	N/R	ND	ND	ND	0.0052	0.0055	ND (0.0043 J)	ND (0.0046 J)	0.0051
	Mercury	0.002	ND	ND	ND (0.000084 J)	ND	ND	ND (0.00012 J)	ND (0.000079 J)	ND
	Molybdenum	N/R	ND	ND	ND	ND	ND	ND	ND	ND
	Radium	5	ND	0.939	ND	ND	ND	0.380	ND	ND
	Selenium	0.05	ND	ND	ND	ND	ND	ND	ND	ND
	Thallium	0.002	ND	ND	ND	ND	ND	ND	ND	ND

1. MCL indicates Environmental Protection Agency (EPA) and Georgia Environmental Protection Division (EPD) maximum contaminant level.
2. (SMCL) indicates a secondary MCL that is established by EPA as a general guideline only (not enforced).
3. Results for substances are reported in milligrams per liter (mg/L). Radium results are reported in picocuries per liter (pCi/L).
4. ND (Not Detected) indicates the substance was not detected above the analytical method detection limit (MDL).
5. ND (value 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.
6. N/R indicates a substance does not have an MCL or SMCL, but will be further evaluated statistically at the conclusion of all the background sampling events, as required by EPA's CCR rule.
7. TDS indicates total dissolved solids.
8. U indicates the substance was detected below the Minimum Detection Concentration (MDC) and the precision of the laboratory instruments could not produce a reliable value. Therefore, the value followed by U is qualified by the laboratory as estimated.
9. Appendix III = indicator parameters evaluated during Detection Monitoring; Appendix IV = parameters evaluated during Assessment Monitoring.

Plant Wansley Coal Combustion By-Product Disposal Facility
Analytical Data Summary

Georgia Power is in the process of closing all of its ash ponds. As part of this process, the company is monitoring groundwater around its ash ponds as required by the Environmental Protection Agency's (EPA) Coal Combustion Residuals (CCR) Rule and the Georgia Environmental Protection Division's (EPD) CCR Rule (State CCR rule). The CCR Rule and the State CCR rule require at least eight independent groundwater sampling events to be conducted at monitoring wells around its coal ash ponds to determine background groundwater conditions. These data tables summarize the results from background sample events. Collective data from background sampling events will be required to establish background groundwater conditions at each facility.

Substance		MCL/ (SMCL)	Well ID							
			GWC-35	GWC-35	GWC-35	GWC-35	GWC-35	GWC-35	GWC-35	GWC-35
			03/24/2016	05/23/2016	07/21/2016	09/15/2016	11/15/2016	01/26/2017	03/22/2017	05/02/2017
CCR - Appendix III	Boron	N/R	ND	ND	ND	ND	ND	ND	ND	ND
	Calcium	N/R	1.97	1.97	1.7	1.9	1.8	2.2	1.8	2.1
	Chloride	(250)	4.4998	4.19	4.4	4.0	4.2	4.2	3.9	4.0
	Fluoride	4	ND (0.0396 J)	ND (0.0343 J)	ND	ND	ND	ND	ND	ND
	Sulfate	(250)	2.7482	2.76	2.8	2.4	2.3	2.7	2.4	2.5
	TDS	(500)	33	48	36	38	44	ND	34	ND (4.0 J)
CCR - Appendix IV	Antimony	0.006	ND	ND	ND	ND	ND	ND	ND	ND
	Arsenic	0.01	ND	ND	ND	ND	ND	ND	ND	ND
	Barium	2	0.0206	0.0221	0.019	0.020	0.020	0.021	0.019	0.020
	Beryllium	0.004	ND	ND	ND	ND	ND	ND	ND	ND
	Cadmium	0.005	ND	ND	ND	ND	ND	ND	ND	ND
	Chromium	0.1	ND	ND	ND	ND	ND	ND	ND	ND
	Cobalt	N/R	ND	ND	ND	ND	ND	ND	ND	ND
	Lead	0.015	ND	ND	ND	ND	ND	ND	ND	ND
	Lithium	N/R	ND	ND	ND	ND	ND	ND	ND	ND
	Mercury	0.002	ND	ND	ND	ND	ND (0.000096 J)	ND	ND	ND
	Molybdenum	N/R	ND	ND	ND	ND	ND	ND	ND	ND
	Radium	5	ND	ND*	ND	ND	ND	0.265 U	ND	ND
	Selenium	0.05	ND	ND	ND	ND	ND	ND	ND	ND
	Thallium	0.002	ND	ND	ND	ND	ND	ND	ND	ND

1. MCL indicates Environmental Protection Agency (EPA) and Georgia Environmental Protection Division (EPD) maximum contaminant level.
2. (SMCL) indicates a secondary MCL that is established by EPA as a general guideline only (not enforced).
3. Results for substances are reported in milligrams per liter (mg/L). Radium results are reported in picocuries per liter (pCi/L).
4. ND (Not Detected) indicates the substance was not detected above the analytical method detection limit (MDL).
5. ND (value 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.
6. N/R indicates a substance does not have an MCL or SMCL, but will be further evaluated statistically at the conclusion of all the background sampling events, as required by EPA's CCR rule.
7. TDS indicates total dissolved solids.
8. U indicates the substance was detected below the Minimum Detection Concentration (MDC) and the precision of the laboratory instruments could not produce a reliable value. Therefore, the value followed by U is qualified by the laboratory as estimated.
9. Appendix III = indicator parameters evaluated during Detection Monitoring; Appendix IV = parameters evaluated during Assessment Monitoring.
10. *Sampled 5/25/16

APPENDIX E – Summary of Appendix III Data

Summary Report

Constituent: Boron Analysis Run 12/18/2018 1:49 PM
Plant Wansley Client: Southern Company Data: Wansley Ash Pond

For observations made between 5/17/2016 and 10/3/2018, a summary of the selected data set:

Observations = 87
ND/Trace = 87
Wells = 8
Minimum Value = 0.025
Maximum Value = 0.05
Mean Value = 0.0273
Median Value = 0.025
Standard Deviation = 0.007266
Coefficient of Variation = 0.2662
Skewness = 2.824

Well	#Obs.	ND/Trace	Min	Max	Mean	Median	Std.Dev.	CV	Skewness
WGWA-1 (bg)	11	11	0.025	0.05	0.02727	0.025	0.007538	0.2764	2.846
WGWA-18 (bg)	11	11	0.025	0.05	0.02727	0.025	0.007538	0.2764	2.846
WGWA-2 (bg)	11	11	0.025	0.05	0.02727	0.025	0.007538	0.2764	2.846
WGWA-3 (bg)	11	11	0.025	0.05	0.02727	0.025	0.007538	0.2764	2.846
WGWA-4 (bg)	11	11	0.025	0.05	0.02727	0.025	0.007538	0.2764	2.846
WGWA-5 (bg)	10	10	0.025	0.05	0.0275	0.025	0.007906	0.2875	2.667
WGWA-6 (bg)	11	11	0.025	0.05	0.02727	0.025	0.007538	0.2764	2.846
WGWA-7 (bg)	11	11	0.025	0.05	0.02727	0.025	0.007538	0.2764	2.846

Summary Report

Constituent: Calcium Analysis Run 12/18/2018 1:49 PM
Plant Wansley Client: Southern Company Data: Wansley Ash Pond

For observations made between 5/17/2016 and 10/3/2018, a summary of the selected data set:

Observations = 87
ND/Trace = 0
Wells = 8
Minimum Value = 0.44
Maximum Value = 52
Mean Value = 11.03
Median Value = 11
Standard Deviation = 10.44
Coefficient of Variation = 0.9467
Skewness = 0.9138

Well	#Obs.	ND/Trace	Min	Max	Mean	Median	Std.Dev.	CV	Skewness
WGWA-1 (bg)	11	0	0.44	1.4	1.061	1.1	0.2384	0.2248	-1.523
WGWA-18 (bg)	11	0	6.7	24	17.26	23	7.096	0.411	-0.321
WGWA-2 (bg)	11	0	11	28	15.75	13	5.241	0.3329	1.259
WGWA-3 (bg)	11	0	1.3	2.1	1.827	1.8	0.2453	0.1343	-0.7563
WGWA-4 (bg)	11	0	15	17.9	16.17	16	1.062	0.06568	0.0837
WGWA-5 (bg)	10	0	1.2	52	7.67	1.5	15.99	2.085	2.444
WGWA-6 (bg)	11	0	20	29	25.45	26	2.423	0.0952	-0.8262
WGWA-7 (bg)	11	0	0.88	10	2.758	1.3	2.976	1.079	1.555

Summary Report

Constituent: Chloride Analysis Run 12/18/2018 1:49 PM
Plant Wansley Client: Southern Company Data: Wansley Ash Pond

For observations made between 5/17/2016 and 10/3/2018, a summary of the selected data set:

Observations = 87
ND/Trace = 0
Wells = 8
Minimum Value = 1.2
Maximum Value = 6.05
Mean Value = 2.134
Median Value = 1.9
Standard Deviation = 0.8742
Coefficient of Variation = 0.4096
Skewness = 1.752

Well	#Obs.	ND/Trace	Min	Max	Mean	Median	Std.Dev.	CV	Skewness
WGWA-1 (bg)	11	0	3.4	4	3.709	3.8	0.2023	0.05453	-0.281
WGWA-18 (bg)	11	0	1.9	6.05	2.659	2	1.302	0.4898	1.856
WGWA-2 (bg)	11	0	2.2	2.6	2.364	2.3	0.1286	0.05442	0.4228
WGWA-3 (bg)	11	0	1.6	1.92	1.675	1.6	0.1055	0.06299	1.28
WGWA-4 (bg)	11	0	1.2	1.45	1.277	1.2	0.0984	0.07704	0.6722
WGWA-5 (bg)	10	0	1.7	2.4	1.974	1.95	0.2142	0.1085	0.5856
WGWA-6 (bg)	11	0	1.3	2.5	1.535	1.4	0.3352	0.2184	2.409
WGWA-7 (bg)	11	0	1.7	2.1	1.869	1.8	0.1285	0.06874	0.7283

Summary Report

Constituent: Fluoride Analysis Run 12/18/2018 1:49 PM
Plant Wansley Client: Southern Company Data: Wansley Ash Pond

For observations made between 5/17/2016 and 10/3/2018, a summary of the selected data set:

Observations = 95
ND/Trace = 56
Wells = 8
Minimum Value = 0.0131
Maximum Value = 0.284
Mean Value = 0.105
Median Value = 0.1
Standard Deviation = 0.03338
Coefficient of Variation = 0.318
Skewness = 1.555

Well	#Obs.	ND/Trace	Min	Max	Mean	Median	Std.Dev.	CV	Skewness
WGWA-1 (bg)	12	11	0.0131	0.1	0.09276	0.1	0.02509	0.2704	-3.015
WGWA-18 (bg)	12	3	0.082	0.284	0.1238	0.1	0.06236	0.5039	1.748
WGWA-2 (bg)	12	9	0.0538	0.18	0.1016	0.1	0.02817	0.2774	1.567
WGWA-3 (bg)	12	11	0.029	0.1	0.09408	0.1	0.0205	0.2178	-3.015
WGWA-4 (bg)	12	0	0.12	0.17	0.1378	0.135	0.01763	0.1279	0.54
WGWA-5 (bg)	11	9	0.014	0.1	0.09173	0.1	0.02582	0.2815	-2.829
WGWA-6 (bg)	12	2	0.088	0.13	0.1037	0.1	0.01076	0.1038	1.033
WGWA-7 (bg)	12	11	0.018	0.1	0.09317	0.1	0.02367	0.2541	-3.015

Summary Report

Constituent: Sulfate Analysis Run 12/18/2018 1:49 PM
Plant Wansley Client: Southern Company Data: Wansley Ash Pond

For observations made between 5/17/2016 and 10/3/2018, a summary of the selected data set:

Observations = 87
ND/Trace = 24
Wells = 8
Minimum Value = 0.368
Maximum Value = 21
Mean Value = 3.857
Median Value = 1.1
Standard Deviation = 4.506
Coefficient of Variation = 1.168
Skewness = 1.503

Well	#Obs.	ND/Trace	Min	Max	Mean	Median	Std.Dev.	CV	Skewness
WGWA-1 (bg)	11	11	0.5	0.5	0.5	0.5	0	0	NaN
WGWA-18 (bg)	11	0	6.3	19.9	10.67	10	3.801	0.3561	1.263
WGWA-2 (bg)	11	0	0.75	2.1	1.145	1.1	0.3759	0.3284	1.487
WGWA-3 (bg)	11	1	0.5	0.99	0.7701	0.81	0.1203	0.1562	-0.5428
WGWA-4 (bg)	11	0	4.6	7.3	6.102	6.5	0.9159	0.1501	-0.2542
WGWA-5 (bg)	10	3	0.5	21	3.066	0.825	6.361	2.075	2.58
WGWA-6 (bg)	11	0	2	9.4	7.962	8.3	2.014	0.253	-2.652
WGWA-7 (bg)	11	9	0.368	1.4	0.5698	0.5	0.2782	0.4882	2.733

Summary Report

Constituent: Total Dissolved Solids Analysis Run 12/18/2018 1:49 PM
Plant Wansley Client: Southern Company Data: Wansley Ash Pond

For observations made between 5/17/2016 and 10/3/2018, a summary of the selected data set:

Observations = 87
ND/Trace = 9
Wells = 8
Minimum Value = 2.5
Maximum Value = 150
Mean Value = 57.86
Median Value = 50
Standard Deviation = 42.24
Coefficient of Variation = 0.7301
Skewness = 0.2469

Well	#Obs.	ND/Trace	Min	Max	Mean	Median	Std.Dev.	CV	Skewness
WGWA-1 (bg)	11	3	2.5	50	19.77	14	15.84	0.801	0.7666
WGWA-18 (bg)	11	0	36	120	75.64	72	25.77	0.3406	0.135
WGWA-2 (bg)	11	0	58	140	90.36	84	25.41	0.2812	0.5586
WGWA-3 (bg)	11	1	2.5	50	20.86	22	13.59	0.6514	0.5519
WGWA-4 (bg)	11	0	28	110	92.09	98	23.07	0.2505	-2.094
WGWA-5 (bg)	10	2	2.5	150	32.4	23	43.15	1.332	2.254
WGWA-6 (bg)	11	0	90	130	108.5	110	13.97	0.1288	0.3292
WGWA-7 (bg)	11	3	2.5	50	20.95	14	18.32	0.8745	0.3981

Summary Report

Constituent: Boron Analysis Run 12/18/2018 1:55 PM
Plant Wansley Client: Southern Company Data: Wansley Ash Pond

For observations made between 11/11/2016 and 10/4/2018, a summary of the selected data set:

Observations = 11
ND/Trace = 10
Wells = 1
Minimum Value = 0.025
Maximum Value = 0.034
Mean Value = 0.02582
Median Value = 0.025
Standard Deviation = 0.002714
Coefficient of Variation = 0.1051
Skewness = 2.846

Well	#Obs.	ND/Trace	Min	Max	Mean	Median	Std.Dev.	CV	Skewness
WGWC-19	11	10	0.025	0.034	0.02582	0.025	0.002714	0.1051	2.846

Summary Report

Constituent: Calcium Analysis Run 12/18/2018 1:55 PM
Plant Wansley Client: Southern Company Data: Wansley Ash Pond

For observations made between 11/11/2016 and 10/4/2018, a summary of the selected data set:

Observations = 11
ND/Trace = 0
Wells = 1
Minimum Value = 8.4
Maximum Value = 12
Mean Value = 9.827
Median Value = 9.5
Standard Deviation = 1.113
Coefficient of Variation = 0.1132
Skewness = 0.6141

Well	#Obs.	ND/Trace	Min	Max	Mean	Median	Std.Dev.	CV	Skewness
WGWC-19	11	0	8.4	12	9.827	9.5	1.113	0.1132	0.6141

Summary Report

Constituent: Chloride Analysis Run 12/18/2018 1:55 PM
Plant Wansley Client: Southern Company Data: Wansley Ash Pond

For observations made between 11/11/2016 and 10/4/2018, a summary of the selected data set:

Observations = 11
ND/Trace = 0
Wells = 1
Minimum Value = 2.3
Maximum Value = 2.6
Mean Value = 2.436
Median Value = 2.4
Standard Deviation = 0.1286
Coefficient of Variation = 0.0528
Skewness = 0.1686

Well	#Obs.	ND/Trace	Min	Max	Mean	Median	Std.Dev.	CV	Skewness
WGWC-19	11	0	2.3	2.6	2.436	2.4	0.1286	0.0528	0.1686

Summary Report

Constituent: Fluoride Analysis Run 12/18/2018 1:55 PM
Plant Wansley Client: Southern Company Data: Wansley Ash Pond

For observations made between 11/11/2016 and 10/4/2018, a summary of the selected data set:

Observations = 12
ND/Trace = 0
Wells = 1
Minimum Value = 0.32
Maximum Value = 0.45
Mean Value = 0.3725
Median Value = 0.365
Standard Deviation = 0.03671
Coefficient of Variation = 0.09855
Skewness = 0.7362

Well	#Obs.	ND/Trace	Min	Max	Mean	Median	Std.Dev.	CV	Skewness
WGWC-19	12	0	0.32	0.45	0.3725	0.365	0.03671	0.09855	0.7362

Summary Report

Constituent: Sulfate Analysis Run 12/18/2018 1:55 PM
Plant Wansley Client: Southern Company Data: Wansley Ash Pond

For observations made between 11/11/2016 and 10/4/2018, a summary of the selected data set:

Observations = 11
ND/Trace = 0
Wells = 1
Minimum Value = 3.2
Maximum Value = 4.6
Mean Value = 3.609
Median Value = 3.6
Standard Deviation = 0.3807
Coefficient of Variation = 0.1055
Skewness = 1.604

Well	#Obs.	ND/Trace	Min	Max	Mean	Median	Std.Dev.	CV	Skewness
WGWC-19	11	0	3.2	4.6	3.609	3.6	0.3807	0.1055	1.604

Summary Report

Constituent: Total Dissolved Solids Analysis Run 12/18/2018 1:55 PM
Plant Wansley Client: Southern Company Data: Wansley Ash Pond

For observations made between 11/11/2016 and 10/4/2018, a summary of the selected data set:

Observations = 11
ND/Trace = 0
Wells = 1
Minimum Value = 36
Maximum Value = 120
Mean Value = 80.18
Median Value = 74
Standard Deviation = 22.78
Coefficient of Variation = 0.2841
Skewness = -0.07234

Well	#Obs.	ND/Trace	Min	Max	Mean	Median	Std.Dev.	CV	Skewness
WGWC-19	11	0	36	120	80.18	74	22.78	0.2841	-0.07234

Plant Wansley
Analytical Data Summary

Substance		Well ID	
		WAMW-1	WAMW-2
		10/18/2018	10/16/2018
APPENDIX III	Boron	ND	ND
	Calcium	19	18
	Chloride	2.6	2.5
	Fluoride	0.60	0.47
	Sulfate	3.7	9.5
	TDS	120	110
APPENDIX IV (site list)	Arsenic	ND (0.00052 J)	ND (0.00066 J)
	Barium	0.0050	0.0069
	Beryllium	ND	ND
	Cadmium	ND	ND
	Chromium	ND	ND
	Cobalt	ND	ND
	Lithium	0.026	0.023
	Mercury	ND	ND
	Molybdenum	ND (0.0028 J)	ND
	Radium	0.314 U	0.476
	Selenium	ND	ND
	Thallium	ND	ND

Notes:

1. Results for substances are reported in milligrams per liter (mg/L). Radium results are reported in picocuries per liter (pCi/L).

2. ND (Not Detected) indicates the substance was not detected above the analytical method detection limit (MDL).

3. ND (value 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. U indicates the substance was detected below the Minimum Detection Concentration (MDC) and the precision of the laboratory instruments could not produce a reliable value. Therefore, the value followed by U is qualified by the laboratory as estimated.

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APPENDIX B

2021 ASD Addendum

Prepared for

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ALTERNATE SOURCE DEMONSTRATION ADDENDUM–LITHIUM

PLANT WANSLEY ASH POND 1 (AP-1)

Prepared by

Geosyntec consultants

engineers | scientists | innovators

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Project Number GW7327

February 2021

ALTERNATE SOURCE DEMONSTRATION ADDENDUM – LITHIUM

Plant Wansley
Ash Pond 1 (AP-1)

February 26, 2021

Herwig Goldemund, Ph.D.
Senior Scientist

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Project Manager

Certification Statement

Alternate Source Demonstration Addendum – Lithium
Plant Wansley
Ash Pond 1 (AP-1)
February 26, 2021

I hereby certify that the facts used to prepare this Alternate Source Demonstration Addendum for Georgia Power Company – Plant Wansley Ash Pond 1 are accurate pursuant to the requirements stipulated in 40 CFR 257.95(g)(3)(ii) and Georgia regulations stipulated in Rule 391-3-4-.10(6) of the Georgia Administrative Code, which incorporates 40 CFR 257.95(g)(3)(ii) by reference.

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LIST OF ACRONYMS

AP	Ash Pond
ASD	Alternate Source Demonstration
CCR	Coal Combustion Residual
CFR	Code of Federal Regulations
ft bgs	feet below ground surface
NAVD88	North American Vertical Datum of 1988
GA EPD	Environmental Protection Division
GWPS	Groundwater Protection Standard
K_d	distribution coefficient
MCL	Maximum Contaminant Level
mg/kg	milligram per kilogram
mg/L	milligram per liter
PWR	partially weathered rock
SEP	sequential extraction procedure
s.u.	standard units
SSL	statistically significant level
TDS	total dissolved solids
USEPA	United States Environmental Protection Agency

1. INTRODUCTION

1.1 Background and Purpose

This document presents an addendum to the alternate source demonstration (ASD) provided in the *2018 Annual Groundwater Monitoring and Corrective Action Report, Georgia Power Company – Plant Wansley – Ash Pond 1 (AP-1)* (ACC, 2019) for the statistically significant levels (SSLs) of lithium detected in compliance groundwater monitoring wells located at Georgia Power Company's (Georgia Power's) Plant Wansley (the Site) Ash Pond 1 (AP-1). Based on lithium SSLs identified in several wells during the 2018 reporting year, the 2018 ASD presented evidence that the source of lithium in groundwater was naturally derived from subsurface rock formations and did not originate from AP-1. Since submittal of the 2018 ASD, supplemental data have been collected which provide additional evidence of the natural occurrence of lithium in rock units at AP-1. The supplemental data presented in this ASD Addendum support the conclusions provided in the 2018 ASD.

AP-1 is currently regulated by the Georgia Environmental Protection Division (GA EPD) in accordance with Georgia Rules for Solid Waste Management 391-3-4-.10. The unit is also subject to the United States Environmental Protection Agency (USEPA) coal combustion residual (CCR) rule [40 Code of Federal Regulations (CFR) Part 257 Subpart D. The 2018 ASD and this ASD Addendum have been prepared pursuant to Rule 391-3-4-.14(30)(e) of the Georgia Administrative Code, which states that "the owner or operator may demonstrate that a source other than a MSWLF (municipal solid waste landfill) unit caused the contamination or that the statistically significant increase resulted from error in sampling, analysis, statistical evaluation, or natural variation in groundwater quality." This language is consistent with the requirements of the Federal CCR Rule stipulated in 40 CFR 257.95(g)(3), which has been incorporated by reference into Rule 391-3-4-.10(23)(c) of the Georgia Administrative Code.

1.2 Basis of the Evaluation of Statistically Significant Level Exceedances

In accordance with § 257.95(h)(2)(iii), the federal groundwater protection standard (GWPS) for lithium at AP-1 is 0.040 milligrams per liter (mg/L). In accordance with the GA EPD CCR Rule, the state GWPS for lithium is the background concentration, which has been established at 0.009 mg/L (Geosyntec, 2021). Statistical analysis of Appendix IV data identified lithium concentrations at SSLs above established state and/or federal GWPS in certain compliance wells at AP-1, as documented in reports previously submitted to GA EPD and summarized below.

Assessment Event	GWPS Exceedance for Lithium (1)	Compliance Well			
		WGWC-8	WGWC-9	WGWC-10	WGWC-19
June 2018 (2)	Federal				X
	State	X	X	X	X
September 2018 (2)	Federal				X
	State	X	X	X	X
April 2019 (3)	Federal				X
	State	X	X	X	X
September 2019 (3)	Federal				X
	State	X	X		X
March 2020 (4)	Federal				X
	State	X	X		X
September 2020 (4)	Federal				X
	State	X	X		X

Notes:

(1) A state statistically significant level (SSL) related constituent is determined by comparing the confidence intervals developed to either the constituent's maximum contaminant Level (MCL), if available, or the calculated background interwell prediction limit. A federal SSL-related constituent is determined by comparing the confidence intervals developed to either the constituent's MCL, if available, the USEPA RSL, if no MCL is available, or the calculated background interwell prediction limit if background is higher than either the MCL or RSL.

(2) *2018 Annual Groundwater Monitoring and Corrective Action Report* (ACC, 2019)

(3) *2019 Annual Groundwater Monitoring and Corrective Action Report* (ACC, 2020)

(4) *2020 Annual Groundwater Monitoring and Corrective Action Report* (Geosyntec, 2021)

Decreasing lithium concentrations detected at WGWC-10 reduced the lower confidence interval to below the state GWPS of 0.009 mg/L following the second semiannual groundwater assessment event in September 2019, thereby no longer identifying an SSL of lithium at this compliance well.

1.3 Summary of 2018 ASD

As detailed in the 2018 ASD, the lithium SSLs reported for wells WGWC-8, WGWC-9, WGWC-10, and WGWC-19, located southeast and south of AP-1 are not associated with a release from the ash pond. The source of lithium in the groundwater at these locations is naturally derived from measurable lithium present in subsurface rock units southeast and south of AP-1 where wells WGWC-8, WGWC-9, WGWC-10, and WGWC-19 are

installed (**Figure 1**[1]). Various lines of evidence supporting this conclusion were presented in the 2018 ASD. Key points are summarized below.

- There are several lithologic units present at AP-1(**Figure 1**), with rock units north and northwest of AP-1 differing from those southeast and south of the ash pond. Correspondingly, the lithium groundwater concentrations originating from natural geologic sources are expected to vary spatially across the Site with changing geologic units.

- Laboratory analysis of rock samples collected from locations southeast and south of AP-1 indicated naturally occurring lithium concentrations in the quartzite bedrock unit to be 30 milligrams per kilogram (mg/kg) and lithium concentrations as high as 116 mg/kg in the schist-amphibolite bedrock unit.

- Boron is an Appendix III constituent commonly used as a tracer to indicate CCR impacts to groundwater downgradient of a CCR unit. Groundwater data for sampling events conducted in 2016 and 2017 indicated no correlation between boron and lithium groundwater concentrations for select compliance wells.

- The lack of boron detections and low concentrations of other CCR indicator parameters (Appendix III constituents) at WGWC-19, the well with the highest lithium detections in groundwater, further indicated that lithium in groundwater did not originate from a release of AP-1. In fact, the highest concentrations of lithium in rock core samples collected in support of the 2018 ASD were reported in the schist samples collected at WGWC-19.

1.4 Summary of ASD Addendum

This ASD Addendum provides supplemental groundwater and rock sample laboratory analytical data collected since submittal of the 2018 ASD. The data support the conclusions of the 2018 ASD, specifically:

- Lithium concentrations detected at WGWC-10 have shown a decreasing trend since 2016, resulting in a reduction of the statistically derived lower confidence interval to below the state GWPS of 0.009 mg/L, thereby no longer identifying an SSL for lithium at this compliance well.

[1] Geologic map revised from those presented in the *Geologic and Hydrogeologic Report* (Golder, 2018), the 2018 ASD, and the *Hydrogeologic Assessment Report Revision 01* [*HAR Rev. 01*; Geosyntec, 2019], to reflect geologic data collected through December 2020, and as noted in Section 2.2.

- This ASD Addendum includes an evaluation of the correlation between lithium and Appendix III constituents using groundwater data from compliance monitoring well samples collected between 2016 and 2020. Results indicate that there is no correlation between lithium and boron at WGWC-9, and that there is a statistically significant negative correlation between lithium and boron at WGWC-8, indicating that these constituents are likely from different sources. Non-detect to intermittent low detections of boron consistent with background conditions at wells WGWC-10 and WGWC-19 further support an alternate source for lithium in groundwater.

- Laboratory analyses of rock core samples collected from locations with lithium SSLs and from locations in proximity to locations with lithium SSLs indicate substantial total concentrations of naturally occurring lithium in the rock, with lithium concentrations ranging from 17 mg/kg (core sample of quartzite bedrock unit at location WGWC-8 and core sample of Long Island Gneiss bedrock unit at PB-3) to 130 mg/kg (core sample of schist-amphibolite bedrock unit at PB-7, near WGWC-10).

- Laboratory analyses using sequential extraction procedures (SEPs) for rock core samples collected from boreholes corresponding to or in vicinity of wells WGWC-8, WGWC-9, WGWC-10, and WGWC-19 indicate lithium in rock cores is mostly associated with recalcitrant fractions that will liberate lithium through mineral weathering. Saprolite and partially weathered rock (PWR) derived through the weathering of the parent bedrock contains similar minerals and/or constituents as the parent bedrock. During the weathering process and as groundwater flows through saprolite, PWR, and bedrock fractures, the minerals/constituents can be liberated and partially dissolve into groundwater.

- Using a literature-derived distribution coefficient (K_d) of 300 liters per kilogram (L/kg) to calculate predicted groundwater concentrations of lithium based on lithium concentrations in rock indicates that observed groundwater concentrations, which are generally lower than predicted concentrations, can be explained by lithium originating from weathering of the natural formation.

1.5 Site Setting

AP-1 is located in the Piedmont Physiographic Province of western Georgia, which is characterized by gently rolling hills and narrow valleys with locally pronounced linear ridges, trending northeast-southwest, and separated by valleys. The area southeast and south of AP-1 is underlain primarily by three lithologic units; (i) residual soils and

saprolite, (ii) partially weathered rock (PWR), and (iii) metamorphic crystalline bedrock. Geologic investigations and mapping performed by Golder Associates (Golder) in 2015 indicates that bedrock units present southeast and south of AP-1 consist primarily of schist, amphibolite, gneiss, and quartzite. Characteristics of the various bedrock units were described by Golder in the *Geologic and Hydrogeologic Report* (Golder, 2018). The bedrock units at the Site steeply dip to the east-southeast and are marked by three mapped faults (Golder, 2018).

A *Hydrogeologic Assessment Report Revision 01* (HAR Rev. 01) prepared for AP-1 by Geosyntec (2019) provided an updated geologic map based on data collected during geologic investigations completed between 2016 and 2017. Additional geologic data collected by Geosyntec during borehole drilling and piezometer installation activities completed between September and November 2020 (Geosyntec, 2021) have been used to refine the site-specific geologic map. The locations of monitoring wells and piezometers relative to the geologic units underlying AP-1 based on data collected through November 2020 are shown on **Figure 1**.

While the aquifer characteristics of each lithologic unit may vary, the groundwater is interconnected between these units, and they effectively act as one, unconfined aquifer. According to previous investigations, the potentiometric surface is a subdued reflection of the topography. The top of rock surface also generally follows topography and likely controls groundwater flow direction in the uppermost aquifer, which occurs within the saprolite and PWR and is hydraulically connected to the bedrock via fractures and deeply weathered areas of the rock. Recharge is by precipitation infiltrating through the saprolite to the bedrock.

Additional information regarding the geologic and hydrogeologic setting of AP-1 is available in reports previously submitted to GA EPD, including semiannual groundwater monitoring and corrective action reports for AP-1 submitted between 2017 and 2021, and the *HAR Rev. 01* (Geosyntec, 2019).

2. ALTERNATE SOURCE DEMONSTRATION

Based on review of Site information, the SSLs for lithium at monitoring wells WGWC-8, WGWC-9, WGWC-10, and WGWC-19 are not related to a release from AP-1 but are instead caused by naturally occurring lithium present in rock units at AP-1. The following sections present information supporting this conclusion.

2.1 Lack of Correlation Between Lithium and Indicator Parameters

The 2018 ASD included an evaluation of the correlation between boron and other Appendix III constituents for groundwater samples collected between 2016 and 2017 to assess the potential for AP-1 to be the source of lithium in groundwater at AP-1. The assessment was completed by analysis of Pearson correlation coefficients. Highly positive correlations (i.e., correlation coefficient r near 1.0) may indicate that two parameter sets are related or from a common influence, while non-significant low correlations or negative r values indicate that the occurrence of two parameters are unrelated or potentially not originating from the same source. Results indicated that while boron had a positive correlation with some other Appendix III constituents at individual wells, lithium either did not significantly correlate with boron (WGWC-9) or showed a negative correlation between these two constituents (WGWC-8), suggesting potentially different sources for boron and lithium in groundwater. Further, due to insufficient detections of boron at WGWC-10 (a location which no longer constitutes an SSL for lithium) and at WGWC-19 (the location with the highest lithium concentrations in groundwater), no correlation analyses could be completed for boron.

This ASD Addendum updated the correlation evaluation to incorporate additional groundwater data collected after submittal of the 2018 ASD. As shown in **Table 1**, potential correlations between boron and other Appendix III constituents, and between lithium and Appendix III constituents, were evaluated for WGWC-8, WGWC-9, WGWC-10, and WGWC-19. To summarize data presented in **Table 1**:

- WGWC-8: Boron shows a statistically significant negative correlation with lithium and positive correlations with calcium and TDS. Lithium does not show a statistically significant correlation with Appendix III constituents with the exception of a positive correlation with pH. This suggests a common source of boron, calcium, and TDS, but a different source for lithium and pH in this well. The explanation for the positive correlation between pH and lithium in this well is unclear, as lithium shows weak sorption that slightly increases with increasing pH (Robinson et al., 2018), which should result in less lithium in groundwater as pH increases, not more as the positive correlation would suggest.

- WGWC-9: Boron does not statistically correlate with lithium but does show statistically significant positive correlations with calcium, chloride, sulfate, and TDS and a negative correlation with fluoride. Lithium does not correlate at a statistically significant level with Appendix III constituents. Similar to WGWC-8, this suggests a common source of boron, calcium, chloride, sulfate and TDS, but different sources for lithium and fluoride in this well.

- WGWC-10: Due to insufficient detections of boron, no correlation analyses could be completed for this constituent to other Appendix III constituents or lithium. Lithium shows statistically significant positive correlations with fluoride, sulfate, and pH. This suggests a common source for these constituents in this well. The higher pH values (i.e., > 8.5 s.u.) measured in this well during the early phase of the monitoring program in 2016 might indicate lingering well installation effects that appear to correlate strongly with lithium concentrations. Given that boron concentrations were mostly non-detect and/or consistent with background conditions, concentrations of fluoride and sulfate were very low (and much lower compared to other wells), pH has shown a decreasing trend since 2016, and lithium has shown a decreasing trend since 2016 such that this constituent is no longer identified as an SSL at this well, this common source of constituents in this well is likely derived from weathering/dissolution of the natural formation and well installation effects rather than AP-1.

- WGWC-19: Similar to WGWC-10, due to insufficient detections of boron, no correlation analyses could be completed for this constituent to other Appendix III constituents or lithium. Lithium does not show a statistically significant correlation with Appendix III constituents. The mostly non-detect concentrations of boron and lack of statistically significant correlations between lithium and Appendix III constituents suggest that AP-1 is not the source of lithium at this location.

If AP-1 were the source of lithium at these locations, particularly at WGWC-19 (the location with the highest lithium concentrations in groundwater), elevated detections of boron in groundwater would be expected, and statistically significant positive correlations should exist between lithium and boron. While pH was included in this correlation analysis, pH is not as useful for assessing lithium mobilization or immobilization as it is for other trace elements as lithium does not respond to changes in pH to the extent that many other trace elements do. Furthermore, with the exception of well WGWC-8, there are no statistically significant increases of Appendix III constituents in these wells. The

statistically significant negative correlation between boron and lithium in well WGWC-8 suggests that lithium is not derived from AP-1.

2.2 Laboratory Analytical Results of Rock Samples

As part of the 2018 ASD demonstration, twelve rock core samples from drilling investigations previously completed at AP-1 were selected from a range of lithologies for laboratory analyses of total metals. As summarized in Table 2 of the 2018 ASD, lithium concentrations were higher in samples of the schist-amphibolite unit from locations PB-8 and PB-9, and the button schist unit[2] from WGWC-19 at AP-1 compared to other site lithologies.

Additional rock cores were retrieved from Georgia Power's storage facility in 2020 and submitted for laboratory analyses of total lithium and, at the request of GA EPD, cores were also subjected to a SEP for lithium. Rock core samples from PB-3, PB-4, PB-7, PB-8, WGWC-8, and WGWC-19 were available. Cores from the following locations were selected for laboratory analyses:

- PB-3 and PB-4 are located in proximity to WGWC-9 (**Figure 1** and **Figure 2**) and cores were available at each location from the approximate screen interval of WGWC-9. Boring logs for PB-3 and PB-4 indicate quartzite present from just below ground surface to approximately 40 feet below ground surface (ft bgs) at PB-3 and from approximately 15 ft bgs to approximately 50 ft bgs at PB-4. Gneiss was encountered underlying the quartzite unit at an elevation of approximately 765 feet relative to the North American Vertical Datum of 1988 (ft NAVD88) at PB-3 and 759 ft NAVD88 at PB-4. WGWC-9 is screened from approximately 761 to 751 ft NAVD88 in PWR, indicating that the weathered rock unit within the WGWC-9 well screen interval consists of weathered gneiss of the same unit encountered at PB-3 and PB-4.

- PB-7 and PB-8 are located in proximity to WGWC-10 (**Figure 1** and **Figure 2**) and cores were available at each location from the approximate screen interval of WGWC-10. Samples representing schist of the schist-amphibolite bedrock unit

[2] The 2018 ASD identified rock core samples collected at WGWC-19 between depths of 77 and 92 feet below ground surface (ft bgs) as representative of the schist-amphibolite bedrock unit. Review of the *Geologic and Hydrogeologic Report* (Golder, 2018) and the boring logs for WGWC-19, WAMW-1, and WAMW-2, indicates the core samples consisted of graywacke (samples collected between 77 and 86 ft bgs) and micaceous schist (samples collected between 88 and 92 ft bgs). The rock core descriptions and location of WGWC-19 are consistent with the button schist lithologic bedrock unit described in the *Geologic and Hydrogeologic Report* (Golder, 2018).

were collected. WGWC-10 is screened from approximately 674 to 664 ft NAVD88 in saprolite and PWR derived from the schist-amphibolite unit.

- Rock core samples from the approximate well screen interval of WGWC-8 were available.
- Rock core samples from the approximate well screen interval of WGWC-19 were available.

Boring logs for locations where rock cores were collected as part of the 2018 ASD and ASD Addendum evaluations, and boring logs for WGWC-9, WGWC-10, WAMW-1 and WAMW-2, are provided in **Appendix A** for reference.

Rock cores were shipped under chain-of-custody protocol to the Eurofins TestAmerica Laboratory in Canton, Ohio, for rock core sample preparation prior to shipment to the Eurofins TestAmerica Laboratory in Knoxville, Tennessee, for total and SEP analyses of lithium. Upon receipt at the laboratory in Canton, each core sample was crushed to achieve a particle size of less than 10 millimeters (mm) and the sample was homogenized. The crushed samples were then shipped to the Knoxville laboratory for analyses.

A 1-gram (g) portion of each sample was digested using hydrofluoric acid, nitric acid, and boric acid, and subsequently analyzed by USEPA Method 6010B for total lithium. To perform SEP analyses, an aliquot of each sample was sequentially extracted through a series of seven steps to remove lithium from specific solid-associated phases using progressively stronger reagents to solubilize metals from increasingly recalcitrant phases. Details of the reagents and digestion method used at each step are provided in **Table 2,** and in the Eurofins TestAmerica laboratory analytical reports provided in **Appendix B**. Laboratory analytical results of the ten core samples analyzed for total lithium and lithium by SEP in 2020 are provided in **Table 3**.

As a first step to evaluate data quality in an SEP analysis, a comparison of the total concentrations of a metal with the sum of the individual extraction steps should be made. While not expected to be exactly the same, these results should be consistent with each other. As can be seen in **Table 3**, the totals analyses for lithium and the sum of lithium from extraction steps 1 through 7 match very well, indicating good metal recovery in the SEP steps and data quality.

Total lithium concentrations in these cores ranged from 17 mg/kg to 130 mg/kg, indicating substantial concentrations of naturally occurring lithium, which is consistent with the findings presented in the 2018 ASD. In addition, little to no lithium was

recovered in the first three extractions steps, which include the Exchangeable Phase (Step 1), the Carbonate Phase (Step 2), and the Non-Crystalline Materials Phase (Step 3). This is not surprising given that these mineral phases are either not present at the Site (i.e., carbonates) and that lithium does not readily sorb to these mineral phases. Extraction Step 4 (Metal Hydroxide Phase) was the first step to liberate substantial levels of lithium, suggesting that some naturally occurring lithium can go into solution through weathering/dissolution of hydroxides of iron, manganese, and/or aluminum. Extraction Step 5 (Organic Phase) yielded some detectable concentrations of lithium, but generally at lower levels compared to Step 4. This suggests that relatively little lithium is associated with organic phases in these samples. This is also not surprising given that little to no organic matter would be expected in these rock core samples. The bulk of the total lithium was leached in Steps 6 (Acid/Sulfide Fraction) and 7 (Residual Fraction), indicating a fairly recalcitrant fraction of lithium that can only be liberated through weathering of the rock/mineral matrix containing the lithium.

The SEP results suggest that lithium in rock cores is mostly associated with hydroxides of iron, manganese and/or aluminum as well as the refractory fractions that will liberate lithium through mineral weathering. The association of lithium in these fractions strongly suggests a natural occurrence of lithium in the mineral fraction and that weathering of lithium-bearing minerals releases lithium to groundwater at the Site.

2.3 Natural Variation of Groundwater Quality

Based on the lack of correlations between lithium and Appendix III parameters described in Section 2.1 and the presence of substantial concentrations of total lithium of up to 130 mg/kg in rock cores at the Site analyzed in 2020, it is apparent that lithium found in groundwater at the Site is likely derived from natural sources. Site-specific lithium concentrations in rock cores are substantially higher than mean lithium concentrations of about 17 mg/kg found in soils and regoliths from the Eastern United States (Shacklette et al., 1973) and higher than the upper concentration range of 60 mg/kg found in soils of the Georgia Piedmont (Anderson et al., 1988). Further, as presented in the 2018 ASD, site-specific lithium concentrations in rock cores are higher than those reported as naturally occurring in earth's crust (Taylor, 1964; Turekian and Wedepohl, 1961).

To further evaluate whether these naturally elevated lithium concentrations in rock cores could explain the lithium concentrations found in groundwater, theoretical groundwater lithium concentrations were calculated. To do that, site-specific total lithium concentrations in rock cores were divided by a literature-derived K_d of 300 L/kg for lithium (Baes et al., 1984). This K_d value is consistent with the value of 245 L/kg cited in Robinson et al. (2018) for geogenic lithium. The resulting predicted groundwater

concentrations were compared with actual groundwater concentrations found in wells associated with these rock samples. The results are summarized in **Table 4**.

As can be seen in **Table 4**, the calculated (i.e., predicted) groundwater concentrations based on total lithium concentrations in individual rock cores and using a K_d of 300 L/kg ranged from 0.057 mg/L to 0.433 mg/L, and were consistently higher than the observed groundwater concentrations in the four wells of interest, which ranged from 0.0054 mg/L in WGWC-10 to 0.056 mg/L in WGWC-19 during the September 2020 sampling event. This was especially pronounced in rock cores with higher lithium concentrations that overpredicted groundwater lithium concentrations by a factor of up to 80 in boring PB-7. This suggests that the range of lithium concentrations observed in site-specific groundwater can be explained by naturally occurring lithium in rock cores. The overprediction of groundwater concentrations indicates that site-specific K_d values are variable and much higher than 300 L/kg, which is consistent with the SEP results that showed a substantial portion of lithium bound to recalcitrant mineral phases that require weathering of the minerals within the rock matrix to liberate lithium. In summary, lithium concentrations in Site groundwater reflect natural variations of groundwater quality through groundwater interactions with the rock formations.

3. CONCLUSIONS

Based on the information presented in the 2018 ASD and this ASD Addendum, the lithium SSLs reported in the *2018 Annual Groundwater Monitoring and Corrective Action Report,* the *2019 Annual Groundwater Monitoring and Corrective Action Report*, and the *2020 Semiannual Groundwater Monitoring and Corrective Action Report* are not attributed to a release from AP-1 at the Site. Furthermore, subsequent to the second semiannual groundwater assessment event in 2019, lithium concentrations in well WGWC-10 no longer constitute an SSL for lithium in this well. The following lines of evidence demonstrate that the SSLs are likely the result of natural variation in groundwater quality due to naturally occurring lithium in rock units southeast and south of the Site and not a release from AP-1:

- Lack of Correlation Between Lithium and Boron:
    - Where detected (i.e., in wells WGWC-8 and WGWC-9), boron either does not show a correlation with lithium (WGWC-9), or it is negatively correlated (WGWC-8), suggesting different sources for boron and lithium. Groundwater samples from wells WGWC-10 and WGWC-19 are either non-detect for boron or have low-level estimated concentrations consistent with background conditions.
    - The lack of boron detections and low concentrations of other CCR indicator parameters at WGWC-19, the well with the highest lithium detections in groundwater, further indicates that lithium in groundwater does not originate from AP-1.
- Rock Core Samples:
    - Rock cores representative of the screened intervals of wells showing lithium SSLs contain lithium ranging from 17 mg/kg to 130 mg/kg indicating a significant source of lithium, above average crustal abundance, in the subsurface formations.
    - A seven-step sequential extraction of rock cores representative of the screened intervals of wells showing lithium SSLs indicate that lithium is associated with the hydroxide-phases of iron, manganese and/or aluminum, and the refractory fraction. This supports a natural occurrence of lithium in the mineral fraction that can be released to groundwater through mineral weathering.

- Natural Variation of Groundwater Conditions:
    - Using the results from the total lithium analyses, predicted groundwater concentrations were calculated using a literature-derived K_d value of 300 L/kg for lithium. The predicted groundwater results were consistently higher than the observed groundwater concentrations, suggesting that the lithium detected in these groundwater locations can be explained by naturally occurring lithium from weathering of the formation.

Plant Wansley AP-1 will remain in assessment monitoring and assessment of corrective measures is not required. Assessment monitoring results will continue to be presented in Annual and Semiannual Groundwater Monitoring and Corrective Action Reports. A copy of the ASD Addendum will be provided as an appendix to the 2021 Semiannual Groundwater Monitoring and Corrective Action Report due to GA EPD in August 2021.

4. REFERENCES

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TABLES

Table 1

Lithium and Appendix III Concentrations in Groundwater and Pearson's Correlation Coefficients

Plant Wansley AP-1, Carroll and Heard Counties, Georgia

WGWC-8								
	Boron	**Lithium**	**Calcium**	**Chloride**	**Fluoride**	**Sulfate**	**TDS**	**pH**
5/19/2016	1.4	0.0215	31.4	17.5	0.304	146	311	5.99
7/20/2016	1.4	0.0260	28	19	0.27	150	290	6.19
9/15/2016	1.2	0.0570	27	19	0.24	140	270	6.38
11/14/2016	1.3	0.0170	32	25	0.2	160	320	5.7
2/6/2017	1.8	0.0120	41	33	0.27	180	330	5.66
3/15/2017	1.7	0.0140	38	38	0.25	170	370	5.77
4/26/2017	2	0.0091	39	42	0.31	180	380	5.39
8/10/2017	1.8	0.0130	53	48	0.37	180	380	5.59
10/12/2017	1.8	0.0180	60	60	0.35	180	450	5.46
6/14/2018	1.7	0.0150	52	58	0.56	170	410	5.76
10/4/2018	1.9	0.0130	65	300	0.27	780	520	5.39
4/3/2019	1.7	0.0150	61	70	0.5	180	430	5.55
9/19/2019	1.7	0.0140	57	70	0.42	190	440	5.39
3/19/2020	2.2	0.0150	79	98	0.057	200	540	6.43
9/22/2020	2.5	0.0130	81	100	0.14	200	600	5.17
Pearson's Correlation Coefficient (r) - Boron	---	**-0.60**	**0.84**	0.44	-0.27	0.23	**0.87**	-0.47
p-value		**0.0181**	**0.0009**	0.1007	0.3304	0.4096	**0.0003**	0.0771
Pearson's Correlation Coefficient (r) - Lithium	---	---	-0.47	-0.28	-0.13	-0.20	-0.50	**0.63**
p-value			0.0771	0.3121	0.6442	0.4748	0.0577	**0.0118**

Notes:

(1) Results reported in milligrams per liter (mg/L)

(2) Pearson's correlation coefficients for boron at WGWC-10 and WGWC-19 cannot be calculated due to insufficient boron detections.

(3) Positive correlations are shown in black font. Negative correlations are shown in red font.

(4) Statistically significant correlations are bold. p-value ≤ 0.05 indicate the correlation is statistically significant.

TDS = Total dissolved solids

ND = Not detected at the laboratory method detection limit (MDL)

Table 1

Lithium and Appendix III Concentrations in Groundwater and Pearson's Correlation Coefficients

Plant Wansley AP-1, Carroll and Heard Counties, Georgia

WGWC-9								
	Boron	**Lithium**	**Calcium**	**Chloride**	**Fluoride**	**Sulfate**	**TDS**	**pH**
5/19/2016	0.31	0.0335	8.53	1.46	1.58	35.9	134	6.31
7/20/2016	0.25	0.024	8.2	1.5	2.0	37	120	6.35
9/14/2016	0.30	0.039	8.8	1.4	1.8	39	140	6.33
2/9/2017	0.61	0.04	10	1.5	1.3	60	180	6.03
3/15/2017	0.42	0.035	8.6	1.3	1.3	44	160	5.99
4/11/2017	0.37	0.034	8.6	1.2	1.4	36	120	6.04
4/26/2017	0.38	0.029	7.1	1.2	1.5	37	140	6.03
8/10/2017	0.29	0.038	7.5	1.3	1.6	38	130	5.86
10/12/2017	0.36	0.048	8.2	1.4	1.5	37	120	6.09
6/14/2018	0.39	0.034	7.5	1.2	1.4	37	120	6.47
10/4/2018	0.37	0.039	8.0	1.2	1.4	38	140	6.17
4/3/2019	0.35	0.035	7.2	2.0	1.3	41	120	6.1
9/19/2019	0.39	0.036	8.1	1.5	1.3	42	130	6.38
3/19/2020	0.55	0.039	9.3	2.1	1.0	45	160	6.64
9/23/2020	0.68	0.033	10	2.4	0.8	54	150	5.8
Pearson's Correlation Coefficient (r) - Boron	---	0.18	**0.73**	**0.61**	**-0.85**	**0.87**	**0.71**	-0.20
p-value		0.5209	**0.0020**	**0.0157**	**0.0001**	**2.50E-05**	**0.0030**	0.4748
Pearson's Correlation Coefficient (r) - Lithium	---	---	0.20	-0.02	-0.24	0.16	0.19	-0.04
p-value			0.4748	0.9436	0.3889	0.5689	0.4976	0.8874

Notes:

(1) Results reported in milligrams per liter (mg/L)

(2) Pearson's correlation coefficients for boron at WGWC-10 and WGWC-19 cannot be calculated due to insufficient boron detections.

(3) Positive correlations are shown in black font. Negative correlations are shown in red font.

(4) Statistically significant correlations are bold. p-value ≤ 0.05 indicate the correlation is statistically significant.

TDS = Total dissolved solids

ND = Not detected at the laboratory method detection limit (MDL)

Table 1

Lithium and Appendix III Concentrations in Groundwater and Pearson's Correlation Coefficients

Plant Wansley AP-1, Carroll and Heard Counties, Georgia

WGWC-10								
	Boron	**Lithium**	**Calcium**	**Chloride**	**Fluoride**	**Sulfate**	**TDS**	**pH**
5/18/2016	ND	0.0320	7.17	1.45	0.206	2.84	70	8.96
7/20/2016	ND	0.0210	7	1.6	0.23	2.8	42	8.57
9/14/2016	ND	0.0200	7.7	1.5	0.17	2.8	40	7.22
11/11/2016	ND	0.0170	8.2	1.5	0.14	2.6	72	6.96
2/6/2017	ND	0.0160	9.1	1.4	0.15	2.7	24	6.93
3/15/2017	0.032	0.0140	9	1.4	0.16	2.7	78	6.82
4/26/2017	ND	0.0110	8.1	1.3	0.17	2.5	48	6.73
8/10/2017	ND	0.0110	8.1	1.4	0.2	2.2	38	6.66
10/12/2017	ND	0.0160	8.6	1.3	0.14	1.9	72	6.67
6/14/2018	ND	0.0084	7.7	1.3	0.15	2	40	6.56
10/4/2018	ND	0.0085	8.5	1.3	0.18	1.9	60	6.40
4/4/2019	0.024	0.0059	7.9	1.4	0.13	2.2	30	6.46
9/19/2019	ND	0.0075	7.5	1.5	0.13	2.1	52	6.45
3/18/2020	0.049	0.0071	7.5	1.5	0.052	2.1	58	6.40
9/23/2020	ND	0.0054	7.7	1.3	0.090	1.8	50	6.14
Pearson's Correlation Coefficient (r) - Boron	---	**Insufficient detections of boron to complete evaluation of correlation of boron to lithium, and boron to other Appendix III constituents**						
p-value								
Pearson's Correlation Coefficient (r) - Lithium	---	---	-0.18	0.41	**0.62**	**0.76**	0.27	**0.91**
p-value			0.5209	0.1291	**0.0137**	**0.0010**	0.3304	**1.00E-05**

Notes:

(1) Results reported in milligrams per liter (mg/L)

(2) Pearson's correlation coefficients for boron at WGWC-10 and WGWC-19 cannot be calculated due to insufficient boron detections.

(3) Positive correlations are shown in black font. Negative correlations are shown in red font.

(4) Statistically significant correlations are bold. p-value ≤ 0.05 indicate the correlation is statistically significant.

TDS = Total dissolved solids

ND = Not detected at the laboratory method detection limit (MDL)

Table 1

Lithium and Appendix III Concentrations in Groundwater and Pearson's Correlation Coefficients

Plant Wansley AP-1, Carroll and Heard Counties, Georgia

WGWC-19								
	Boron	**Lithium**	**Calcium**	**Chloride**	**Fluoride**	**Sulfate**	**TDS**	**pH**
---	---	---	---	---	---	---	---	6.93
11/11/2016	ND	0.0450	12	2.6	0.32	3.4	98	6.80
2/6/2017	ND	0.0500	11	2.6	0.45	3.7	36	6.78
3/15/2017	ND	0.0520	10	2.4	0.37	3.6	120	6.79
4/11/2017	ND	0.0480	11	2.3	0.37	3.2	68	6.82
4/26/2017	ND	0.0440	8.4	2.3	0.4	3.3	76	6.76
6/7/2017	ND	0.0470	9	2.5	0.35	3.8	74	6.99
7/11/2017	ND	0.0450	9.5	2.3	0.39	3.3	70	6.59
8/10/2017	ND	0.0560	8.8	2.5	0.42	3.7	66	6.72
6/14/2018	ND	0.0480	8.9	2.4	0.35	3.5	74	6.67
10/4/2018	ND	0.0620	10	2.6	0.35	4.6	100	6.75
4/2/2019	ND	0.0520	11	2.5	0.33	3.8	88	6.71
9/18/2019	0.024	0.0520	8.8	2.7	0.32	3.6	96	6.9
5/4/2020	ND	0.0490	15	2.8	0.36	4.5	110	7.11
9/23/2020	ND	0.0560	13	2.6	0.25	3.0	94	6.59
Pearson's Correlation Coefficient (r) - Boron	---	**Insufficient detections of boron to completed evaluation of correlation of boron to lithium, and boron to other Appendix III constituents**						
p-value								
Pearson's Correlation Coefficient (r) - Lithium	---	---	0.06	0.39	-0.22	0.44	0.25	-0.17
p-value			0.8385	0.1680	0.4498	0.1154	0.3887	0.5612

Notes:

(1) Results reported in milligrams per liter (mg/L)

(2) Pearson's correlation coefficients for boron at WGWC-10 and WGWC-19 cannot be calculated due to insufficient boron detections.

(3) Positive correlations are shown in black font. Negative correlations are shown in red font.

(4) Statistically significant correlations are bold. p-value ≤ 0.05 indicate the correlation is statistically significant.

TDS = Total dissolved solids

ND = Not detected at the laboratory method detection limit (MDL)

Table 2
Summary of Seven-Step Sequential Extraction Procedure
Plant Wansley AP-1, Carroll and Heard Counties, Georgia

Sequential Extraction Procedure Steps [1]	
Step 1 - Exchangeable Phase	This extraction includes trace elements that are reversibly sorbed to soil minerals, amorphous solids, and/or organic material by electrostatic forces. These forces may be overcome by exposing the soil to a concentrated electrolyte solution, such as magnesium sulfate ($MgSO_4$) that displaces the trace elements from solid surfaces.
Step 2 - Carbonate Phase	This extraction targets trace elements that are sorbed or otherwise bound to carbonate minerals. This phase is soluble in a mild acid solution such as sodium acetate/acetic acid (NaOAc/HOAc) at pH 5.
Step 3 - Non-Crystalline Materials Phase	This extraction targets trace elements that are complexed by amorphous minerals (e.g. iron). This phase is extracted with ammonium oxalate (pH 3).
Step 4 - Metal Hydroxide Phase	Trace elements bound to hydroxides of iron, manganese, and/or aluminum are extracted using a solution of hydroxylamine hydrochloride in acetic acid.
Step 5 - Organic-Bound Phase	This extraction targets trace elements strongly bound via chemisorption to organic material. Oxidation of soil organic matter using sodium hypochlorite (NaClO at pH 9.5), will bring into solution metals bound to organic functional groups.
Step 6 - Acid/Sulfide Fraction	The extraction is used to identify trace elements precipitated as sulfide minerals. Metals associated with sulfide minerals will be extracted by leaching the soils with a solution of hydrochloric acid, nitric acid, and water (HCl-HNO_3-H_2O) to dissolve the metal sulfide minerals.
Step 7 - Residual Fraction	Trace elements remaining in the soil after the previous extractions will be distributed between silicates, phosphates, and refractory oxides. These residual metals can be removed from the soil through total dissolution with hydrofluoric acid (HF), nitric acid (HNO_3), hydrochloric acid (HCl), and boric acid (H_3BO_3).

Notes:
(1) Sample were prepared and analyzed using Eurofins TestAmerica Knoxville standard operating procedure KNOX-MT-0008, "7-Step Sequential Extraction Procedure". EPA Method 6010B as incorporated in Eurofins TestAmerica Knoxville standard operating procedure KNOX-MT-0007 was used to perform the final instrument analyses.

Table 3
Total and Sequential Extraction Concentrations of Lithium in Rock Core Samples
Plant Wansley AP-1, Carroll and Heard Counties, Georgia

Sample Location:	PB-3 (1)	PB-3 (1)	PB-4 (1)	PB-4 (1)	PB-4 (1)	PB-7 (2)	PB-8 (2)	WGWC-8	WGWC-19	WGWC-19
Sample Depth (ft bgs):	47 - 52	57-61	49-59	64-68	73-80	144 - 154	135 - 145	47 - 57	87 - 88	89 - 90
Sample Elevation (ft NAVD88):	757 - 752	747 - 743	760 - 750	745 - 741	736 - 729	672 - 662	712 - 702	731 - 721	694 - 693	692 - 691
Screen Interval of Compliance Well (ft NAVD88) (3):	NA	NA	NA	NA	NA	NA	NA	730 - 720	699 - 689	699 - 689
Adjacent Compliance Well and Approximate Screen Interval (ft NAVD88) (4):	WGWC-9 (761 - 751)	WGWC-9 (761 - 751)	WGWC-9 (761 - 751)	WGWC-9 (761 - 751)	WGWC-9 (761 - 751)	WGWC-10 (674 - 664)	WGWC-10 (674 - 664)	NA	NA	NA
Sample Analysis Date:	Sept - Nov 2020	Sept - Nov 2020	Sept - Nov 2020	Sept - Nov 2020	Sept - Nov 2020	Sept - Nov 2020	Sept - Nov 2020	Oct - Nov 2020	Sept - Oct 2020	Sept - Oct 2020
Rock Type (Unit):	Gneiss (Long Island Creek Gneiss)	Gneiss (Long Island Creek Gneiss)	Gneiss (Long Island Creek Gneiss)	Gneiss (Long Island Creek Gneiss)	Gneiss (Long Island Creek Gneiss)	Schist (Schist-Amphibolite)	Schist (Schist-Amphibolite)	Quartzite	Schist (Button Schist)	Schist (Button Schist)
Sequential Extraction Results (mg/kg)										
Extraction - Step 1	<0.60	<0.61	<0.61	<0.61	<0.60	<0.60	<0.60	<0.61	<0.62	<0.62
Extraction - Step 2	<0.45	<0.45	<0.45	0.56 J	<0.45	0.69 J	0.63 J	<0.46	<0.46	<0.47
Extraction - Step 3	0.20 J	0.37 J	0.23 J	0.52 J	0.25 J	0.57 J	0.34 J	<0.15	0.52 J	0.52 J
Extraction - Step 4	5.7	1.3 J	8.1	8.1	6.7	11	2.3 J	1.2 J	11	12
Extraction - Step 5	3.1 J	2.7 J	3.2 J	3.7 J	3.9 J	6.9 J	2.6 J	<2.2	5.7 J	5.1 J
Extraction - Step 6	4.1	1.8 J	4.7 J	14	7.9	69	35	1.1 J	55	45
Extraction - Step 7	10	11	14	10	14	53	18	10	26	20
Sum of Steps 1-7	23	17	31	37	32	140	59	12	98	83
Total Lithium Concentration in Core (mg/kg)	22	17	36	43	36	130	53	17	86	70

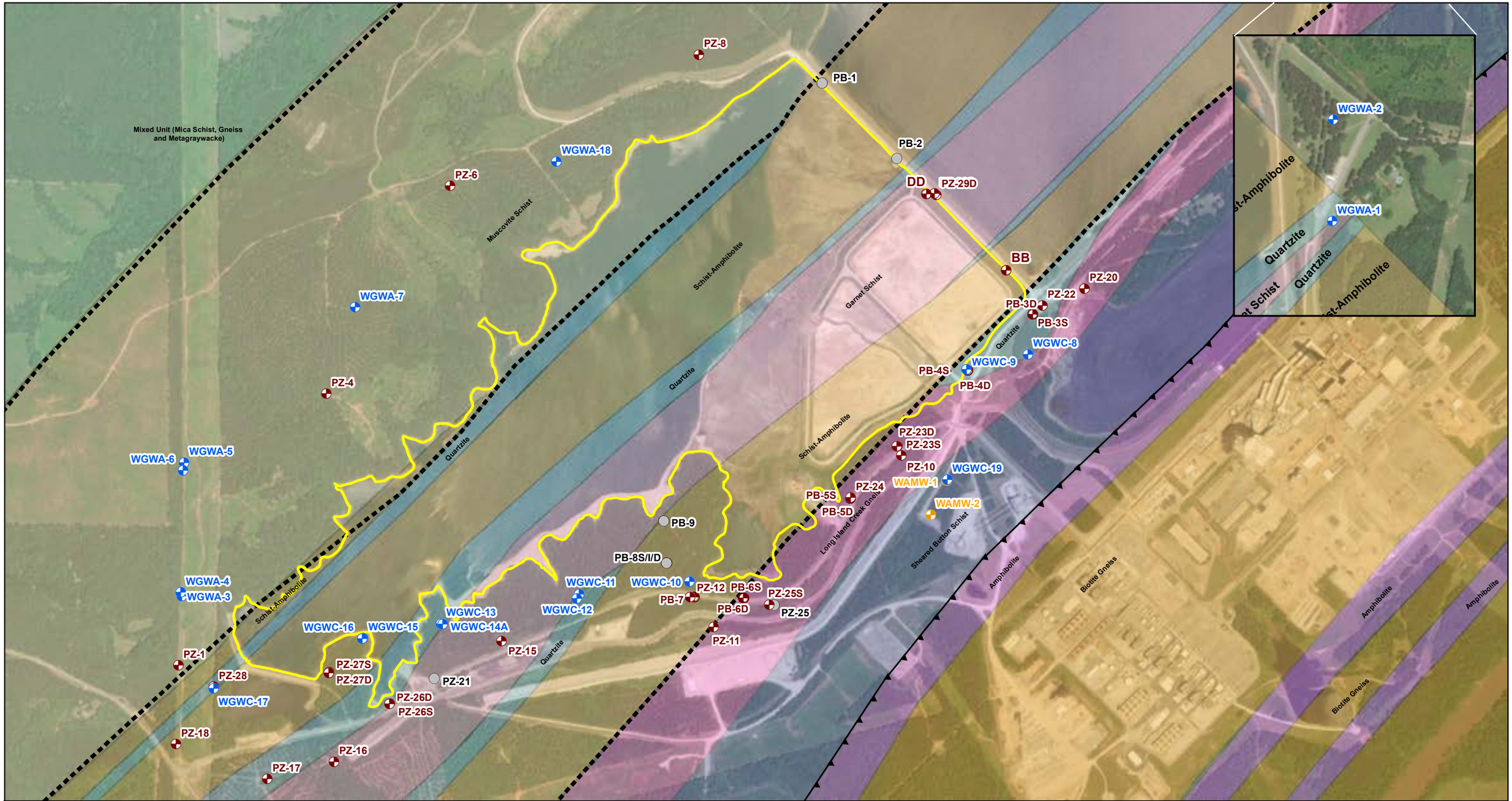
Notes:
ft bgs = feet below ground surface
ft NAVD88 = North American Vertical Datum of 1988.
mg/kg = milligram per kilogram
(1) The well screen of WGWC-9 is set in weathered gneiss derived from the same bedrock gneiss unit encountered at PB-3 and PB-4.
(2) The well screen of WGWC-10 is set in saprolite and weathered schist derived from the same bedrock schist-amphibolite unit encountered at PB-7 and PB-8.
(3) Screen interval of compliance well shown for comparison to core sample collection interval. NA if core sample location is not a compliance well.
(4) Screen interval of adjacent compliance well or compliance well completed in same geologic formation for comparison to core sample collection interval. NA if core sample location is a compliance well.

Table 4
Comparison of Predicted and Measured Lithium Concentrations in Groundwater
Plant Wansley AP-1, Carroll and Heard Counties, Georgia

Sample Location:	PB-3 (1)	PB-3 (1)	PB-4 (1)	PB-4 (1)	PB-4 (1)	PB-7 (2)	PB-8 (2)	WGWC-8	WGWC-19	WGWC-19
Sample Depth (ft bgs):	47 - 52	57 - 61	49 - 59	64 - 68	73 - 80	144 - 154	135 - 145	47 - 57	87 - 88	89 - 90
Sample Elevation (ft NAVD88):	758 - 753	748 - 744	760 - 750	745 - 741	736 - 729	673 - 663	712 - 702	731 - 721	694 - 693	692 - 691
Screen Interval of Compliance Well (ft NAVD88) (3):	NA	NA	NA	NA	NA	NA	NA	730 - 720	699 - 689	699 - 689
Adjacent Compliance Well and Approximate Screen Interval (ft NAVD88) (4):	WGWC-9 (761 - 751)	WGWC-9 (761 - 751)	WGWC-9 (761 - 751)	WGWC-9 (761 - 751)	WGWC-9 (761 - 751)	WGWC-10 (674 - 664)	WGWC-10 (674 - 664)	NA	NA	NA
Sample Analysis Date:	Sept - Nov 2020	Sept - Nov 2020	Sept - Nov 2020	Sept - Nov 2020	Sept - Nov 2020	Sept - Nov 2020	Sept - Nov 2020	Oct - Nov 2020	Sept - Oct 2020	Sept - Oct 2020
Rock Type (Unit):	Gneiss (Long Island Creek Gneiss)	Gneiss (Long Island Creek Gneiss)	Gneiss (Long Island Creek Gneiss)	Gneiss (Long Island Creek Gneiss)	Gneiss (Long Island Creek Gneiss)	Schist (Schist-Amphibolite)	Schist (Schist-Amphibolite)	Quartzite	Schist (Button Schist)	Schist (Button Schist)
Total Lithium Concentration in Core (mg/kg)	22	17	36	43	36	130	53	17	86	70
Predicted Lithium in Groundwater (mg/L) (5)	0.073	0.057	0.120	0.143	0.120	0.433	0.177	0.057	0.287	0.233
Actual Lithium in Groundwater (mg/L) (6)	0.033 (7)	0.033 (7)	0.033 (7)	0.033 (7)	0.033 (7)	0.0054 (8)	0.0054 (8)	0.013	0.056	0.056

Notes:
ft bgs = feet below ground surface
ft NAVD88 = North American Vertical Datum of 1988.
mg/kg = milligram per kilogram
mg/L - milligram per liter
(1) The well screen of WGWC-9 is set in weathered gneiss derived from the same bedrock gneiss unit encountered at PB-3 and PB-4.
(2) The well screen of WGWC-10 is set in saprolite and weathered schist derived from the same bedrock schist-amphibolite unit encountered at PB-7 and PB-8.
(3) Screen interval of compliance well shown for comparison to core sample collection interval. NA if core sample location is not a compliance well.
(4) Screen interval of adjacent compliance well or compliance well completed in same geologic formation for comparison to core sample collection interval. NA if core sample location is a compliance well.
(5) Predicted concentrations of lithium in groundwater based on distribution coefficent ($K_{d)}$ = 300 L/kg (Baes et al., 1984). Predicted concentrations calculated by dividing lithium concentrations in cores (mg/kg) by 300 L/kg.
(6) Lithium concentration in compliance well detected during the September 2020 semiannual groundwater assessment event.
(7) Lithium concentration in compliance well WGWC-9 during the September 2020 semiannual groundwater assessment event.
(8) Lithium concentration in compliance well WGWC-10 during the September 2020 semiannual groundwater assessment event.

FIGURES



Characterization Monitoring Well
Compliance Monitoring Well
Piezometer
Abandoned Boring/Piezometer
Approximate Boundary of AP-1
Strike-Slip Fault
Thrust Fault

Amphibolite
Biotite Gneiss
Garnet Schist
Long Island Creek Gneiss
Mixed Unit (Mica Schist, Gneiss and Metagraywacke)
Muscovite Schist

Quartzite
Schist-Amphibolite
Sheared Button Schist

0 1,600 Feet

N

Service Layer Credits: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community 2018.

Monitoring Well Network, Piezometers, and Site Geology
Plant Wansley
Georgia Power Company
1371 Liberty Church Road
Carrolton, Ga 30116

Geosyntec consultants

Kennesaw, Ga | February 2021

Figure 1

\\aro-01\prj1$\GA Power\Plant Wansley\GIS\MXD\Revised Monitoring Well Network with Geology.mxd 2/22/2021 2:02:44 PM

N

LEGEND

- Compliance Monitoring Well
- Characterization Monitoring Well
- Piezometer
- Test Boring/Piezometer
- 2020 Rock Core Sampling Location

Notes:
1.Service Layer Credits: Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community, June 2018.

0 400 800 1,600
SCALE IN FEET

MONITORING WELL NETWORK AND 2020 ROCK CORE SAMPLING LOCATIONS

GEORGIA POWER COMPANY
PLANT WANSLEY AP-1
HEARD AND CARROLL COUNTIES, GEORGIA

Prepared For: Georgia Power

Prepared By: Geosyntec consultants

KENNESAW, GA | NOVEMBER 2020

FIGURE 2

N:\GA Power\Plant Wansley GW Services\GIS\mxd\2020\ASD_LF\Figure 1_Monitoring Well Network and Rock core Sample Location Map_v2.mxd 11/18/2020 12:04:53 PM

APPENDIX A

Select Boring Logs

Easting and Northing in NAD 83. Elevation in NAVD 88.

Geosyntec consultants

Client: **Southern Company Services**
Project: **Plant Wansley Pre-Design Investigation**
Address: **1371 Liberty Church Rd. Carrollton, GA 30116**

BORING LOG
Boring No. **PB-3D/3S**

Drilling Start Date:	**2/23/2017**	Boring Depth (ft):	**63**	Well Depth (ft):	**(28-38) & (52-62)**
Drilling End Date:	**2/24/2017**	Boring Diameter (in):	**6" x 4"**	Well Diameter (in):	**1**
Drilling Company:	**Cascade**	Sampling Method(s):	**ST, SC, HQ**	Screen Slot (in):	**0.01**
Drilling Method:	**Sonic/HQ Rock Coring**	DTW During Drilling (ft):	**--**	Riser Material:	**PVC**
Drilling Equipment:	**Full size truck**	DTW After Drilling (ft):	**--**	Screen Material:	**PVC**
Driller Name:	**V. Scott**	Ground Surface Elev. (ft):	**804.57**	Seal Material(s):	**Bentonite**
Logged By:	**J. Ivanowski**	Location (Y, X):	**1243273.69, 2029686.62**	Filter Pack:	**20/40 silica sand**

DEPTH (ft)	GRAPHIC LOG	WATER LEVEL	WELL COMPLETION	COLLECT: Sample Type	COLLECT: Recovery (ft)	COLLECT: RQD (%)	COLLECT: Photo	MATERIAL DESCRIPTION	SAMPLE	REMARKS	ELEVATION (ft NAVD 88)
0								(0') SILTY CLAY with gravel, with railroad ballast, fill		Air-knifed to top of rock	
							Photo 1 of photo log	(2') METAQUARTZITE, intensely fractured, pale yellow to white, granular, very hard, iron oxide staining, cataclasite, iron oxide scale		Good water return (~50%)	
5											800
								(7') METAQUARTZITE, intensely fractured, white to pale brown, granular, iron oxide staining, cataclasite, iron oxide scaling, increasing competency with depth		Hard drilling, ~50% return	
10											795
15											790
								(17') Same as above, more fractured		Softer drilling, slightly less water return	
20											785

NOTE:

Easting and Northing in NAD 83. Elevation in NAVD 88.

Geosyntec consultants

Client: **Southern Company Services**
Project: **Plant Wansley Pre-Design Investigation**
Address: **1371 Liberty Church Rd. Carrollton, GA 30116**

BORING LOG
Boring No.**-PB-3D/3S**
Page: **2 of 4**

Drilling Start Date:	**2/23/2017**	Boring Depth (ft):	**63**	Well Depth (ft):	**(28-38) & (52-62)**
Drilling End Date:	**2/24/2017**	Boring Diameter (in):	**6" x 4"**	Well Diameter (in):	**1**
Drilling Company:	**Cascade**	Sampling Method(s):	**ST, SC, HQ**	Screen Slot (in):	**0.01**
Drilling Method:	**Sonic/HQ Rock Coring**	DTW During Drilling (ft):	**--**	Riser Material:	**PVC**
Drilling Equipment:	**Full size truck**	DTW After Drilling (ft):	**--**	Screen Material:	**PVC**
Driller Name:	**V. Scott**	Ground Surface Elev. (ft):	**804.57**	Seal Material(s):	**Bentonite**
Logged By:	**J. Ivanowski**	Location (Y, X):	**1243273.69, 2029686.62**	Filter Pack:	**20/40 silica sand**

DEPTH (ft)	GRAPHIC LOG	WATER LEVEL	WELL COMPLETION	COLLECT: Sample Type	COLLECT: Recovery (ft)	COLLECT: RQD (%)	COLLECT: Photo	MATERIAL DESCRIPTION	SAMPLE	REMARKS	ELEVATION (ft NAVD 88)
20								(20') METAQUARTZITE, intensely fractured, pale yellow to white, iron oxide staining, felsic cataclasite, iron oxide staining			
25										Moderately hard drilling, water recovery ~30%	780
30							Photo 8 of photo log	(30') GNEISS, intensely fractured, pale blue to pink, weakly foliated, staining of fracture surfaces			775
								(32') METAQUARTZITE, intensely fractured, pale brown to tan, cataclasite, gravelly, highly oxidized			
35							Photo 11 of photo log	(36') Same rock as above, more competent, fewer natural fractures		Harder drilling, water return ~60%	770
40											765

NOTE:

Easting and Northing in NAD 83. Elevation in NAVD 88.

Geosyntec consultants

Client: **Southern Company Services**
Project: **Plant Wansley Pre-Design Investigation**
Address: **1371 Liberty Church Rd. Carrollton, GA 30116**

BORING LOG
Boring No. **PB-3D/3S**
Page: **3 of 4**

Drilling Start Date:	**2/23/2017**	Boring Depth (ft):	**63**	Well Depth (ft):	**(28-38) & (52-62)**
Drilling End Date:	**2/24/2017**	Boring Diameter (in):	**6" x 4"**	Well Diameter (in):	**1**
Drilling Company:	**Cascade**	Sampling Method(s):	**ST, SC, HQ**	Screen Slot (in):	**0.01**
Drilling Method:	**Sonic/HQ Rock Coring**	DTW During Drilling (ft):	**--**	Riser Material:	**PVC**
Drilling Equipment:	**Full size truck**	DTW After Drilling (ft):	**--**	Screen Material:	**PVC**
Driller Name:	**V. Scott**	Ground Surface Elev. (ft):	**804.57**	Seal Material(s):	**Bentonite**
Logged By:	**J. Ivanowski**	Location (Y, X):	**1243273.69, 2029686.62**	Filter Pack:	**20/40 silica sand**

DEPTH (ft)	GRAPHIC LOG	WATER LEVEL	WELL COMPLETION	COLLECT: Sample Type	COLLECT: Recovery (ft)	COLLECT: RQD (%)	COLLECT: Photo	MATERIAL DESCRIPTION	SAMPLE	REMARKS	ELEVATION (ft NAVD 88)
40											
							Photo 13 of photo log	(40.5') GNEISS, foliated, pale blue to pink, increasing competency			
45											760
				HQ	2	92		(47') GNEISS, distinct mineral banding, blueish gray and pink, few very high angle (~65°) healed hairline fractures; high RQD; no oxidation present		Stopped for 2/23/17, started HQ Coring on 2/24/17, water return=~80%	
50								(49') Becoming more pink, cataclastic, abundant intersecting healed hairline fractures; possible water-bearing fractures at 49.2', 50.7', 52.5', 54.0' (very slight film on fracture surfaces; no staining)			755
				HQ	7	87				Very hard, slow, 2 hrs to drill 7 ft, water return ~80%	
55											750
				HQ	3	54		(57') GNEISS, low angle open fractures, pale brown to tan, heavily oxidized, scale on surfaces (58') GNEISS, steep foliated, blueish gray		Very slow, water recovery ~60%	
60											745

NOTE:

Easting and Northing in NAD 83. Elevation in NAVD 88.

Geosyntec consultants

Client: **Southern Company Services**
Project: **Plant Wansley Pre-Design Investigation**
Address: **1371 Liberty Church Rd. Carrollton, GA 30116**

BORING LOG
Boring No. **PB-3D/3S**

Drilling Start Date:	**2/23/2017**	Boring Depth (ft):	**63**	Well Depth (ft):	**(28-38) & (52-62)**
Drilling End Date:	**2/24/2017**	Boring Diameter (in):	**6" x 4"**	Well Diameter (in):	**1**
Drilling Company:	**Cascade**	Sampling Method(s):	**ST, SC, HQ**	Screen Slot (in):	**0.01**
Drilling Method:	**Sonic/HQ Rock Coring**	DTW During Drilling (ft):	**--**	Riser Material:	**PVC**
Drilling Equipment:	**Full size truck**	DTW After Drilling (ft):	**--**	Screen Material:	**PVC**
Driller Name:	**V. Scott**	Ground Surface Elev. (ft):	**804.57**	Seal Material(s):	**Bentonite**
Logged By:	**J. Ivanowski**	Location (Y, X):	**1243273.69, 2029686.62**	Filter Pack:	**20/40 silica sand**

DEPTH (ft)	GRAPHIC LOG	WATER LEVEL	WELL COMPLETION	COLLECT: Sample Type	COLLECT: Recovery (ft)	COLLECT: RQD (%)	COLLECT: Photo	MATERIAL DESCRIPTION	SAMPLE	REMARKS	ELEVATION (ft NAVD 88)
60								(58') GNEISS, steep foliated, blueish gray*(continued)*			

(63.0') Boring Terminated

NOTE:

Easting and Northing in NAD 83. Elevation in NAVD 88.

Geosyntec consultants

Client: **Southern Company Services**
Project: **Plant Wansley Pre-Design Investigation**
Address: **1371 Liberty Church Rd. Carrollton, GA 30116**

BORING LOG
Boring No. **PB-4D/4S**
Page: **1 of 4**

Drilling Start Date:	**2/21/2017**	Boring Depth (ft):	**80**	Well Depth (ft):	**(25-35) & (63-73)**
Drilling End Date:	**2/22/2017**	Boring Diameter (in):	**6" x 4"**	Well Diameter (in):	**1**
Drilling Company:	**Cascade**	Sampling Method(s):	**ST, SC, HQ**	Screen Slot (in):	**0.01**
Drilling Method:	**Sonic/HQ Rock Coring**	DTW During Drilling (ft):	**--**	Riser Material:	**PVC**
Drilling Equipment:	**Full size truck**	DTW After Drilling (ft):	**--**	Screen Material:	**PVC**
Driller Name:	**V. Scott**	Ground Surface Elev. (ft):	**809.43**	Seal Material(s):	**Bentonite**
Logged By:	**J. Ivanowski**	Location (Y, X):	**1242790.61, 2029126.42**	Filter Pack:	**20/40 silica sand**

DEPTH (ft)	GRAPHIC LOG	WATER LEVEL	WELL COMPLETION	COLLECT: Sample Type	COLLECT: Recovery (ft)	COLLECT: RQD (%)	COLLECT: Photo	MATERIAL DESCRIPTION	SAMPLE	REMARKS	ELEVATION (ft NAVD 88)
0								(0') SANDY SILT with cobbles (ML)		0-10' removed by air knife	
5											805
								(8') Becomes very hard			
10								(10') SILT with angular gravel (ML); very dense, wet, pale yellow to white, relict rock fabric, SAPROLITE	PB-4 (11-12)		800
				SC	8		Photo 2 of photo log			~75% water recovery	
							Photo 4 of photo log	(14') PARTIALLY WEATHERED ROCK, hard, dry, fragments of gneiss		Driller reporterd very hard drilling ~50% water recover	795
15								(15') SILT with angular gravel (ML); very dense, wet, pale yellow to white, relict rock fabric, SAPROLITE	PB-4 (15-16)		
								(16.5') METAQUARTZITE, banded, pale gray to white			
								(17.5') METAQUARTZITE, granular, intensely fractured rock, felsic gneiss to quartzite, abundant oxidation along fractures			790
20											

NOTE:

Geosyntec consultants

Client: **Southern Company Services**
Project: **Plant Wansley Pre-Design Investigation**
Address: **1371 Liberty Church Rd. Carrollton, GA 30116**

BORING LOG
Boring No. **PB-4D/4S**
Page: **2 of 4**

Drilling Start Date:	**2/21/2017**	Boring Depth (ft):	**80**	Well Depth (ft):	**(25-35) & (63-73)**
Drilling End Date:	**2/22/2017**	Boring Diameter (in):	**6" x 4"**	Well Diameter (in):	**1**
Drilling Company:	**Cascade**	Sampling Method(s):	**ST, SC, HQ**	Screen Slot (in):	**0.01**
Drilling Method:	**Sonic/HQ Rock Coring**	DTW During Drilling (ft):	**--**	Riser Material:	**PVC**
Drilling Equipment:	**Full size truck**	DTW After Drilling (ft):	**--**	Screen Material:	**PVC**
Driller Name:	**V. Scott**	Ground Surface Elev. (ft):	**809.43**	Seal Material(s):	**Bentonite**
Logged By:	**J. Ivanowski**	Location (Y, X):	**1242790.61, 2029126.42**	Filter Pack:	**20/40 silica sand**

DEPTH (ft)	GRAPHIC LOG	WATER LEVEL	WELL COMPLETION	COLLECT: Sample Type	COLLECT: Recovery (ft)	COLLECT: RQD (%)	COLLECT: Photo	MATERIAL DESCRIPTION	SAMPLE	REMARKS	ELEVATION (ft NAVD 88)
20				SC	6		Photo 5 of photo log	(20') As above; metaquartzite, intensely fractured, iron oxide staining along fracture surfaces, rock is broken into large gravel and small cobble size fragments	PB-4 (24-25)	Driller reports 50% water return during run	
25											785
							Photo 10 of photo log				780
30				SC	6.5						
35											775
				HQ	1.8			(37') As above; intensley fractured, sand and mud filled fracture at 38.1'		Switched to HQ coring, pulled 2' core due to blockage ~40% water return	770
40										~40% water	

NOTE:

Easting and Northing in NAD 83. Elevation in NAVD 88.

Geosyntec consultants

Client: **Southern Company Services**
Project: **Plant Wansley Pre-Design Investigation**
Address: **1371 Liberty Church Rd. Carrollton, GA 30116**

BORING LOG
Boring No. **PB-4D/4S**
Page: **3 of 4**

Drilling Start Date:	**2/21/2017**	Boring Depth (ft):	**80**	Well Depth (ft):	**(25-35) & (63-73)**
Drilling End Date:	**2/22/2017**	Boring Diameter (in):	**6" x 4"**	Well Diameter (in):	**1**
Drilling Company:	**Cascade**	Sampling Method(s):	**ST, SC, HQ**	Screen Slot (in):	**0.01**
Drilling Method:	**Sonic/HQ Rock Coring**	DTW During Drilling (ft):	**--**	Riser Material:	**PVC**
Drilling Equipment:	**Full size truck**	DTW After Drilling (ft):	**--**	Screen Material:	**PVC**
Driller Name:	**V. Scott**	Ground Surface Elev. (ft):	**809.43**	Seal Material(s):	**Bentonite**
Logged By:	**J. Ivanowski**	Location (Y, X):	**1242790.61, 2029126.42**	Filter Pack:	**20/40 silica sand**

DEPTH (ft)	GRAPHIC LOG	WATER LEVEL	WELL COMPLETION	COLLECT: Sample Type	COLLECT: Recovery (ft)	COLLECT: RQD (%)	COLLECT: Photo	MATERIAL DESCRIPTION	SAMPLE	REMARKS	ELEVATION (ft NAVD 88)
40				HQ	5	27	Photo 13 of photo log	(40') METAQUARTZITE, iron oxide staining, high angle fractures with oxide stained surfaces, surfaces are smooth-undulating		recovery	
								(43') Increasing competency with depth			
								(44') Intensely fractured zone, heavily oxidized			
45								(44.4') Sand filled fracture		~50% water recovery, used ~200 gallons per 5' run	765
				HQ	5	43					
								(47') More competent, few high angle fractures, oxidized surfaces			
								(47.9') Mud-filled fracture			
								(49') GNEISS, banded, dark gray to blue, more competent few fractures, fracture zone at 49.5			760
50										Used ~250 gal for this 7' run, return ~60%	
				HQ	7	60	Photo 16 of photo log	(52') Pale yellow to orange, open fracture		End for 2/21/17	
								(52.5') GNEISS, blue to gray, mechanical breaks			
								(53') Pale brown, intensely fractured, oxidized fracture zone at 54.5'			
											755
55								(54.5') GNEISS, blue to gray, mylonitized with white augen, oxidized fractures at 56.4', 59.5', 61.0', 61.5', 61.7', and 62.1'			
										~100 gal water used, ~70% recovery	
											750
60											

NOTE:

Easting and Northing in NAD 83. Elevation in NAVD 88.

Geosyntec consultants

Client: **Southern Company Services**
Project: **Plant Wansley Pre-Design Investigation**
Address: **1371 Liberty Church Rd. Carrollton, GA 30116**

BORING LOG
Boring No. **PB-4D/4S**

Drilling Start Date:	**2/21/2017**	Boring Depth (ft):	**80**	Well Depth (ft):	**(25-35) & (63-73)**
Drilling End Date:	**2/22/2017**	Boring Diameter (in):	**6" x 4"**	Well Diameter (in):	**1**
Drilling Company:	**Cascade**	Sampling Method(s):	**ST, SC, HQ**	Screen Slot (in):	**0.01**
Drilling Method:	**Sonic/HQ Rock Coring**	DTW During Drilling (ft):	**--**	Riser Material:	**PVC**
Drilling Equipment:	**Full size truck**	DTW After Drilling (ft):	**--**	Screen Material:	**PVC**
Driller Name:	**V. Scott**	Ground Surface Elev. (ft):	**809.43**	Seal Material(s):	**Bentonite**
Logged By:	**J. Ivanowski**	Location (Y, X):	**1242790.61, 2029126.42**	Filter Pack:	**20/40 silica sand**

DEPTH (ft)	GRAPHIC LOG	WATER LEVEL	WELL COMPLETION	COLLECT: Sample Type	Recovery (ft)	RQD (%)	Photo	MATERIAL DESCRIPTION	SAMPLE	REMARKS	ELEVATION (ft NAVD 88)
60				HQ	8	64	Photo 20 of photo log	(54.5') GNEISS, blue to gray, mylonitized with white augen, oxidized fractures at 56.4', 59.5', 61.0', 61.5', 61.7', and 62.1'*(continued)*			
								(64') GNEISS, dark blue to gray, no staining, high angle fractures; open fractures at 64.5', 65.2', 65.4', 65.5', and 66.0'			745
65				HQ	4	21				~20% water recovery	
								(66.5') Intensely fractured from 66.5' to 67.0', filled with sand and gravel, stained with iron-oxide			
							Photo 27 of photo log	(68') GNEISS, poorly weathered, very dark blue to gray, strong quartz banding with epidote, few hairline fractures (high angle)			740
70				HQ	6	74				Very hard, slow drilling, good water return >70%	
								(74') As above; pink potassium feldspar pegmatites, nearly unfractured			735
75				HQ	6	90	Photo 31 of photo log			Very hard, slow drilling, water return ~70%	
											730
80								(80.0') Boring Terminated			

NOTE:

Easting and Northing in NAD 83. Elevation in NAVD 88.

Geosyntec consultants

Client: **Southern Company Services**
Project: **Plant Wansley Pre-Design Investigation**
Address: **1371 Liberty Church Rd. Carrollton, GA 30116**

BORING LOG
Boring No. **PB-7**

Drilling Start Date:	**3/23/2017**	Boring Depth (ft):	**167**	Well Depth (ft):	**(65-75)**
Drilling End Date:	**3/31/2017**	Boring Diameter (in):	**6" x 4"**	Well Diameter (in):	**2**
Drilling Company:	**Cascade**	Sampling Method(s):	**ST, SC, HQ**	Screen Slot (in):	**0.01**
Drilling Method:	**Sonic/HQ Rock Coring**	DTW During Drilling (ft):	**--**	Riser Material:	**PVC**
Drilling Equipment:	**Terra Sonic**	DTW After Drilling (ft):	**--**	Screen Material:	**PVC**
Driller Name:	**A. Blackwood**	Ground Surface Elev. (ft):	**816.51**	Seal Material(s):	**Bentonite**
Logged By:	**N. Tilahun and J. Griffin**	Location (Y, X):	**1240837.08, 2026768.14**	Filter Pack:	**Sand Pack**

DEPTH (ft)	GRAPHIC LOG	WATER LEVEL	WELL COMPLETION	COLLECT: Sample Type	COLLECT: Recovery (ft)	COLLECT: RQD (%)	COLLECT: Photo	MATERIAL DESCRIPTION	SAMPLE	REMARKS	ELEVATION (ft NAVD 88)
0								(0') Air knifed for utility clearance			815
5											810
								(7') No recovery			
				SC	0						
10											805
15				SC	3						800
								(17') CLAY with silt (CL); some silt, medium plasticity, soft, moist, reddish yellow (7.5YR 6/8), foliation (angular rock fragments in a black layer near the bottom), SAPROLITE	PB-7 (18-19)		
20											

NOTE:

Easting and Northing in NAD 83. Elevation in NAVD 88.

Geosyntec consultants

Client: **Southern Company Services**
Project: **Plant Wansley Pre-Design Investigation**
Address: **1371 Liberty Church Rd. Carrollton, GA 30116**

BORING LOG
Boring No. **PB-7**

Drilling Start Date:	**3/23/2017**	Boring Depth (ft):	**167**	Well Depth (ft):	**(65-75)**
Drilling End Date:	**3/31/2017**	Boring Diameter (in):	**6" x 4"**	Well Diameter (in):	**2**
Drilling Company:	**Cascade**	Sampling Method(s):	**ST, SC, HQ**	Screen Slot (in):	**0.01**
Drilling Method:	**Sonic/HQ Rock Coring**	DTW During Drilling (ft):	**--**	Riser Material:	**PVC**
Drilling Equipment:	**Terra Sonic**	DTW After Drilling (ft):	**--**	Screen Material:	**PVC**
Driller Name:	**A. Blackwood**	Ground Surface Elev. (ft):	**816.51**	Seal Material(s):	**Bentonite**
Logged By:	**N. Tilahun and J. Griffin**	Location (Y, X):	**1240837.08, 2026768.14**	Filter Pack:	**Sand Pack**

DEPTH (ft)	GRAPHIC LOG	WATER LEVEL	WELL COMPLETION	COLLECT: Sample Type	COLLECT: Recovery (ft)	COLLECT: RQD (%)	COLLECT: Photo	MATERIAL DESCRIPTION	SAMPLE	REMARKS	ELEVATION (ft NAVD 88)
20							Photo 2 of photo log	(17') CLAY with silt (CL); some silt, medium plasticity, soft, moist, reddish yellow (7.5YR 6/8), foliation (angular rock fragments in a black layer near the bottom), SAPROLITE*(continued)*			795
									PB-7 (24-25)		
25		▽		SC	6.5						790
									PB-7 (29-30)		
30								(30') Becomes red (2.5YR 5/8)			785
				SC	7						
									PB-7 (34-35)		
35								(35') Angular fine gravel (quartz) in black layer at 49'			
				ST	2				PB-7 (35-37)		780
				SC	3						
40											

NOTE:

Geosyntec consultants

Client: **Southern Company Services**
Project: **Plant Wansley Pre-Design Investigation**
Address: **1371 Liberty Church Rd. Carrollton, GA 30116**

BORING LOG
Boring No. **PB-7**
Page: **3 of 9**

Drilling Start Date:	**3/23/2017**	Boring Depth (ft):	**167**	Well Depth (ft):	**(65-75)**
Drilling End Date:	**3/31/2017**	Boring Diameter (in):	**6" x 4"**	Well Diameter (in):	**2**
Drilling Company:	**Cascade**	Sampling Method(s):	**ST, SC, HQ**	Screen Slot (in):	**0.01**
Drilling Method:	**Sonic/HQ Rock Coring**	DTW During Drilling (ft):	**--**	Riser Material:	**PVC**
Drilling Equipment:	**Terra Sonic**	DTW After Drilling (ft):	**--**	Screen Material:	**PVC**
Driller Name:	**A. Blackwood**	Ground Surface Elev. (ft):	**816.51**	Seal Material(s):	**Bentonite**
Logged By:	**N. Tilahun and J. Griffin**	Location (Y, X):	**1240837.08, 2026768.14**	Filter Pack:	**Sand Pack**

DEPTH (ft)	GRAPHIC LOG	WATER LEVEL	WELL COMPLETION	COLLECT: Sample Type	COLLECT: Recovery (ft)	COLLECT: RQD (%)	COLLECT: Photo	MATERIAL DESCRIPTION	SAMPLE	REMARKS	ELEVATION (ft NAVD 88)
40								(35') Angular fine gravel (quartz) in black layer at 49'*(continued)*			
											775
									PB-7 (44-45)		
45				SC	10						
											770
50											
								(51') As above, abundant white banding			765
									PB-7 (54-55)		
55				SC	12						
											760
60											

NOTE:

Easting and Northing in NAD 83. Elevation in NAVD 88.

Geosyntec consultants

Client: **Southern Company Services**
Project: **Plant Wansley Pre-Design Investigation**
Address: **1371 Liberty Church Rd. Carrollton, GA 30116**

BORING LOG
Boring No. **PB-7**

Drilling Start Date:	**3/23/2017**	Boring Depth (ft):	**167**	Well Depth (ft):	**(65-75)**
Drilling End Date:	**3/31/2017**	Boring Diameter (in):	**6" x 4"**	Well Diameter (in):	**2**
Drilling Company:	**Cascade**	Sampling Method(s):	**ST, SC, HQ**	Screen Slot (in):	**0.01**
Drilling Method:	**Sonic/HQ Rock Coring**	DTW During Drilling (ft):	**--**	Riser Material:	**PVC**
Drilling Equipment:	**Terra Sonic**	DTW After Drilling (ft):	**--**	Screen Material:	**PVC**
Driller Name:	**A. Blackwood**	Ground Surface Elev. (ft):	**816.51**	Seal Material(s):	**Bentonite**
Logged By:	**N. Tilahun and J. Griffin**	Location (Y, X):	**1240837.08, 2026768.14**	Filter Pack:	**Sand Pack**

DEPTH (ft)	GRAPHIC LOG	WATER LEVEL	WELL COMPLETION	COLLECT: Sample Type	COLLECT: Recovery (ft)	COLLECT: RQD (%)	COLLECT: Photo	MATERIAL DESCRIPTION	SAMPLE	REMARKS	ELEVATION (ft NAVD 88)
60								(51') As above, abundant white banding*(continued)*			
											755
									PB-7 (64-65)		
65				SC	11			(65') Coarse angular cobbles (quartz?)			
											750
70											
											745
									PB-7 (74-75)		
75				SC	10			(75') Becomes light olive brown (2.5Y 5/3)			
											740
80											

NOTE:

Easting and Northing in NAD 83. Elevation in NAVD 88.

Geosyntec consultants

Client: **Southern Company Services**
Project: **Plant Wansley Pre-Design Investigation**
Address: **1371 Liberty Church Rd. Carrollton, GA 30116**

BORING LOG
Boring No. **PB-7**

Drilling Start Date:	**3/23/2017**	Boring Depth (ft):	**167**	Well Depth (ft):	**(65-75)**
Drilling End Date:	**3/31/2017**	Boring Diameter (in):	**6" x 4"**	Well Diameter (in):	**2**
Drilling Company:	**Cascade**	Sampling Method(s):	**ST, SC, HQ**	Screen Slot (in):	**0.01**
Drilling Method:	**Sonic/HQ Rock Coring**	DTW During Drilling (ft):	**--**	Riser Material:	**PVC**
Drilling Equipment:	**Terra Sonic**	DTW After Drilling (ft):	**--**	Screen Material:	**PVC**
Driller Name:	**A. Blackwood**	Ground Surface Elev. (ft):	**816.51**	Seal Material(s):	**Bentonite**
Logged By:	**N. Tilahun and J. Griffin**	Location (Y, X):	**1240837.08, 2026768.14**	Filter Pack:	**Sand Pack**

DEPTH (ft)	GRAPHIC LOG	WATER LEVEL	WELL COMPLETION	COLLECT: Sample Type	COLLECT: Recovery (ft)	COLLECT: RQD (%)	COLLECT: Photo	MATERIAL DESCRIPTION	SAMPLE	REMARKS	ELEVATION (ft NAVD 88)
80								(80') Becomes brownish yellow (10YR 6/8)			
											735
									PB-7 (83-84)		
									PB-7 (84-85)		
85				SC	13.5		Photo 9 of photo log				
								(86') Fine and coarse gravel (quartz?) layer, angular, up to 2" diameter	PB-7 (86-87)		730
90								(90') CLAY with intact rock fragment (CL); olive (5Y 4/2), easily broken by hand, some fragments cannot be broken by hand, INTENSELY WEATHERED ROCK	PB-7 (90-91)		
											725
									PB-7 (94-95)		
95										Hard drilling, core barrel is advancing very slowly	
											720
							Photo 10 of photo log				
100											

NOTE:

Easting and Northing in NAD 83. Elevation in NAVD 88.

Geosyntec consultants

Client: **Southern Company Services**
Project: **Plant Wansley Pre-Design Investigation**
Address: **1371 Liberty Church Rd. Carrollton, GA 30116**

BORING LOG
Boring No. **PB-7**

Drilling Start Date:	**3/23/2017**	Boring Depth (ft):	**167**	Well Depth (ft):	**(65-75)**
Drilling End Date:	**3/31/2017**	Boring Diameter (in):	**6" x 4"**	Well Diameter (in):	**2**
Drilling Company:	**Cascade**	Sampling Method(s):	**ST, SC, HQ**	Screen Slot (in):	**0.01**
Drilling Method:	**Sonic/HQ Rock Coring**	DTW During Drilling (ft):	**--**	Riser Material:	**PVC**
Drilling Equipment:	**Terra Sonic**	DTW After Drilling (ft):	**--**	Screen Material:	**PVC**
Driller Name:	**A. Blackwood**	Ground Surface Elev. (ft):	**816.51**	Seal Material(s):	**Bentonite**
Logged By:	**N. Tilahun and J. Griffin**	Location (Y, X):	**1240837.08, 2026768.14**	Filter Pack:	**Sand Pack**

DEPTH (ft)	GRAPHIC LOG	WATER LEVEL	WELL COMPLETION	COLLECT: Sample Type	COLLECT: Recovery (ft)	COLLECT: RQD (%)	COLLECT: Photo	MATERIAL DESCRIPTION	SAMPLE	REMARKS	ELEVATION (ft NAVD 88)
100								(100') PARTIALLY WEATHERED ROCK, slightly weathered, gray (7.5YR 5/1), fine to coarse, moist, thinly to thickly bedded, loose, hard rock fragments (abundant mica, some grains of garnet and quartz)			715
								(104') Becomes reddish yellow (7.5YR 6/8)	PB-7 (104-105)		
105				SC	11.5		Photo 11 of photo log			Hard drilling	710
									PB-7 (108-109)		
110											705
				SC	4					Hard drilling	
									PB-7 (114-115)		
115								(115') Becomes gray (7.5YR 5/1)			700
				SC	6			(118') Becomes pinkish gray (7.5YR 6/2), dry	PB (117-119)	Hard drilling	
120				SC	1						

NOTE:

Easting and Northing in NAD 83. Elevation in NAVD 88.

Geosyntec consultants

Client: **Southern Company Services**
Project: **Plant Wansley Pre-Design Investigation**
Address: **1371 Liberty Church Rd. Carrollton, GA 30116**

BORING LOG
Boring No. **PB-7**

Drilling Start Date:	**3/23/2017**	Boring Depth (ft):	**167**	Well Depth (ft):	**(65-75)**
Drilling End Date:	**3/31/2017**	Boring Diameter (in):	**6" x 4"**	Well Diameter (in):	**2**
Drilling Company:	**Cascade**	Sampling Method(s):	**ST, SC, HQ**	Screen Slot (in):	**0.01**
Drilling Method:	**Sonic/HQ Rock Coring**	DTW During Drilling (ft):	**--**	Riser Material:	**PVC**
Drilling Equipment:	**Terra Sonic**	DTW After Drilling (ft):	**--**	Screen Material:	**PVC**
Driller Name:	**A. Blackwood**	Ground Surface Elev. (ft):	**816.51**	Seal Material(s):	**Bentonite**
Logged By:	**N. Tilahun and J. Griffin**	Location (Y, X):	**1240837.08, 2026768.14**	Filter Pack:	**Sand Pack**

DEPTH (ft)	GRAPHIC LOG	WATER LEVEL	WELL COMPLETION	COLLECT: Sample Type	COLLECT: Recovery (ft)	COLLECT: RQD (%)	COLLECT: Photo	MATERIAL DESCRIPTION	SAMPLE	REMARKS	ELEVATION (ft NAVD 88)
120								(118') Becomes pinkish gray (7.5YR 6/2), dry*(continued)*			
								(121') No Recovery			695
								(122') Becomes gray (7.5YR 5/1), moist			
									PB-7 (124-125)		
125				SC	9					Hard drilling	
									PB-7 (127-128)		690
								(128.5') Becomes pinkish gray (7.5YR 6/2), dry	PB-7 (129-130)		
130								(130') Becomes pinkish gray (7.5YR 5/1), moist, abundant platy rock fragments (schist), some rock fragments contain large grains of quartz and have irregular shape (non-platy)			685
135				SC	6					Hard drilling	
									PB-7 (137-138)		680
140											

NOTE:

Easting and Northing in NAD 83. Elevation in NAVD 88.

Geosyntec consultants

Client: **Southern Company Services**
Project: **Plant Wansley Pre-Design Investigation**
Address: **1371 Liberty Church Rd. Carrollton, GA 30116**

BORING LOG
Boring No. **PB-7**

Drilling Start Date:	**3/23/2017**	Boring Depth (ft):	**167**	Well Depth (ft):	**(65-75)**
Drilling End Date:	**3/31/2017**	Boring Diameter (in):	**6" x 4"**	Well Diameter (in):	**2**
Drilling Company:	**Cascade**	Sampling Method(s):	**ST, SC, HQ**	Screen Slot (in):	**0.01**
Drilling Method:	**Sonic/HQ Rock Coring**	DTW During Drilling (ft):	**--**	Riser Material:	**PVC**
Drilling Equipment:	**Terra Sonic**	DTW After Drilling (ft):	**--**	Screen Material:	**PVC**
Driller Name:	**A. Blackwood**	Ground Surface Elev. (ft):	**816.51**	Seal Material(s):	**Bentonite**
Logged By:	**N. Tilahun and J. Griffin**	Location (Y, X):	**1240837.08, 2026768.14**	Filter Pack:	**Sand Pack**

DEPTH (ft)	GRAPHIC LOG	WATER LEVEL	WELL COMPLETION	COLLECT: Sample Type	COLLECT: Recovery (ft)	COLLECT: RQD (%)	COLLECT: Photo	MATERIAL DESCRIPTION	SAMPLE	REMARKS	ELEVATION (ft NAVD 88)
140				SC	3		Photo 16 of photo log	(140') SCHIST, thinly to thickly bedded, gray (7.5YR 5/1), fine to coarse, very hard, fresh, weak bedding planes and high angle joints, some quartz banding, TOP OF ROCK		Hard drilling	675
145				HQ	4	100		(143') SCHIST, thinly to thickly bedded, gray (7.5YR 5/1), fine to coarse, very hard, fresh, unfractured, mechanical breaks along high angled joints, few quartz banding, some coarse quartz grains, abundant mica		Sonic drilling ends at 143' (3/29/2017), HQ rock coring begins at 143' (3/30/2017)	670
150				HQ	5.5	100					665
155				HQ	5	100					660
160							Photo 20				

NOTE:

Easting and Northing in NAD 83. Elevation in NAVD 88.

Geosyntec consultants

Client: **Southern Company Services**
Project: **Plant Wansley Pre-Design Investigation**
Address: **1371 Liberty Church Rd. Carrollton, GA 30116**

BORING LOG
Boring No. **PB-7**

Drilling Start Date:	**3/23/2017**	Boring Depth (ft):	**167**	Well Depth (ft):	**(65-75)**
Drilling End Date:	**3/31/2017**	Boring Diameter (in):	**6" x 4"**	Well Diameter (in):	**2**
Drilling Company:	**Cascade**	Sampling Method(s):	**ST, SC, HQ**	Screen Slot (in):	**0.01**
Drilling Method:	**Sonic/HQ Rock Coring**	DTW During Drilling (ft):	**--**	Riser Material:	**PVC**
Drilling Equipment:	**Terra Sonic**	DTW After Drilling (ft):	**--**	Screen Material:	**PVC**
Driller Name:	**A. Blackwood**	Ground Surface Elev. (ft):	**816.51**	Seal Material(s):	**Bentonite**
Logged By:	**N. Tilahun and J. Griffin**	Location (Y, X):	**1240837.08, 2026768.14**	Filter Pack:	**Sand Pack**

DEPTH (ft)	GRAPHIC LOG	WATER LEVEL	WELL COMPLETION	COLLECT: Sample Type	COLLECT: Recovery (ft)	COLLECT: RQD (%)	COLLECT: Photo	MATERIAL DESCRIPTION	SAMPLE	REMARKS	ELEVATION (ft NAVD 88)
160				HQ	5	100	of photo log	(143') SCHIST, thinly to thickly bedded, gray (7.5YR 5/1), fine to coarse, very hard, fresh, unfractured, mechanical breaks along high angled joints, few quartz banding, some coarse quartz grains, abundant mica*(continued)*			655
165				HQ	4.5	100					650

(167.0') Boring Terminated

NOTE:

Easting and Northing in NAD 83. Elevation in NAVD 88.

Geosyntec consultants

Client: **Southern Company Services**
Project: **Plant Wansley Pre-Design Investigation**
Address: **1371 Liberty Church Rd. Carrollton, GA 30116**

BORING LOG
Boring No. **PB-8D/I/S**

Drilling Start Date:	**4/12/2017**	Boring Depth (ft):	**147**	Well Depth (ft):	**(45-55) (75-85) (121-131)**
Drilling End Date:	**4/20/2017**	Boring Diameter (in):	**6" x 4"**	Well Diameter (in):	**N/A**
Drilling Company:	**Cascade**	Sampling Method(s):	**ST, SC, HQ**	Screen Slot (in):	**0.01**
Drilling Method:	**Sonic/HQ Rock Coring**	DTW During Drilling (ft):	**--**	Riser Material:	**PVC**
Drilling Equipment:	**Terra Sonic**	DTW After Drilling (ft):	**--**	Screen Material:	**PVC**
Driller Name:	**M. Hanson and J. Triepke**	Ground Surface Elev. (ft):	**847.24**	Seal Material(s):	**Bentonite**
Logged By:	**N. Tilahun**	Location (Y, X):	**1241128.67, 2026529.99**	Filter Pack:	**Sand Pack**

DEPTH (ft)	GRAPHIC LOG	WATER LEVEL	WELL COMPLETION	COLLECT: Sample Type	COLLECT: Recovery (ft)	COLLECT: RQD (%)	COLLECT: Photo	MATERIAL DESCRIPTION	SAMPLE	REMARKS	ELEVATION (ft NAVD 88)
0								(0') Topsoil; FILL			
								(2') CLAY with silt (CL); some silt, abundant mica, medium plasticity, soft, dry, reddish yellow (7.5YR 6/8), foliation, SAPROLITE			845
									PB-8 (4-5)		
5				SC	10		Photo 1 of photo log				
								(7') SANDY SILT (ML); abundant mica, non plastic, loose, dry, reddish yellow (7.5YR 8/6), mostly silt, foliation, rock fragments of mica (fragile), INTENSELY WEATHERED ROCK			840
									PB-8 (8-9)		
10							Photo 2 of photo log				835
									PB-8 (14-15)		
15				SC	10						830
									PB-8 (19-20)		
20											

NOTE:

Easting and Northing in NAD 83. Elevation in NAVD 88.

Geosyntec consultants

Client: **Southern Company Services**
Project: **Plant Wansley Pre-Design Investigation**
Address: **1371 Liberty Church Rd. Carrollton, GA 30116**

BORING LOG
Boring No. **PB-8D/I/S**

Drilling Start Date:	**4/12/2017**	Boring Depth (ft):	**147**	Well Depth (ft):	**(45-55) (75-85) (121-131)**
Drilling End Date:	**4/20/2017**	Boring Diameter (in):	**6" x 4"**	Well Diameter (in):	**N/A**
Drilling Company:	**Cascade**	Sampling Method(s):	**ST, SC, HQ**	Screen Slot (in):	**0.01**
Drilling Method:	**Sonic/HQ Rock Coring**	DTW During Drilling (ft):	**--**	Riser Material:	**PVC**
Drilling Equipment:	**Terra Sonic**	DTW After Drilling (ft):	**--**	Screen Material:	**PVC**
Driller Name:	**M. Hanson and J. Triepke**	Ground Surface Elev. (ft):	**847.24**	Seal Material(s):	**Bentonite**
Logged By:	**N. Tilahun**	Location (Y, X):	**1241128.67, 2026529.99**	Filter Pack:	**Sand Pack**

DEPTH (ft)	GRAPHIC LOG	WATER LEVEL	WELL COMPLETION	COLLECT: Sample Type	COLLECT: Recovery (ft)	COLLECT: RQD (%)	COLLECT: Photo	MATERIAL DESCRIPTION	SAMPLE	REMARKS	ELEVATION (ft NAVD 88)
20								(19') CLAY with silt (CL); trace fine to coarse gravel of quartz, some silt, low plasticity, soft, dry, brown (7.5YR 5/4), foliation, SAPROLITE			
								(20') CLAY with silt (CL); some silt, abundant mica, medium plasticity, soft, dry, brown (7.5YR 5/4), foliation, SAPROLITE			825
							Photo 3 of photo log				
									PB-8 (24-25)		
25				SC	10						
								(26') Becomes reddish yellow (7.5YR 8/6)			
											820
30											
											815
				SC	8				PB-8 (34-35)		
35											
											810
40											

NOTE:

Easting and Northing in NAD 83. Elevation in NAVD 88.

Geosyntec consultants

Client: **Southern Company Services**
Project: **Plant Wansley Pre-Design Investigation**
Address: **1371 Liberty Church Rd. Carrollton, GA 30116**

BORING LOG
Boring No. **PB-8D/I/S**

Drilling Start Date:	**4/12/2017**	Boring Depth (ft):	**147**	Well Depth (ft):	**(45-55) (75-85) (121-131)**
Drilling End Date:	**4/20/2017**	Boring Diameter (in):	**6" x 4"**	Well Diameter (in):	**N/A**
Drilling Company:	**Cascade**	Sampling Method(s):	**ST, SC, HQ**	Screen Slot (in):	**0.01**
Drilling Method:	**Sonic/HQ Rock Coring**	DTW During Drilling (ft):	**--**	Riser Material:	**PVC**
Drilling Equipment:	**Terra Sonic**	DTW After Drilling (ft):	**--**	Screen Material:	**PVC**
Driller Name:	**M. Hanson and J. Triepke**	Ground Surface Elev. (ft):	**847.24**	Seal Material(s):	**Bentonite**
Logged By:	**N. Tilahun**	Location (Y, X):	**1241128.67, 2026529.99**	Filter Pack:	**Sand Pack**

DEPTH (ft)	GRAPHIC LOG	WATER LEVEL	WELL COMPLETION	COLLECT: Sample Type	COLLECT: Recovery (ft)	COLLECT: RQD (%)	COLLECT: Photo	MATERIAL DESCRIPTION	SAMPLE	REMARKS	ELEVATION (ft NAVD 88)
40				SC	12			(40') CLAY (CL); some fine to coarse gravel, some mica, medium plasticity, soft, dry, brown (7.5YR 5/4)			
								(42') Hard, gray (7.5YR 5/1), angular			805
									PB-8 (44-45)		
45								(45') CLAY with silt (CL); some silt, abundant mica, low plasticity, soft, dry, gray (7.5YR 6/1), foliation			
											800
				SC	8				PB-8 (49-50)		
50							Photo 6 of photo log				
		▽									795
55				SC	10						
											790
							Photo 7 of photo log	(58') CLAY with silt (CL); some silt, abundant mica, low plasticity, soft, dry, gray (7.5YR 6/1), fragile, mica rock fragments, INTENSELY WEATHERED ROCK (58.9') Becomes trace fine to coarse sand, moist	PB-8 (59-60)		
60											

NOTE:

Easting and Northing in NAD 83. Elevation in NAVD 88.

Geosyntec consultants

Client: **Southern Company Services**
Project: **Plant Wansley Pre-Design Investigation**
Address: **1371 Liberty Church Rd. Carrollton, GA 30116**

BORING LOG
Boring No. **PB-8D/I/S**

Drilling Start Date:	**4/12/2017**	Boring Depth (ft):	**147**	Well Depth (ft):	**(45-55) (75-85) (121-131)**
Drilling End Date:	**4/20/2017**	Boring Diameter (in):	**6" x 4"**	Well Diameter (in):	**N/A**
Drilling Company:	**Cascade**	Sampling Method(s):	**ST, SC, HQ**	Screen Slot (in):	**0.01**
Drilling Method:	**Sonic/HQ Rock Coring**	DTW During Drilling (ft):	**--**	Riser Material:	**PVC**
Drilling Equipment:	**Terra Sonic**	DTW After Drilling (ft):	**--**	Screen Material:	**PVC**
Driller Name:	**M. Hanson and J. Triepke**	Ground Surface Elev. (ft):	**847.24**	Seal Material(s):	**Bentonite**
Logged By:	**N. Tilahun**	Location (Y, X):	**1241128.67, 2026529.99**	Filter Pack:	**Sand Pack**

DEPTH (ft)	GRAPHIC LOG	WATER LEVEL	WELL COMPLETION	COLLECT: Sample Type	COLLECT: Recovery (ft)	COLLECT: RQD (%)	COLLECT: Photo	MATERIAL DESCRIPTION	SAMPLE	REMARKS	ELEVATION (ft NAVD 88)
60								(60') Becomes dry			
											785
				SC	10.5						
								(64') Becomes slightly hard, some rock fragments of mica, fine to coarse grained			
65								(65') Becomes wet, driller saw water dripping as he pulled out sample			
									PB-8 (66-67)		
								(67') Becomes wet, medium plasticity			780
								(68.5') Becomes medium hard, some rock fragments of mica, fine to coarse grained, dry, low plasticity			
				SC	4.5						
70											
								(72') No recovery			775
75											
				SC	2						
											770
								(78') Becomes wet, medium plasticity			
									PB-8 (79-80)		
80								(79.5') Becomes dry			

NOTE:

Easting and Northing in NAD 83. Elevation in NAVD 88.

Geosyntec consultants

Client: **Southern Company Services**
Project: **Plant Wansley Pre-Design Investigation**
Address: **1371 Liberty Church Rd. Carrollton, GA 30116**

BORING LOG
Boring No. **PB-8D/I/S**

Drilling Start Date:	**4/12/2017**	Boring Depth (ft):	**147**	Well Depth (ft):	**(45-55) (75-85) (121-131)**
Drilling End Date:	**4/20/2017**	Boring Diameter (in):	**6" x 4"**	Well Diameter (in):	**N/A**
Drilling Company:	**Cascade**	Sampling Method(s):	**ST, SC, HQ**	Screen Slot (in):	**0.01**
Drilling Method:	**Sonic/HQ Rock Coring**	DTW During Drilling (ft):	**--**	Riser Material:	**PVC**
Drilling Equipment:	**Terra Sonic**	DTW After Drilling (ft):	**--**	Screen Material:	**PVC**
Driller Name:	**M. Hanson and J. Triepke**	Ground Surface Elev. (ft):	**847.24**	Seal Material(s):	**Bentonite**
Logged By:	**N. Tilahun**	Location (Y, X):	**1241128.67, 2026529.99**	Filter Pack:	**Sand Pack**

DEPTH (ft)	GRAPHIC LOG	WATER LEVEL	WELL COMPLETION	COLLECT: Sample Type	COLLECT: Recovery (ft)	COLLECT: RQD (%)	COLLECT: Photo	MATERIAL DESCRIPTION	SAMPLE	REMARKS	ELEVATION (ft NAVD 88)
80							Photo 11 of photo log	(80') No recovery			
								(81') Becomes dry			765
85				SC	9						
								(87') Becomes dry, reddish yellow (7.5YR 8/6), low plasticity			760
									PB-8 (89-90)		
90											
								(92') Becomes moist, light brown (7.5YR 6/4), medium plasticity			755
95				SC	8						
								(96') Becomes moist, gray (7.5YR 5/1), low plasticity			750
								(99') Becomes dry	PB-8 (99-100)		
100											

NOTE:

Easting and Northing in NAD 83. Elevation in NAVD 88.

Geosyntec consultants

Client: **Southern Company Services**
Project: **Plant Wansley Pre-Design Investigation**
Address: **1371 Liberty Church Rd. Carrollton, GA 30116**

BORING LOG
Boring No. **PB-8D/I/S**
Page: **6 of 8**

Drilling Start Date:	**4/12/2017**	Boring Depth (ft):	**147**	Well Depth (ft):	**(45-55) (75-85) (121-131)**
Drilling End Date:	**4/20/2017**	Boring Diameter (in):	**6" x 4"**	Well Diameter (in):	**N/A**
Drilling Company:	**Cascade**	Sampling Method(s):	**ST, SC, HQ**	Screen Slot (in):	**0.01**
Drilling Method:	**Sonic/HQ Rock Coring**	DTW During Drilling (ft):	**--**	Riser Material:	**PVC**
Drilling Equipment:	**Terra Sonic**	DTW After Drilling (ft):	**--**	Screen Material:	**PVC**
Driller Name:	**M. Hanson and J. Triepke**	Ground Surface Elev. (ft):	**847.24**	Seal Material(s):	**Bentonite**
Logged By:	**N. Tilahun**	Location (Y, X):	**1241128.67, 2026529.99**	Filter Pack:	**Sand Pack**

DEPTH (ft)	GRAPHIC LOG	WATER LEVEL	WELL COMPLETION	COLLECT: Sample Type	COLLECT: Recovery (ft)	COLLECT: RQD (%)	COLLECT: Photo	MATERIAL DESCRIPTION	SAMPLE	REMARKS	ELEVATION (ft NAVD 88)
100								(100') No recovery			
								(102') Mica SCHIST, gray (7.5YR 5/1), highly fractured rock, rounded, fine to coarse grain, TOP OF ROCK		Broken due to drilling	745
105				SC	8						
											740
							Photo 13 of photo log	(108') Bigger rock fragments		Too hard to push Shelby Tube from 108' to 110'	
110											
								(111.5') Mica SCHIST, thinly to thickly bedded, gray (7.5YR 5/1), fine to medium, medium hard, fresh, platy rock fragments, slightly fractured (pyrite staining on fracture surfaces), some quartz grains			735
115				SC	8.5			(115') Irregular shaped (not platty) rock fragments			
								(117') As above, GNEISS, massive bedding, banded, foliation, hard			730
120											

NOTE:

Geosyntec consultants

Client: **Southern Company Services**
Project: **Plant Wansley Pre-Design Investigation**
Address: **1371 Liberty Church Rd. Carrollton, GA 30116**

BORING LOG
Boring No. **PB-8D/I/S**
Page: **7 of 8**

Drilling Start Date:	**4/12/2017**	Boring Depth (ft):	**147**	Well Depth (ft):	**(45-55) (75-85) (121-131)**
Drilling End Date:	**4/20/2017**	Boring Diameter (in):	**6" x 4"**	Well Diameter (in):	**N/A**
Drilling Company:	**Cascade**	Sampling Method(s):	**ST, SC, HQ**	Screen Slot (in):	**0.01**
Drilling Method:	**Sonic/HQ Rock Coring**	DTW During Drilling (ft):	**--**	Riser Material:	**PVC**
Drilling Equipment:	**Terra Sonic**	DTW After Drilling (ft):	**--**	Screen Material:	**PVC**
Driller Name:	**M. Hanson and J. Triepke**	Ground Surface Elev. (ft):	**847.24**	Seal Material(s):	**Bentonite**
Logged By:	**N. Tilahun**	Location (Y, X):	**1241128.67, 2026529.99**	Filter Pack:	**Sand Pack**

DEPTH (ft)	GRAPHIC LOG	WATER LEVEL	WELL COMPLETION	COLLECT: Sample Type	COLLECT: Recovery (ft)	COLLECT: RQD (%)	COLLECT: Photo	MATERIAL DESCRIPTION	SAMPLE	REMARKS	ELEVATION (ft NAVD 88)
120				HQ	1.5	75	Photo 15 of photo log	(120') No recovery (120.5') GNEISS, massive, gray (7.5YR 5/1), medium to coarse, very hard, fresh, black and white (mafic and felsic) banding, abundant mica, pyrite fillings in tight/healed fractures (122') Mica SCHIST, thinly to thickly bedded, gray (7.5YR 5/1), fine to medium, hard, fresh, platy rock fragments, abundant mica, fracture zone from 122'-124', return water is clayey which indicated clay filled fractures		Sonic drilling ends at 120' (4/13/2017), HQ coring begins at 120' (4/20/2017)	
				HQ	5	87		(124') Massive mechanical breaks along tight fractures, slight banding			725
125											
								(127') As above, slight banding, fracture at 128'			720
				HQ	5	90					
130											
								(132') As above, fracture at 133' and 134', thin white banding, ~4" quartz layer near bottom (137')			715
				HQ	5	100					
135											
								(137') As above, fracture at 138.5' and 140', thin white banding, ~4" thich quartz layer near top (137')			710
				HQ	5	100					
140											

NOTE:

Easting and Northing in NAD 83. Elevation in NAVD 88.

Geosyntec consultants

Client: **Southern Company Services**
Project: **Plant Wansley Pre-Design Investigation**
Address: **1371 Liberty Church Rd. Carrollton, GA 30116**

BORING LOG
Boring No. **PB-8D/I/S**

Drilling Start Date:	**4/12/2017**	Boring Depth (ft):	**147**	Well Depth (ft):	**(45-55) (75-85) (121-131)**
Drilling End Date:	**4/20/2017**	Boring Diameter (in):	**6" x 4"**	Well Diameter (in):	**N/A**
Drilling Company:	**Cascade**	Sampling Method(s):	**ST, SC, HQ**	Screen Slot (in):	**0.01**
Drilling Method:	**Sonic/HQ Rock Coring**	DTW During Drilling (ft):	**--**	Riser Material:	**PVC**
Drilling Equipment:	**Terra Sonic**	DTW After Drilling (ft):	**--**	Screen Material:	**PVC**
Driller Name:	**M. Hanson and J. Triepke**	Ground Surface Elev. (ft):	**847.24**	Seal Material(s):	**Bentonite**
Logged By:	**N. Tilahun**	Location (Y, X):	**1241128.67, 2026529.99**	Filter Pack:	**Sand Pack**

DEPTH (ft)	GRAPHIC LOG	WATER LEVEL	WELL COMPLETION	COLLECT: Sample Type	COLLECT: Recovery (ft)	COLLECT: RQD (%)	COLLECT: Photo	MATERIAL DESCRIPTION	SAMPLE	REMARKS	ELEVATION (ft NAVD 88)
140								(137') As above, fracture at 138.5' and 140', thin white banding, ~4" thich quartz layer near top (137')*(continued)*			
								(142') As above, tight fractures at 143.5' and 144', thin white banding			705
				HQ	5	100					
145											

(147.0') Boring Terminated

NOTE:

Easting and Northing in NAD 83. Elevation in NAVD 88.

Geosyntec consultants

Client: **Southern Company Services**
Project: **Plant Wansley Pre-Design Investigation**
Address: **1371 Liberty Church Rd. Carrollton, GA 30116**

BORING LOG
Boring No. **PB-9**

Drilling Start Date:	**4/13/2017**	Boring Depth (ft):	**75**	Well Depth (ft):	**(60-70)**
Drilling End Date:	**4/19/2017**	Boring Diameter (in):	**6" x 4"**	Well Diameter (in):	**2**
Drilling Company:	**Cascade**	Sampling Method(s):	**ST, SC, HQ**	Screen Slot (in):	**0.01**
Drilling Method:	**Sonic/HQ Rock Coring**	DTW During Drilling (ft):	**--**	Riser Material:	**PVC**
Drilling Equipment:	**Terra Sonic**	DTW After Drilling (ft):	**--**	Screen Material:	**PVC**
Driller Name:	**M. Hanson and J. Triepke**	Ground Surface Elev. (ft):	**820.49**	Seal Material(s):	**Bentonite**
Logged By:	**N. Tilahun**	Location (Y, X):	**1241490.28, 2026504.40**	Filter Pack:	**Sand Pack**

DEPTH (ft)	GRAPHIC LOG	WATER LEVEL	WELL COMPLETION	COLLECT: Sample Type	COLLECT: Recovery (ft)	COLLECT: RQD (%)	COLLECT: Photo	MATERIAL DESCRIPTION	SAMPLE	REMARKS	ELEVATION (ft NAVD 88)
0								(0') Topsoil; FILL			820
								(3') CLAY with silt (CL); some silt, low plasticity, soft, moist, brown (7.5YR 5/4), SAPROLITE	PB-9 (4-5)		
5				SC	9		Photo 1 of photo log				815
								(7') SILT with fine sand (ML); some fine sand, loose, moist, light brown (7.5YR 6/3), fragile mica rock fragments, INTENSELY WEATHERED ROCK	PB-9 (7-8)		
								(9') SILT with clay (ML); some clay, some rock fragments of mica (small to large, hard, irregular to platy), low plasticity, soft, moist, light brown (7.5YR 6/3)			
10											810
15				SC	10		Photo 2 of photo log				805
								(17') Becomes gray (7.5YR 6/1), platy rock fragments	PB-9 (17-18)		
				SC	1			(18') Becomes gray (7.5YR 6/1)			
20											

NOTE:

Easting and Northing in NAD 83. Elevation in NAVD 88.

Geosyntec consultants

Client: **Southern Company Services**
Project: **Plant Wansley Pre-Design Investigation**
Address: **1371 Liberty Church Rd. Carrollton, GA 30116**

BORING LOG
Boring No. **PB-9**

Drilling Start Date:	**4/13/2017**	Boring Depth (ft):	**75**	Well Depth (ft):	**(60-70)**
Drilling End Date:	**4/19/2017**	Boring Diameter (in):	**6" x 4"**	Well Diameter (in):	**2**
Drilling Company:	**Cascade**	Sampling Method(s):	**ST, SC, HQ**	Screen Slot (in):	**0.01**
Drilling Method:	**Sonic/HQ Rock Coring**	DTW During Drilling (ft):	**--**	Riser Material:	**PVC**
Drilling Equipment:	**Terra Sonic**	DTW After Drilling (ft):	**--**	Screen Material:	**PVC**
Driller Name:	**M. Hanson and J. Triepke**	Ground Surface Elev. (ft):	**820.49**	Seal Material(s):	**Bentonite**
Logged By:	**N. Tilahun**	Location (Y, X):	**1241490.28, 2026504.40**	Filter Pack:	**Sand Pack**

DEPTH (ft)	GRAPHIC LOG	WATER LEVEL	WELL COMPLETION	COLLECT: Sample Type	COLLECT: Recovery (ft)	COLLECT: RQD (%)	COLLECT: Photo	MATERIAL DESCRIPTION	SAMPLE	REMARKS	ELEVATION (ft NAVD 88)
20								(19') MICA SCHIST, thinly to thickly bedded, gray (7.5YR 5/1), fine to medium, hard, fresh, platy rock fragments, abundant mica grains and pyrite, few bands of quartz layer, TOP OF ROCK*(continued)*			800
				SC	8		Photo 4 of photo log				
25		▽									795
								(29') MICA SCHIST, thinly to thickly bedded, gray (7.5YR 5/1), fine to coarse, hard, fresh, tight fractures along bedding plane, abundant mica and pyrite, some quartz		Sonic drilling ends at 29' (4/13/2017), HQ rock coring begins at 29' (4/18/2017)	
30				HQ	2						790
								(31') As above, slightly fractured, fresh, potential water bearing fractures at 33' and 35'			
				HQ	5	100				Fast drilling (1 ft/min)	
35											785
								(36') As above, fresh, mechanical break along tight fractures on joints			
				HQ	5	70				Fast drilling (1 ft/min)	
40											

NOTE:

Easting and Northing in NAD 83. Elevation in NAVD 88.

Geosyntec consultants

Client: **Southern Company Services**
Project: **Plant Wansley Pre-Design Investigation**
Address: **1371 Liberty Church Rd. Carrollton, GA 30116**

BORING LOG
Boring No. **PB-9**
Page: **3 of 4**

Drilling Start Date:	**4/13/2017**	Boring Depth (ft):	**75**	Well Depth (ft):	**(60-70)**
Drilling End Date:	**4/19/2017**	Boring Diameter (in):	**6" x 4"**	Well Diameter (in):	**2**
Drilling Company:	**Cascade**	Sampling Method(s):	**ST, SC, HQ**	Screen Slot (in):	**0.01**
Drilling Method:	**Sonic/HQ Rock Coring**	DTW During Drilling (ft):	**--**	Riser Material:	**PVC**
Drilling Equipment:	**Terra Sonic**	DTW After Drilling (ft):	**--**	Screen Material:	**PVC**
Driller Name:	**M. Hanson and J. Triepke**	Ground Surface Elev. (ft):	**820.49**	Seal Material(s):	**Bentonite**
Logged By:	**N. Tilahun**	Location (Y, X):	**1241490.28, 2026504.40**	Filter Pack:	**Sand Pack**

DEPTH (ft)	GRAPHIC LOG	WATER LEVEL	WELL COMPLETION	COLLECT: Sample Type	COLLECT: Recovery (ft)	COLLECT: RQD (%)	COLLECT: Photo	MATERIAL DESCRIPTION	SAMPLE	REMARKS	ELEVATION (ft NAVD 88)
40								(36') As above, fresh, mechanical break along tight fractures on joints*(continued)*			780
								(41') As above, fresh, mechanical break along tight fractures or joints			
				HQ	5	100				Fast drilling (1 ft/min)	
45											775
								(46') As above, fresh, mechanical break along tight fractures or joints			
				HQ	5	100		(48.6') Thick quartz layer from 48.6'-49', white		Fast drilling (1 ft/min)	
50											770
								(51') As above, fresh mechanical break along tight fractures or joints			
				HQ	5	100				0.3 ft/min drilling	
55											765
								(56') As above, fresh, fractures at 57.5' and 59.1' (slight clay and pyrite staining, narrow, parrallel to bedding plane, planar, not healed), mechanical breaks along bedding planes			
				HQ	5	93				0.3 ft/min drilling	
60											

NOTE:

Easting and Northing in NAD 83. Elevation in NAVD 88.

Geosyntec consultants

Client: **Southern Company Services**
Project: **Plant Wansley Pre-Design Investigation**
Address: **1371 Liberty Church Rd. Carrollton, GA 30116**

BORING LOG
Boring No. **PB-9**
Page: **4 of 4**

Drilling Start Date:	**4/13/2017**	Boring Depth (ft):	**75**	Well Depth (ft):	**(60-70)**
Drilling End Date:	**4/19/2017**	Boring Diameter (in):	**6" x 4"**	Well Diameter (in):	**2**
Drilling Company:	**Cascade**	Sampling Method(s):	**ST, SC, HQ**	Screen Slot (in):	**0.01**
Drilling Method:	**Sonic/HQ Rock Coring**	DTW During Drilling (ft):	**--**	Riser Material:	**PVC**
Drilling Equipment:	**Terra Sonic**	DTW After Drilling (ft):	**--**	Screen Material:	**PVC**
Driller Name:	**M. Hanson and J. Triepke**	Ground Surface Elev. (ft):	**820.49**	Seal Material(s):	**Bentonite**
Logged By:	**N. Tilahun**	Location (Y, X):	**1241490.28, 2026504.40**	Filter Pack:	**Sand Pack**

DEPTH (ft)	GRAPHIC LOG	WATER LEVEL	WELL COMPLETION	COLLECT: Sample Type	COLLECT: Recovery (ft)	COLLECT: RQD (%)	COLLECT: Photo	MATERIAL DESCRIPTION	SAMPLE	REMARKS	ELEVATION (ft NAVD 88)
60				HQ	4	40	Photo 12 of photo log	(61') As above, fresh, moderately fractured, slight pyrite and clay staining, clay fillings might be washed away by drilling water, fractures have irregular surface (planar to andulating), rock fragments don't fit well and only 4' of rock recovered which could imply soft fillings (clay) existed between rock fragments and washed out		Drilling water is muddy	760
65				HQ	5	75		(66') Same as above, fresh, intensely fractured, soft near fractures (67.5') Same as above, fresh, mechanical break along bedding planes and tight fractures			755
70				HQ	5	100		(70') Same as above, fresh, mechanical break along bedding planes and tight fractures			750
75								(75.0') Boring Terminated			

NOTE:

Log updated with revised survey data certified 6/16/2020.
Easting and Northing in NAD 83. Elevation in NAVD 88.

RECORD OF BOREHOLE WGWC8/APC-1

PROJECT: SCS Wansley
PROJECT NUMBER: 154117
DRILLED DEPTH: 57.00 ft
LOCATION: Carrollton, GA

DRILL RIG: PS-150 Track Mounted Rig
DATE STARTED: 10/29/15
DATE COMPLETED: 10/29/15

NORTHING: 1242929.40
EASTING: 2029644.58
GS ELEVATION: 777.70
TOC ELEVATION: 780.08

DEPTH W.L.: 36' (bgs)
ELEVATION W.L.: (amsl)
DATE W.L.: 11/02/2015
TIME W.L.: 12:00

DEPTH (ft)	ELEVATION (ft)	SOIL PROFILE: DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	SAMPLES: SAMPLE NO.	TYPE	REC	MONITORING WELL/ PIEZOMETER DIAGRAM and NOTES
0		0.00 - 2.00 SAPROLITE; overburden, dry to moist, brown to reddish orange	ML		775.70				
	775	2.00 - 4.00 CLAYEY SILT; dry to moist, brown overburden (saprolite)	ML		2.00 773.70				
5		4.00 - 8.00 red orange overburden (saprolite)			4.00 769.70				
	770	8.00 - 24.00 dry to moist, brown to reddish orange			8.00				
10									
	765								
15									
	760								
20									Portland Type 1
	755				753.70				
25		24.00 - 28.00 GRAVELLY CLAY; wet, yellow-orange, trace black and white stringers, manganese oxide and weathered feldspar, lean clay	GC		24.00 749.70				
	750	28.00 - 29.00 CLAYEY SAND/TRANSITIONALLY WEATHERED ROCK; wet, brown, clayey silt, some fine to coarse sand, some fine gravel size rock fragments	TWR		28.00 748.70				
30		29.00 - 57.00 Mylonitic QUARTZITE ROCK; white to light brown, rock is less coherent and likely fractured around 54-56' interval	BR		29.00				
	745								
35									
	740								
40									
	735								3/8" Bentonite Pellets
45									

Log continued on next page

WELL CASING
Interval: -2.5'-47'
Material: Schedule 40 PVC
Diameter: 2"
Joint Type: Threaded

WELL SCREEN
Interval: 47'-57'
Material: Schedule 40 PVC
Diameter: 2"
Slot Size: 0.010"
End Cap: Schedule 40 PVC

FILTER PACK
Interval: 45'-57'
Type: #1 Sand/Prepacked FIlter

FILTER PACK SEAL
Interval: 41.5'-45'
Type: 3/8" Bentonite Pellets

ANNULUS SEAL
Interval: 0'-41.5'
Type: Portland Type 1

WELL COMPLETION
Pad: 4'x4'x4"
Protective Casing: Anodized Aluminum

DRILLING METHODS
Soil Drill: Hydrovac/4-inch Sonic
Rock Drill: 4-inch Sonic

LOG SCALE: 1 in = 5.5 ft
DRILLING COMPANY: Cascade Drilling
DRILLER: Tom Ardito

GA INSPECTOR: Kristen Jurinko
CHECKED BY: Rachel P. Kirkman, P.G.
DATE: 9/29/17

Golder Associates

Log updated with revised survey data certified 6/16/2020.
Easting and Northing in NAD 83. Elevation in NAVD 88.

RECORD OF BOREHOLE WGWC8/APC-1

PROJECT: SCS Wansley
PROJECT NUMBER: 154117
DRILLED DEPTH: 57.00 ft
LOCATION: Carrollton, GA

DRILL RIG: PS-150 Track Mounted Rig
DATE STARTED: 10/29/15
DATE COMPLETED: 10/29/15

NORTHING: 1242929.40
EASTING: 2029644.58
GS ELEVATION: 777.70
TOC ELEVATION: 780.08

DEPTH W.L.: 36' (bgs)
ELEVATION W.L.: (amsl)
DATE W.L.: 11/02/2015
TIME W.L.: 12:00

DEPTH (ft)	ELEVATION (ft)	SOIL PROFILE: DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	SAMPLES: SAMPLE NO.	TYPE	REC	MONITORING WELL/ PIEZOMETER DIAGRAM and NOTES	WELL CONSTRUCTION DETAILS
45		29.00 - 57.00 Mylonitic QUARTZITE ROCK; white to light brown, rock is less coherent and likely fractured around 54-56' interval *(Continued)*	BR						#1 Sand 0.010" Slot Screen	**WELL CASING** Interval: -2.5'-47' Material: Schedule 40 PVC Diameter: 2" Joint Type: Threaded **WELL SCREEN** Interval: 47'-57' Material: Schedule 40 PVC Diameter: 2" Slot Size: 0.010" End Cap: Schedule 40 PVC **FILTER PACK** Interval: 45'-57' Type: #1 Sand/Prepacked Filter **FILTER PACK SEAL** Interval: 41.5'-45' Type: 3/8" Bentonite Pellets **ANNULUS SEAL** Interval: 0'-41.5' Type: Portland Type 1 **WELL COMPLETION** Pad: 4'x4'x4" Protective Casing: Anodized Aluminum **DRILLING METHODS** Soil Drill: Hydrovac/4-inch Sonic Rock Drill: 4-inch Sonic
50	730									
55	725									
	720	Boring completed at 57.00 ft			720.70					
60										
65	715									
70	710									
75	705									
80	700									
85	695									
90	690									

LOG SCALE: 1 in = 5.5 ft
DRILLING COMPANY: Cascade Drilling
DRILLER: Tom Ardito

GA INSPECTOR: Kristen Jurinko
CHECKED BY: Rachel P. Kirkman, P.G.
DATE: 9/29/17

Golder Associates

Log updated with revised survey data certified 6/16/2020.
Easting and Northing in NAD 83. Elevation in NAVD 88.

2012 GEOTECH LOG WITH WELL - ESEE2012DATABASE.GDT - 2/26/15 15:57 - S:\WORKGROUPS\APC GENERAL SERVICE COMPLEX\CIVIL TECH SUPPORT\DRILLING\PROJECTS\WANSLEY ASH POND PIEZ\GINT\PLANT_WANSLEY_ASH_POND_1 (2).GPJ

SOUTHERN COMPANY

LOG OF TEST BORING AND WELL INSTALLATION

ECS38198

SOUTHERN COMPANY SERVICES, INC.
EARTH SCIENCE AND ENVIRONMENTAL ENGINEERING

PROJECT Ash Pond Piezometers
LOCATION Plant Wansley

DATE STARTED 12/4/2014 **COMPLETED** 12/4/2014 **SURF. ELEV.** 809.33 **COORDINATES:** N:1242801.12 E:209115.75
CONTRACTOR CASCADE **EQUIPMENT** SONIC **METHOD** Rotosonic
DRILLED BY T.Ardito **LOGGED BY** S. Baxter **CHECKED BY** L. Millet **ANGLE** **BEARING**
BORING DEPTH 58 ft. **GROUND WATER DEPTH: DURING** **COMP.** 17 ft. **DELAYED** 12.78 ft. after 24 hrs.
NOTES

DEPTH (ft)	GRAPHIC LOG	STRATA DESCRIPTION	ELEV.	WELL DATA	ELEV. (DEPTH)
				Protective aluminum cover with bollards 4-foot square concrete pad Top of casing Elev. = 812.03	
		Utility Clearance (HYDROEXCAVATION)		Surface Seal: concrete	807.33 (2.0)
5, 10			799.33		
		Well-graded Sandy Gravel (GM) - tan, dry, fine to coarse grain, mottled brown and orange			
15, 20			789.33		
		Silt (ML) - orange, wet, clayey, mottled yellow, with coarse gravel		Annular Fill: Cement-Bentonite Grout - 6 bags, 46 lbs, Portland Type I/II, 33 gal	
			786.33		
25, 30, 35		**Silty Gravel (GM)** - white, dry, fine to coarse grain, light brown mottling, some oxidation - mottled orange	771.33		
40		**Partially Weathered Rock** - gray, fine to medium grain, medium hard to hard, moderately to			

(Continued Next Page)

SOUTHERN COMPANY

LOG OF TEST BORING AND WELL INSTALLATION

SOUTHERN COMPANY SERVICES, INC.
EARTH SCIENCE AND ENVIRONMENTAL ENGINEERING

PROJECT Ash Pond Piezometers
LOCATION Plant Wansley

DEPTH (ft)	GRAPHIC LOG	STRATA DESCRIPTION	WELL DATA
			Protective aluminum cover with bollards 4-foot square concrete pad Top of casing Elev. = 812.03
		ELEV.	ELEV. (DEPTH)
		highly weathered, with oxidation **Partially Weathered Rock***(Con't)*	(CONTINUED)
			767.83 (41.5)
			Annular Seal: bentonite chips - 1 bag, 50 lbs, Baroid 3/8" chips
			765.23 (44.1)
45			Filter: silica filter sand - 4.5 bags, 50 lbs, #1A filter media
			760.93 (48.4)
50			**Well: 2" OD PVC (SCH 40)**
			Well: 2" OD PVC (SCH 40) **Screen: 10 ft. pre-pack**
55			
		751.33	750.93
		Bottom of borehole at 58.0 feet.	Sump:0.40 ft.

2012 GEOTECH LOG WITH WELL - ESEE2012DATABASE.GDT - 2/26/15 15:57 - S:\WORKGROUPS\APC GENERAL SERVICE COMPLEX\CIVIL TECH SUPPORT\DRILLING\PROJECTS\WANSLEY ASH POND PIEZ\GINT\PLANT_WANSLEY_ASH_POND_1 (2).GPJ

Log updated with revised survey data certified 6/16/2020.
Easting and Northing in NAD 83. Elevation in NAVD 88.

RECORD OF BOREHOLE WGWC10/APC-3D

PROJECT: SCS Wansley
PROJECT NUMBER: 154117
DRILLED DEPTH: 146.00 ft
LOCATION: Carrollton, GA

DRILL RIG: PS-150 Track Mounted Rig
DATE STARTED: 10/27/15
DATE COMPLETED: 10/27/15

NORTHING: 1240971.96
EASTING: 2026725.61
GS ELEVATION: 809.61
TOC ELEVATION: 812.38

DEPTH W.L.: 7.73' (bgs)
ELEVATION W.L.: (amsl)
DATE W.L.: 10/27/15
TIME W.L.: 14:41

DEPTH (ft)	ELEVATION (ft)	SOIL PROFILE: DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	SAMPLES: SAMPLE NO.	TYPE	REC	MONITORING WELL/ PIEZOMETER DIAGRAM and NOTES
0		0.00 - 11.00 SILT; dry to moist, yellow to orange-red, some clay, some very fine sand, trace muscovite 6.00: Shelby Tube Collected: 6'-8'	ML		798.61 / 11.00				
5	805								
10	800								
		11.00 - 23.00 CLAYEY SILT; dry to moist, orange to red, 5-10% muscovite, trace black MnO, trace garnet, trace quartz, saprolite	ML		786.61 / 23.00				
15	795								
20	790								
		23.00 - 37.00 SILT; moist, yellow brown, some clay, come very fine sand, layers of white CLAYEY SILT, 3" thick lense of weathered pegmatite material at 25', 39', and 42' 36.00: Shelby Tube Collected: 36'-38'	ML		772.61 / 37.00				
25	785								
30	780								
35	775								
		37.00 - 40.00 CLAYEY SILT; some weathered pegmatite material, white/pink weathered potassium feldspar and plagioclase	ML		769.61 / 40.00				
40	770								
		40.00 - 47.00 SILT; moist, yellow brown, some clay, come very fine sand, layers of white CLAYEY SILT, 3" thick lense of weathered pegmatitic material at 42'	ML						
45	765								

Log continued on next page

WELL CASING
Interval: -2.5'-136'
Material: Schedule 40 PVC
Diameter: 2"
Joint Type: Threaded

WELL SCREEN
Interval: 136'-146'
Material: Schedule 40 PVC
Diameter: 2'
Slot Size: 0.010"
End Cap: Schedule 40 PVC

FILTER PACK
Interval: 134'-136
Type: #1 Sand Prepacked Filter

FILTER PACK SEAL
Interval: 131.5'-134'
Type: 3/8" Bentonite Pellets

ANNULUS SEAL
Interval: 0'-131.5'
Type: Portland Type 1

WELL COMPLETION
Pad: 4'x4'x4"
Protective Casing: Anodized Aluminum

DRILLING METHODS
Soil Drill: 4-inch Sonic
Rock Drill: 4-inch Sonic

LOG SCALE: 1 in = 5.5 ft
DRILLING COMPANY: Cascade Drilling
DRILLER: Tom Ardito

GA INSPECTOR: Shannon George, P.G.
CHECKED BY: Rachel P. Kirkman, P.G.
DATE: 9/29/17

Golder Associates

Log updated with revised survey data certified 6/16/2020.
Easting and Northing in NAD 83. Elevation in NAVD 88.

RECORD OF BOREHOLE WGWC10/APC-3D

PROJECT: SCS Wansley
PROJECT NUMBER: 154117
DRILLED DEPTH: 146.00 ft
LOCATION: Carrollton, GA

DRILL RIG: PS-150 Track Mounted Rig
DATE STARTED: 10/27/15
DATE COMPLETED: 10/27/15

NORTHING: 1240971.96
EASTING: 2026725.61
GS ELEVATION: 809.61
TOC ELEVATION: 812.38

DEPTH W.L.: 7.73' (bgs)
ELEVATION W.L.: (amsl)
DATE W.L.: 10/27/15
TIME W.L.: 14:41

DEPTH (ft)	ELEVATION (ft)	SOIL PROFILE: DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	SAMPLES: SAMPLE NO.	TYPE	REC	MONITORING WELL/ PIEZOMETER DIAGRAM and NOTES	WELL CONSTRUCTION DETAILS
45			ML		762.61					
		47.00 - 58.00 SAPROLITE; moist, grayish brown with some orange mineral oxidation, weathered muscovite schist, predominately weathered feldspars, 10-15%muscovite, <10% quartz			47.00					
50	760		ML							
55	755				751.61					
		58.00 - 58.10 1" black layer with gravel size quarts grains, silt sized black particles			58.10					
60	750	58.10 - 88.00 moist, grayish brown with some orange mineral oxidation, weathered muscovite schist, predominately weathered feldspars								
65	745								Portland Type 1	
70	740									
75	735									
80	730									
85	725				721.61					
		88.00 - 92.00 SANDY SILT; moist to wet, orange brown, sandy silt, very fine to fine sand, trace fine gravel, micaceous	ML		88.00					
90	720									

Log continued on next page

WELL CASING
Interval: -2.5'-136'
Material: Schedule 40 PVC
Diameter: 2"
Joint Type: Threaded

WELL SCREEN
Interval: 136'-146'
Material: Schedule 40 PVC
Diameter: 2'
Slot Size: 0.010"
End Cap: Schedule 40 PVC

FILTER PACK
Interval: 134'-136
Type: #1 Sand Prepacked Filter

FILTER PACK SEAL
Interval: 131.5'-134'
Type: 3/8" Bentonite Pellets

ANNULUS SEAL
Interval: 0'-131.5'
Type: Portland Type 1

WELL COMPLETION
Pad: 4'x4'x4"
Protective Casing: Anodized Aluminum

DRILLING METHODS
Soil Drill: 4-inch Sonic
Rock Drill: 4-inch Sonic

LOG SCALE: 1 in = 5.5 ft
DRILLING COMPANY: Cascade Drilling
DRILLER: Tom Ardito

GA INSPECTOR: Shannon George, P.G.
CHECKED BY: Rachel P. Kirkman, P.G.
DATE: 9/29/17

Golder Associates

Log updated with revised survey data certified 6/16/2020.
Easting and Northing in NAD 83. Elevation in NAVD 88.

RECORD OF BOREHOLE WGWC10/APC-3D

PROJECT: SCS Wansley
PROJECT NUMBER: 154117
DRILLED DEPTH: 146.00 ft
LOCATION: Carrollton, GA

DRILL RIG: PS-150 Track Mounted Rig
DATE STARTED: 10/27/15
DATE COMPLETED: 10/27/15

NORTHING: 1240971.96
EASTING: 2026725.61
GS ELEVATION: 809.61
TOC ELEVATION: 812.38

DEPTH W.L.: 7.73' (bgs)
ELEVATION W.L.: (amsl)
DATE W.L.: 10/27/15
TIME W.L.: 14:41

DEPTH (ft)	ELEVATION (ft)	SOIL PROFILE: DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	SAMPLES: SAMPLE NO.	TYPE	REC	MONITORING WELL/ PIEZOMETER DIAGRAM and NOTES
90		88.00 - 92.00 SANDY SILT; moist to wet, orange brown, sandy silt, very fine to fine sand, trace fine gravel, micaceous *(Continued)*	ML		717.61				
		92.00 - 96.00 SAPROLITE; moist, grayish brown with some orange mineral oxidation, weathered muscovite schist, predominantly feldspar, trace quartz, trace biotite, trace garnet	ML		92.00 713.61				
95	715								
		96.00 - 97.00 SANDY SILT; moist to wet, orange brown, sandy silt, very fine to fine sand, trace fine gravel, micaceous	ML		96.00 712.61				
		97.00 - 106.00 SAPROLITE; moist, grayish brown with some orange mineral oxidation, weathered muscovite schist, predominantly feldspar, trace quartz, trace biotite, trace garnet	ML		97.00 703.61				
100	710								
105	705								
		106.00 - 116.00 NO RECOVERY			106.00 693.61				
110	700								
115	695								
		116.00 - 119.00 SAPROLITE ROCK; garnetiferous, muscovite meta quartzite rock fragments up to 2.5" interbedded with weathered muscovite schist	TWR		116.00 690.61				
120	690	119.00 - 139.00 moist to wet, silty clay and silt, weathered garnet, muscovite, plagioclase, schist, trace quartz			119.00				
125	685								
130	680								3/8" Bentonite Pellets
135	675								

Log continued on next page

WELL CASING
Interval: -2.5'-136'
Material: Schedule 40 PVC
Diameter: 2"
Joint Type: Threaded

WELL SCREEN
Interval: 136'-146'
Material: Schedule 40 PVC
Diameter: 2'
Slot Size: 0.010"
End Cap: Schedule 40 PVC

FILTER PACK
Interval: 134'-136
Type: #1 Sand Prepacked Filter

FILTER PACK SEAL
Interval: 131.5'-134'
Type: 3/8" Bentonite Pellets

ANNULUS SEAL
Interval: 0'-131.5'
Type: Portland Type 1

WELL COMPLETION
Pad: 4'x4'x4"
Protective Casing: Anodized Aluminum

DRILLING METHODS
Soil Drill: 4-inch Sonic
Rock Drill: 4-inch Sonic

LOG SCALE: 1 in = 5.5 ft
DRILLING COMPANY: Cascade Drilling
DRILLER: Tom Ardito

GA INSPECTOR: Shannon George, P.G.
CHECKED BY: Rachel P. Kirkman, P.G.
DATE: 9/29/17

Golder Associates

Log updated with revised survey data certified 6/16/2020.
Easting and Northing in NAD 83. Elevation in NAVD 88.

RECORD OF BOREHOLE WGWC10/APC-3D

PROJECT: SCS Wansley
PROJECT NUMBER: 154117
DRILLED DEPTH: 146.00 ft
LOCATION: Carrollton, GA

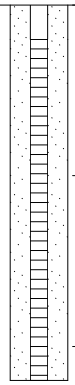
DRILL RIG: PS-150 Track Mounted Rig
DATE STARTED: 10/27/15
DATE COMPLETED: 10/27/15

NORTHING: 1240971.96
EASTING: 2026725.61
GS ELEVATION: 809.61
TOC ELEVATION: 812.38

DEPTH W.L.: 7.73' (bgs)
ELEVATION W.L.: (amsl)
DATE W.L.: 10/27/15
TIME W.L.: 14:41

DEPTH (ft)	ELEVATION (ft)	SOIL PROFILE: DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	SAMPLES: SAMPLE NO.	TYPE	REC
135		119.00 - 139.00 moist to wet, silty clay and silt, weathered garnet, muscovite, plagioclase, schist, trace quartz *(Continued)*			670.61			
140	670	139.00 - 142.00 SILTY SAND; wet, very fine to fine sand, mottled texture	SM		139.00 667.61			
145	665	142.00 - 145.00 SAPROLITE-ROCK/TRANSITIONALLY WEATHERED ROCK; wet, transitionally weathered garnet quartz muscovite plagioclase schist	TWR		142.00 664.61			
		145.00 - 146.00 wet, wilty sand, some mineral oxidation, 15-20% quartz			145.00 663.61			
		Boring completed at 146.00 ft						
150	660							
155	655							
160	650							
165	645							
170	640							
175	635							
180	630							

MONITORING WELL/ PIEZOMETER DIAGRAM and NOTES



WELL CONSTRUCTION DETAILS

WELL CASING
Interval: -2.5'-136'
Material: Schedule 40 PVC
Diameter: 2"
Joint Type: Threaded

WELL SCREEN
Interval: 136'-146'
Material: Schedule 40 PVC
Diameter: 2'
Slot Size: 0.010"
End Cap: Schedule 40 PVC

FILTER PACK
Interval: 134'-136
Type: #1 Sand Prepacked Filter

FILTER PACK SEAL
Interval: 131.5'-134'
Type: 3/8" Bentonite Pellets

ANNULUS SEAL
Interval: 0'-131.5'
Type: Portland Type 1

WELL COMPLETION
Pad: 4'x4'x4"
Protective Casing: Anodized Aluminum

DRILLING METHODS
Soil Drill: 4-inch Sonic
Rock Drill: 4-inch Sonic

LOG SCALE: 1 in = 5.5 ft
DRILLING COMPANY: Cascade Drilling
DRILLER: Tom Ardito

GA INSPECTOR: Shannon George, P.G.
CHECKED BY: Rachel P. Kirkman, P.G.
DATE: 9/29/17

Golder Associates

Log updated with revised survey data certified 6/16/2020.
Easting and Northing in NAD 83. Elevation in NAVD 88.

RECORD OF BOREHOLE WGWC13/APC-5D

PROJECT: SCS Wansley
PROJECT NUMBER: 154117
DRILLED DEPTH: 96.00 ft
LOCATION: Carrollton, GA

DRILL RIG: PS-150 Track Mounted Rig
DATE STARTED: 11/2/15
DATE COMPLETED: 11/4/15

NORTHING: 1240610.93
EASTING: 2024585.91
GS ELEVATION: 807.32
TOC ELEVATION: 809.78

DEPTH W.L.: 20.25' (bgs)
ELEVATION W.L.: (amsl)
DATE W.L.: 11/4/15
TIME W.L.: 10:08

DEPTH (ft)	ELEVATION (ft)	SOIL PROFILE: DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	SAMPLES: SAMPLE NO.	TYPE	REC	MONITORING WELL/ PIEZOMETER DIAGRAM and NOTES	WELL CONSTRUCTION DETAILS
0		0.00 - 2.00 SILT; moist, orange overburden	ML		805.32					**WELL CASING** Interval: -2.5'-73' Material: Schedule 40 PVC Diameter: 2" Joint Type: Threaded
	805	2.00 - 7.00 CLAYEY SILT; moist, brown, micaceous, trace garnets up to 1cm, materials are loose/soft	ML		2.00 800.32					**WELL SCREEN** Interval: 73'-93' 3" Material: Schedule 40 PVC Diameter: 2' Slot Size: 0.010" End Cap: Schedule 40 PVC
5										
	800	7.00 - 22.00 SILTY SAND; moist to wet (18 - 26 feet), orange, brown and white (saprolite)	SM		7.00 785.32					**FILTER PACK** Interval: 69.5'-96' Type: #1 Sand/ Prepack Filter **FILTER PACK SEAL** Interval: 66.5'-69.5' Type: 3/8" Bentonite Pellets **ANNULUS SEAL** Interval: 0'-66.5' Type: Portland Type 1 **WELL COMPLETION** Pad: 4'x4'x4" Protective Casing: Anodized Aluminum **DRILLING METHODS** Soil Drill: 4-inch Sonic Rock Drill: 4-inch Sonic
10										
	795									
15		16.00: Shelby Tube Collected: 16'-17'								
	790									
20										
	785	22.00 - 26.00 SAPROLITE; weathered pegmatite	ML		22.00 781.32					
25		26.00 - 28.00 trace quartz, wet			26.00 779.32					
	780	28.00 - 35.00 SILTY CLAY; moist, very light brown. metamorphic foliation present. trace gravel size quartzite rock fragments (saprolite)	CL		28.00 772.32					
30										
	775									
35		35.00 - 36.00 SAPROLITE-ROCK; weathered micaceous meta-quartzite	TWR		35.00 771.32				Portland Type 1	
		36.00 - 46.00 ROCK; light brown quartzite with light orange oxidation, micaceous meta quartzite	BR		36.00					
	770									
40										
	765									
45										

Log continued on next page

LOG SCALE: 1 in = 5.5 ft
DRILLING COMPANY: Cascade Drilling
DRILLER: Tom Ardito

GA INSPECTOR: Shannon George, P.G.
CHECKED BY: Rachel P. Kirkman, P.G.
DATE: 9/29/17

Golder Associates

Log updated with revised survey data certified 6/16/2020.
Easting and Northing in NAD 83. Elevation in NAVD 88.

RECORD OF BOREHOLE WGWC13/APC-5D

PROJECT: SCS Wansley
PROJECT NUMBER: 154117
DRILLED DEPTH: 96.00 ft
LOCATION: Carrollton, GA

DRILL RIG: PS-150 Track Mounted Rig
DATE STARTED: 11/2/15
DATE COMPLETED: 11/4/15

NORTHING: 1240610.93
EASTING: 2024585.91
GS ELEVATION: 807.32
TOC ELEVATION: 809.78

DEPTH W.L.: 20.25' (bgs)
ELEVATION W.L.: (amsl)
DATE W.L.: 11/4/15
TIME W.L.: 10:08

DEPTH (ft)	ELEVATION (ft)	SOIL PROFILE: DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	SAMPLES: SAMPLE NO.	TYPE	REC	MONITORING WELL/ PIEZOMETER DIAGRAM and NOTES	WELL CONSTRUCTION DETAILS
45			BR		761.32					**WELL CASING** Interval: -2.5'-73' Material: Schedule 40 PVC Diameter: 2" Joint Type: Threaded **WELL SCREEN** Interval: 73'-93' 3" Material: Schedule 40 PVC Diameter: 2' Slot Size: 0.010" End Cap: Schedule 40 PVC **FILTER PACK** Interval: 69.5'-96' Type: #1 Sand/ Prepack Filter **FILTER PACK SEAL** Interval: 66.5'-69.5' Type: 3/8" Bentonite Pellets **ANNULUS SEAL** Interval: 0'-66.5' Type: Portland Type 1 **WELL COMPLETION** Pad: 4'x4'x4" Protective Casing: Anodized Aluminum **DRILLING METHODS** Soil Drill: 4-inch Sonic Rock Drill: 4-inch Sonic
		46.00 - 56.00 more competent rock			46.00					
	760									
50										
	755									
55					751.32					
		56.00 - 87.00 light brown quartzite with light orange oxidation, micaceous meta quartzite			56.00					
	750									
60										
	745									
65										
	740								3/8" Bentonite Pellets	
70			BR							
	735									
75										
	730									
80										
	725								0.010" Slot Screen	
85									#1 Sand	
					720.32					
	720	87.00 - 96.00 grey and pink quartzite			87.00					
90										

Log continued on next page

LOG SCALE: 1 in = 5.5 ft
DRILLING COMPANY: Cascade Drilling
DRILLER: Tom Ardito

GA INSPECTOR: Shannon George, P.G.
CHECKED BY: Rachel P. Kirkman, P.G.
DATE: 9/29/17

Golder Associates

Log updated with revised survey data certified 6/16/2020.
Easting and Northing in NAD 83. Elevation in NAVD 88.

RECORD OF BOREHOLE WGWC13/APC-5D

PROJECT: SCS Wansley
PROJECT NUMBER: 154117
DRILLED DEPTH: 96.00 ft
LOCATION: Carrollton, GA

DRILL RIG: PS-150 Track Mounted Rig
DATE STARTED: 11/2/15
DATE COMPLETED: 11/4/15

NORTHING: 1240610.93
EASTING: 2024585.91
GS ELEVATION: 807.32
TOC ELEVATION: 809.78

DEPTH W.L.: 20.25' (bgs)
ELEVATION W.L.: (amsl)
DATE W.L.: 11/4/15
TIME W.L.: 10:08

DEPTH (ft)	ELEVATION (ft)	SOIL PROFILE: DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	SAMPLES: SAMPLE NO.	TYPE	REC	MONITORING WELL/ PIEZOMETER DIAGRAM and NOTES	WELL CONSTRUCTION DETAILS
90		87.00 - 96.00 grey and pink quartzite *(Continued)*								**WELL CASING** Interval: -2.5'-73' Material: Schedule 40 PVC Diameter: 2" Joint Type: Threaded **WELL SCREEN** Interval: 73'-93' 3" Material: Schedule 40 PVC Diameter: 2' Slot Size: 0.010" End Cap: Schedule 40 PVC **FILTER PACK** Interval: 69.5'-96' Type: #1 Sand/ Prepack Filter **FILTER PACK SEAL** Interval: 66.5'-69.5' Type: 3/8" Bentonite Pellets **ANNULUS SEAL** Interval: 0'-66.5' Type: Portland Type 1 **WELL COMPLETION** Pad: 4'x4'x4" Protective Casing: Anodized Aluminum **DRILLING METHODS** Soil Drill: 4-inch Sonic Rock Drill: 4-inch Sonic
	715									
95					711.32					
		Boring completed at 96.00 ft								
	710									
100										
	705									
105										
	700									
110										
	695									
115										
	690									
120										
	685									
125										
	680									
130										
	675									
135										

LOG SCALE: 1 in = 5.5 ft
DRILLING COMPANY: Cascade Drilling
DRILLER: Tom Ardito

GA INSPECTOR: Shannon George, P.G.
CHECKED BY: Rachel P. Kirkman, P.G.
DATE: 9/29/17

Golder Associates

Log updated with revised survey data certified 6/16/2020.
Easting and Northing in NAD 83. Elevation in NAVD 88.

RECORD OF BOREHOLE WGWC15/APC-6D

PROJECT: SCS Wansley
PROJECT NUMBER: 154117
DRILLED DEPTH: 53.50 ft
LOCATION: Carrollton, GA

DRILL RIG: PS-150 Track Mounted Rig
DATE STARTED: 11/11/15
DATE COMPLETED: 11/11/15

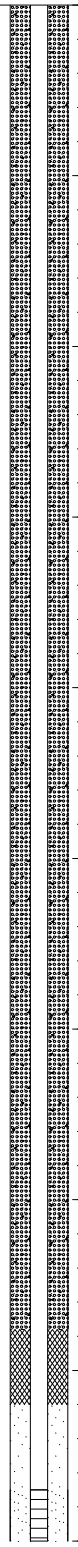
NORTHING: 1240483.16
EASTING: 2023912.92
GS ELEVATION: 802.03
TOC ELEVATION: 804.69

DEPTH W.L.: 5.85' (bgs)
ELEVATION W.L.: (amsl)
DATE W.L.: 11/13/15
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	SOIL PROFILE: DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	SAMPLES: SAMPLE NO.	TYPE	REC
0		0.00 - 3.00 CLAYEY SILT; homogenous overburden, orange brown, dry to moist	ML		799.03			
	800	3.00 - 5.00 CLAYEY SILT; homogenous overburden some coarse gravel, some subrounded weathered cobbles of quartzite, trace white and black staining, orange brown, dry to moist			3.00 797.03			
5		5.00 - 7.00 CLAYEY SILT; homogenous overburden, orange brown, black foliations, moist, soft			5.00 795.03			
	795	7.00 - 9.00 SILTY SAND; grey/brown, silty sand to clayey sand, moist Shelby Tube Collected: 7'-9'	SM		7.00 793.03			
10		9.00 - 11.00 SILTY SAND; with some gravel, subangular, slightly weathered quartzite; greyish brown, moist			9.00 791.03			
	790	11.00 - 14.00 GRAVELY CLAYEY SILT; fine to coarse quartzite gravel, some medium coarse sand, trace black, brown and white micaceous foliations; greyish brown	MLG		11.00 788.03			
15		14.00 - 16.00 SILTY CLAY; micaceous, grey, trace brown and black foliations, dry. soft to firm	CL		14.00 786.03			
	785	16.00 - 22.00 CLAYEY GRAVEL; fine to coarse gravel and cobbles, some white quartzite, red, orange and black staining, brown silty clay, moist Shelby Tube Collected: 17.1'-17.5'	GC		16.00 780.03			
20								
	780	22.00 - 24.50 TRANSITIONALLY WEATHERED ROCK/SAPROLITE; cobble and pulverized quartzite	TWR		22.00 777.53			
25		24.50 - 27.00 weathered quartzose schist, trace fine pyrite, drill pulverized rock into grey powder, some 3-4" cobbles			24.50 775.03			
	775	27.00 - 29.00 weathered, quartzose gravel, some grey clay			27.00 773.03			
		29.00 - 30.00 weathered, pulverized schist, wet			29.00 772.03			
30		30.00 - 33.00 weathered, quartzose gravel, some grey clay, wet			30.00 769.03			
	770	33.00 - 37.00 BEDROCK; quartzose schist/gneiss, large garnets, green amphibole, mica, black hornblende/biotite, white feldspar	BR		33.00 765.03			
35								
	765	37.00 - 43.00 various sizes of mafic gneiss and quartzose schist, weathered			37.00 759.03			
40								
	760	43.00 - 53.50 mafic gneiss, fine to coarse grey gravel, small weathered cobbles, bedrock			43.00			
45								

Log continued on next page

MONITORING WELL/ PIEZOMETER DIAGRAM and NOTES



WELL CONSTRUCTION DETAILS

WELL CASING
Interval: -2.5'-43'
Material: Schedule 40 PVC
Diameter: 2"
Joint Type: Threaded

WELL SCREEN
Interval: 43.5'-53.5'
Material: Schedule 40 PVC
Diameter: 2'
Slot Size: 0.010"
End Cap: Schedule 40 PVC

FILTER PACK
Interval: 41'-53.5'
Type: #1 Sand/Prepack filter

FILTER PACK SEAL
Interval: 38.8'-41'
Type: 3/8" Bentonite Pellets

ANNULUS SEAL
Interval: 0'-38.8'
Type: Portland Type 1

WELL COMPLETION
Pad: 4'x4'x4"
Protective Casing: Anodized Aluminum

DRILLING METHODS
Soil Drill: 4-inch Sonic
Rock Drill: 4-inch Sonic

LOG SCALE: 1 in = 5.5 ft
DRILLING COMPANY: Cascade Drilling
DRILLER: David Wilcox

GA INSPECTOR: Kristen Jurinko
CHECKED BY: Rachel P. Kirkman, P.G.
DATE: 9/29/17

Golder Associates

Log updated with revised survey data certified 6/16/2020.
Easting and Northing in NAD 83. Elevation in NAVD 88.

RECORD OF BOREHOLE WGWC15/APC-6D

PROJECT: SCS Wansley
PROJECT NUMBER: 154117
DRILLED DEPTH: 53.50 ft
LOCATION: Carrollton, GA

DRILL RIG: PS-150 Track Mounted Rig
DATE STARTED: 11/11/15
DATE COMPLETED: 11/11/15

NORTHING: 1240483.16
EASTING: 2023912.92
GS ELEVATION: 802.03
TOC ELEVATION: 804.69

DEPTH W.L.: 5.85' (bgs)
ELEVATION W.L.: (amsl)
DATE W.L.: 11/13/15
TIME W.L.:

DEPTH (ft)	ELEVATION (ft)	SOIL PROFILE: DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	SAMPLES: SAMPLE NO.	TYPE	REC	MONITORING WELL/ PIEZOMETER DIAGRAM and NOTES	WELL CONSTRUCTION DETAILS
45		43.00 - 53.50 mafic gneiss, fine to coarse grey gravel, small weathered cobbles, bedrock *(Continued)*							#1 Sand 0.010" slot screen	**WELL CASING** Interval: -2.5'-43' Material: Schedule 40 PVC Diameter: 2" Joint Type: Threaded **WELL SCREEN** Interval: 43.5'-53.5' Material: Schedule 40 PVC Diameter: 2' Slot Size: 0.010" End Cap: Schedule 40 PVC **FILTER PACK** Interval: 41'-53.5' Type: #1 Sand/Prepack filter **FILTER PACK SEAL** Interval: 38.8'-41' Type: 3/8" Bentonite Pellets **ANNULUS SEAL** Interval: 0'-38.8' Type: Portland Type 1 **WELL COMPLETION** Pad: 4'x4'x4" Protective Casing: Anodized Aluminum **DRILLING METHODS** Soil Drill: 4-inch Sonic Rock Drill: 4-inch Sonic
	755									
50										
	750				748.53					
		Boring completed at 53.50 ft								
55										
	745									
60										
	740									
65										
	735									
70										
	730									
75										
	725									
80										
	720									
85										
	715									
90										

LOG SCALE: 1 in = 5.5 ft
DRILLING COMPANY: Cascade Drilling
DRILLER: David Wilcox

GA INSPECTOR: Kristen Jurinko
CHECKED BY: Rachel P. Kirkman, P.G.
DATE: 9/29/17

Golder Associates

Log updated with revised survey data certified 6/16/2020.
Easting and Northing in NAD 83. Elevation in NAVD 88.

RECORD OF BOREHOLE WGWC19/APC-2

PROJECT: SCS Wansley
PROJECT NUMBER: 154117
DRILLED DEPTH: 92.00 ft
LOCATION: Carrollton, GA

DRILL RIG: PS-150 Track Mounted Rig
DATE STARTED: 10/28/15
DATE COMPLETED: 10/28/15

NORTHING: 1241851.51
EASTING: 2028949.19
GS ELEVATION: 780.60
TOC ELEVATION: 783.42

DEPTH W.L.: 20.5' (bgs)
ELEVATION W.L.: (amsl)
DATE W.L.: 10/28/15
TIME W.L.: 13:10

DEPTH (ft)	ELEVATION (ft)	SOIL PROFILE: DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	SAMPLES: SAMPLE NO.	TYPE	REC	MONITORING WELL/ PIEZOMETER DIAGRAM and NOTES
0	780	0.00 - 27.00 SILTY SAND; reddish orange overburden	SM						
5	775								
10	770								
15	765								
20	760	22.00: Shelby Tube Collected: 22'-24'							
25	755				753.60				
		27.00 - 30.00 SILT; dry to moist, light brown, brown, orange brown and grey. Trace white feldspar and black MnO laminations, trace fine gravel, quartz-rich lense from 30-33' (35% quartz). some weathered schist (saprolite)	ML		27.00 750.60				
30	750	30.00 - 33.00 some severely weathered gneiss			30.00 747.60				
35	745	33.00 - 60.00 dry to moist, light brown, brown, orange brown and grey. Trace white feldspar and black MnO laminations, trace fine gravel, quartz-rich lense from 30-33' (35% quartz). some weathered schist (saprolite)			33.00				Portland Type 1
40	740								
45									

Log continued on next page

WELL CASING
Interval: -2.5'-82'
Material: Schedule 40 PVC
Diameter: 2"
Joint Type: Threaded

WELL SCREEN
Interval: 82'-92'
Material: Schedule 40 PVC
Diameter: 2'
Slot Size: 0.010"
End Cap: Schedule 40 PVC

FILTER PACK
Interval: 79.1'-92'
Type: #1 Sand/Prepacked FIlter

FILTER PACK SEAL
Interval: 77'-79.1'
Type: 3/8" Bentonite Pellets

ANNULUS SEAL
Interval: 0'-77'
Type: Portland Type 1

WELL COMPLETION
Pad: 4'x4'x4"
Protective Casing: Anodized Aluminum

DRILLING METHODS
Soil Drill: Hydrovac/4-inch Sonic
Rock Drill: 4-inch Sonic

LOG SCALE: 1 in = 5.5 ft
DRILLING COMPANY: Cascade Drilling
DRILLER: Tom Ardito

GA INSPECTOR: Kristen Jurinko
CHECKED BY: Rachel P. Kirkman, P.G.
DATE: 9/29/17

Golder Associates

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Easting and Northing in NAD 83. Elevation in NAVD 88.

RECORD OF BOREHOLE WGWC19/APC-2

PROJECT: SCS Wansley
PROJECT NUMBER: 154117
DRILLED DEPTH: 92.00 ft
LOCATION: Carrollton, GA

DRILL RIG: PS-150 Track Mounted Rig
DATE STARTED: 10/28/15
DATE COMPLETED: 10/28/15

NORTHING: 1241851.51
EASTING: 2028949.19
GS ELEVATION: 780.60
TOC ELEVATION: 783.42

DEPTH W.L.: 20.5' (bgs)
ELEVATION W.L.: (amsl)
DATE W.L.: 10/28/15
TIME W.L.: 13:10

DEPTH (ft)	ELEVATION (ft)	SOIL PROFILE: DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	SAMPLES: SAMPLE NO.	TYPE	REC	MONITORING WELL/ PIEZOMETER DIAGRAM and NOTES	WELL CONSTRUCTION DETAILS
45	735	33.00 - 60.00 dry to moist, light brown, brown, orange brown and grey. Trace white feldspar and black MnO laminations, trace fine gravel, quartz-rich lense from 30-33' (35% quartz). some weathered schist (saprolite) *(Continued)*								**WELL CASING** Interval: -2.5'-82' Material: Schedule 40 PVC Diameter: 2" Joint Type: Threaded **WELL SCREEN** Interval: 82'-92' Material: Schedule 40 PVC Diameter: 2' Slot Size: 0.010" End Cap: Schedule 40 PVC **FILTER PACK** Interval: 79.1'-92' Type: #1 Sand/Prepacked Filter **FILTER PACK SEAL** Interval: 77'-79.1' Type: 3/8" Bentonite Pellets **ANNULUS SEAL** Interval: 0'-77' Type: Portland Type 1 **WELL COMPLETION** Pad: 4'x4'x4" Protective Casing: Anodized Aluminum **DRILLING METHODS** Soil Drill: Hydrovac/4-inch Sonic Rock Drill: 4-inch Sonic
50	730									
55	725									
					720.60					
60	720	60.00 - 63.00 stiffer with trace gravel			60.00					
					717.60					
		63.00 - 70.00 TRANSITIONALLY WEATHERED ROCK; brown micaceous schist and garnetiferous greywacke, dry	PWR		63.00					
65	715									
					710.60					
70	710	70.00 - 87.00 ROCK; garnetiferous greywacke with white plagioclase laminations			70.00					
75	705								3/8" Bentonite Pellets	
			BR							
80	700									
85	695								#1 Sand	
					693.60				0.010" Slot Screen	
		87.00 - 92.00 ROCK; wet, dark grey micaceous schist	BR		87.00					
90										

Log continued on next page

LOG SCALE: 1 in = 5.5 ft
DRILLING COMPANY: Cascade Drilling
DRILLER: Tom Ardito

GA INSPECTOR: Kristen Jurinko
CHECKED BY: Rachel P. Kirkman, P.G.
DATE: 9/29/17

Golder Associates

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Easting and Northing in NAD 83. Elevation in NAVD 88.

RECORD OF BOREHOLE WGWC19/APC-2

PROJECT: SCS Wansley
PROJECT NUMBER: 154117
DRILLED DEPTH: 92.00 ft
LOCATION: Carrollton, GA

DRILL RIG: PS-150 Track Mounted Rig
DATE STARTED: 10/28/15
DATE COMPLETED: 10/28/15

NORTHING: 1241851.51
EASTING: 2028949.19
GS ELEVATION: 780.60
TOC ELEVATION: 783.42

DEPTH W.L.: 20.5' (bgs)
ELEVATION W.L.: (amsl)
DATE W.L.: 10/28/15
TIME W.L.: 13:10

DEPTH (ft)	ELEVATION (ft)	SOIL PROFILE: DESCRIPTION	USCS	GRAPHIC LOG	ELEV. / DEPTH (ft)	SAMPLES: SAMPLE NO.	TYPE	REC	MONITORING WELL/ PIEZOMETER DIAGRAM and NOTES	WELL CONSTRUCTION DETAILS
90	690	87.00 - 92.00 ROCK; wet, dark grey micaceous schist *(Continued)*	BR		688.60					
		Boring completed at 92.00 ft								
95	685									
100	680									
105	675									
110	670									
115	665									
120	660									
125	655									
130	650									
135										

WELL CASING
Interval: -2.5'-82'
Material: Schedule 40 PVC
Diameter: 2"
Joint Type: Threaded

WELL SCREEN
Interval: 82'-92'
Material: Schedule 40 PVC
Diameter: 2'
Slot Size: 0.010"
End Cap: Schedule 40 PVC

FILTER PACK
Interval: 79.1'-92'
Type: #1 Sand/Prepacked Filter

FILTER PACK SEAL
Interval: 77'-79.1'
Type: 3/8" Bentonite Pellets

ANNULUS SEAL
Interval: 0'-77'
Type: Portland Type 1

WELL COMPLETION
Pad: 4'x4'x4"
Protective Casing: Anodized Aluminum

DRILLING METHODS
Soil Drill: Hydrovac/4-inch Sonic
Rock Drill: 4-inch Sonic

LOG SCALE: 1 in = 5.5 ft
DRILLING COMPANY: Cascade Drilling
DRILLER: Tom Ardito

GA INSPECTOR: Kristen Jurinko
CHECKED BY: Rachel P. Kirkman, P.G.
DATE: 9/29/17

Golder Associates

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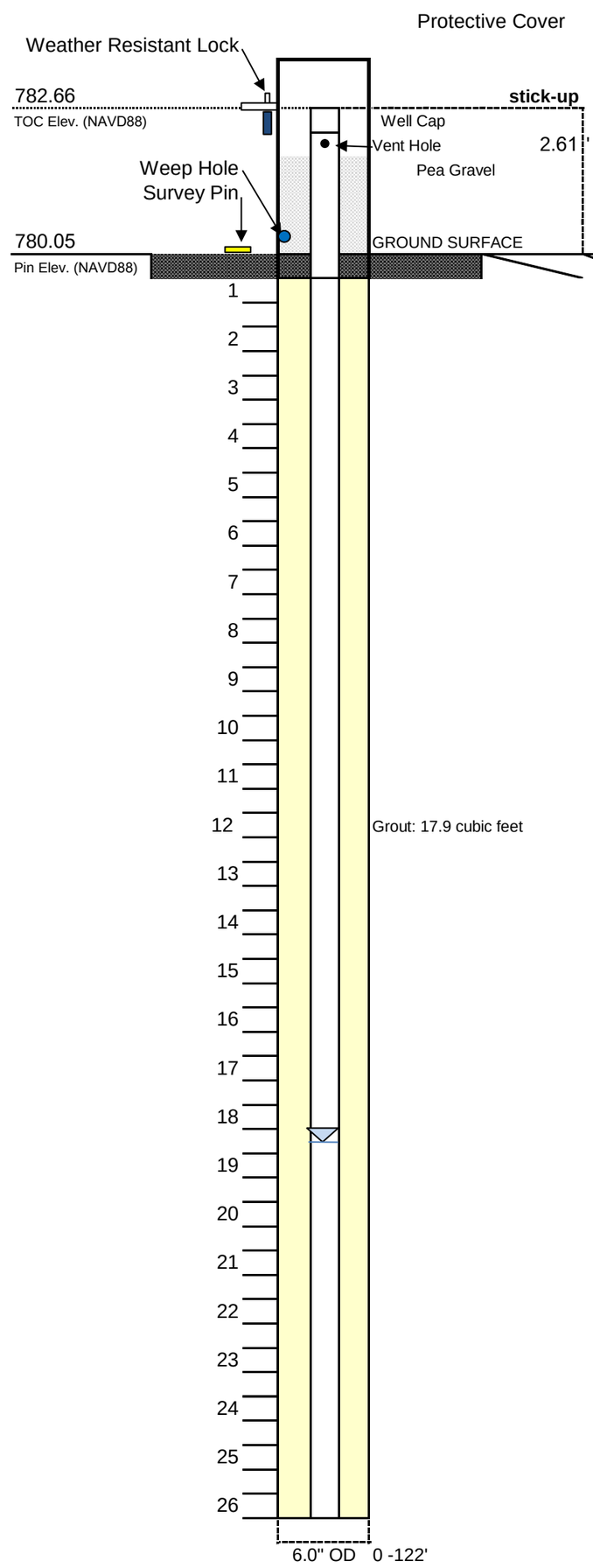
ATLANTIC COAST CONSULTING, INC.

WAMW-1

BORING ID

PROJECT:	Plant Wansley - Ash Pond	**PROJECT NO.:**	I054-110
TOTAL DEPTH:	124.94 ft. TOC	**SITE LOCATION:**	Carrollton, Georgia
DATE BEGIN:	7-Sep-2018	**DRILLER:**	Issac Youub
DATE COMPLETE:	16-Sep-2018	**RIG TYPE:**	T-300 Rotosonic
INSTALLED BY:	Cascade	**METHOD:**	Rotosonic
SUPERVISED BY:	Ryan Walker	**TOC Elev.**	782.66 NAVD88
WATER 1ST ENCOUNTERED:	55' BGS		
WATER AFTER 48 HOURS:	21.34' TOC		



Northing: 1241843.66
Easting: 2028944.63

SURFACE COMPLETION:
4"x4" Aluminum Protective Casing
4'x4'x4" Concrete Pad
Weather Resistant Lock
Survey Pin

SOIL DESCRIPTION

0.00 - 10.00'
No recovery; Hydrovac

10.0 - 19.0 Recovery (9/9)
Reddish orange, silty SAND (overburden)
(SM)

19.0 - 29.0 Recovery (10/10)
Reddish orange, silty SAND (overburden)
(SM)

MATERIALS:

GROUT:	Portland Type I/II Cement
MANUFACTURER:	Sakrete
BENTONITE SEAL:	3/8" Bentonite Pellets
MANUFACTURER:	PDS
FILTER PACK SAND:	20/40 Mesh
MANUFACTURER:	Filter Media GP#1
WELL SCREEN:	Sch. 40 - 2" PVC
MANUFACTURER:	Silver-Line™
SLOT SIZE:	0.010-Inch Slot
WELL CASING:	Sch. 40 - 2" PVC
MANUFACTURER:	Silver-Line™

TOC - Top of Casing
ID - Inside Diameter; OD - Outside Diameter
NAVD88 - North American Vertical Datum of 1988
BGS - Below Ground Surface

Log updated with revised survey data certified 6/16/2020.
Easting and Northing in NAD 83. Elevation in NAVD 88.

ATLANTIC COAST CONSULTING, INC.

WAMW-1

BORING ID

PROJECT:	Plant Wansley - Ash Pond	**PROJECT NO.:**	I054-110
TOTAL DEPTH:	124.94 ft. TOC	**SITE LOCATION:**	Carrollton, Georgia
DATE BEGIN:	14-Sep-2018	**DRILLER:**	Issac Youub
DATE COMPLETE:	16-Sep-2018	**RIG TYPE:**	T-300 Rotosonic
INSTALLED BY:	Cascade	**METHOD:**	Rotosonic
SUPERVISED BY:	Ryan Walker	**TOC Elev.**	782.66 NAVD88
WATER 1ST ENCOUNTERED:	55' BGS		
WATER AFTER 48 HOURS:	21.34' TOC		

Elevation NAVD88	Depth BGS	
	28	Reddish orange, silty SAND (overburden) (SM)
	29	
	30	29.0 - 39.0 Recovery (10/10) Reddish orange to light brown, sandy SILT, trace gravel, MnO laminations (ML)
	31	
	32	
	33	
	34	
	35	
	36	
	37	
	38	
	39	
	40	39.0 - 49.0 Recovery (10/10) Reddish orange to light brown, sandy SILT, trace gravel, MnO laminations (ML)
	41	
	42	
	43	
	44	
	45	
	46	
	47	
	48	
	49	
	50	49.0 - 59.0 Recovery (10/10) Reddish orange to light brown, sandy SILT, trace gravel, MnO laminations (ML)
	51	
	52	

6.0" OD 0 -122'

MATERIALS:

GROUT:	Portland Type I/II Cement
MANUFACTURER:	Sakrete
BENTONITE SEAL:	3/8" Bentonite Pellets
MANUFACTURER:	PDS
FILTER PACK SAND:	20/40 Mesh
MANUFACTURER:	Filter Media GP#1
WELL SCREEN:	Sch. 40 - 2" PVC
MANUFACTURER:	Silver-Line™
SLOT SIZE:	0.010-Inch Slot
WELL CASING:	Sch. 40 - 2" PVC
MANUFACTURER:	Silver-Line™

TOC - Top of Casing
ID - Inside Diameter; OD - Outside Diameter
NAVD88 - North American Vertical Datum of 1988
BGS - Below Ground Surface

Log updated with revised survey data certified 6/16/2020.
Easting and Northing in NAD 83. Elevation in NAVD 88.

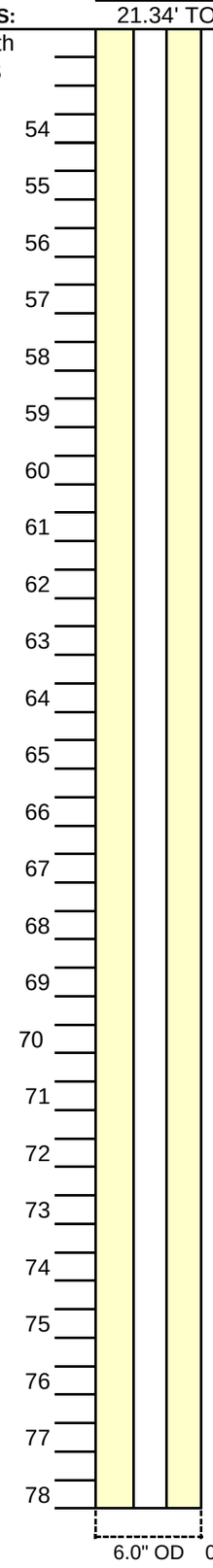
ATLANTIC COAST CONSULTING, INC.

WAMW-1

BORING ID

PROJECT:	Plant Wansley - Ash Pond	**PROJECT NO.:**	I054-110
TOTAL DEPTH:	124.94 ft. TOC	**SITE LOCATION:**	Carrollton, Georgia
DATE BEGIN:	14-Sep-2018	**DRILLER:**	Issac Youub
DATE COMPLETE:	16-Sep-2018	**RIG TYPE:**	T-300 Rotosonic
INSTALLED BY:	Cascade	**METHOD:**	Rotosonic
SUPERVISED BY:	Ryan Walker	**TOC Elev.**	782.66 NAVD88
WATER 1ST ENCOUNTERED:	55' BGS		
WATER AFTER 48 HOURS:	21.34' TOC		

Elevation NAVD88 | Depth BGS



49.0 - 59.0 Recovery (10/10)
Reddish orange to light brown, sandy SILT, trace gravel, MnO laminations (ML)

59.0 - 69.0 Recovery (10/10)
Brown to tan, white and gray, silty Sand, trace gravel. Saprolite (SM)

69.0 - 79.0 Recovery (8/10)
Brown to tan, white and gray, silty Sand, trace gravel. Saprolite (SM)

MATERIALS:

GROUT:	Portland Type I/II Cement
MANUFACTURER:	Sakrete
BENTONITE SEAL:	3/8" Bentonite Pellets
MANUFACTURER:	PDS
FILTER PACK SAND:	20/40 Mesh
MANUFACTURER:	Filter Media GP#1
WELL SCREEN:	Sch. 40 - 2" PVC
MANUFACTURER:	Silver-Line™
SLOT SIZE:	0.010-Inch Slot
WELL CASING:	Sch. 40 - 2" PVC
MANUFACTURER:	Silver-Line™

TOC - Top of Casing
ID - Inside Diameter; OD - Outside Diameter
NAVD88 - North American Vertical Datum of 1988
BGS - Below Ground Surface

Log updated with revised survey data certified 6/16/2020.
Easting and Northing in NAD 83. Elevation in NAVD 88.

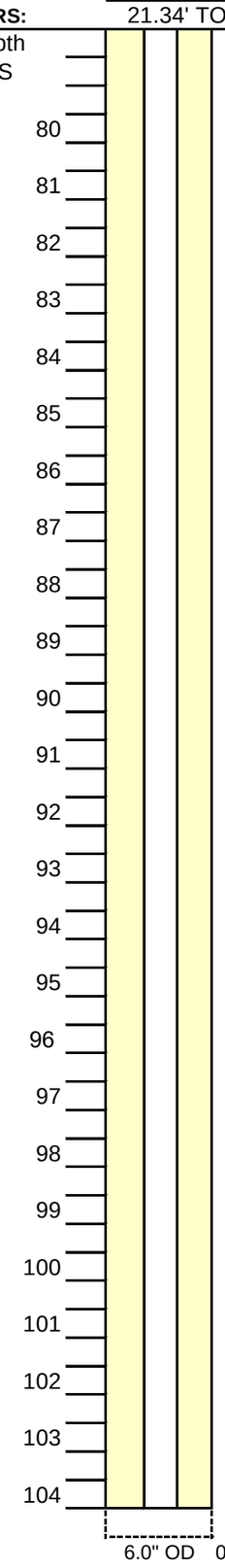
ATLANTIC COAST CONSULTING, INC.

WAMW-1

BORING ID

PROJECT:	Plant Wansley - Ash Pond	**PROJECT NO.:**	I054-110
TOTAL DEPTH:	124.94 ft. TOC	**SITE LOCATION:**	Carrollton, Georgia
DATE BEGIN:	14-Sep-2018	**DRILLER:**	Issac Youub
DATE COMPLETE:	16-Sep-2018	**RIG TYPE:**	T-300 Rotosonic
INSTALLED BY:	Cascade	**METHOD:**	Rotosonic
SUPERVISED BY:	Ryan Walker	**TOC Elev.**	782.66 NAVD88
WATER 1ST ENCOUNTERED:	55' BGS		
WATER AFTER 48 HOURS:	21.34' TOC		

Elevation NAVD88 | Depth BGS



79.0 - 89.0 Recovery (4/10)
Dark gray micaceous Schist, wet - broken pieces

89.0 - 92.0 Recovery (0/3)

92.00 - 99.00
No recovery

99.00 - 109.00 Recovery (5/10)
Dark gray micaceous Schist, wet

MATERIALS:

GROUT:	Portland Type I/II Cement
MANUFACTURER:	Sakrete
BENTONITE SEAL:	3/8" Bentonite Pellets
MANUFACTURER:	PDS
FILTER PACK SAND:	20/40 Mesh
MANUFACTURER:	Filter Media GP#1
WELL SCREEN:	Sch. 40 - 2" PVC
MANUFACTURER:	Silver-Line™
SLOT SIZE:	0.010-Inch Slot
WELL CASING:	Sch. 40 - 2" PVC
MANUFACTURER:	Silver-Line™

TOC - Top of Casing
ID - Inside Diameter; OD - Outside Diameter
NAVD88 - North American Vertical Datum of 1988
BGS - Below Ground Surface

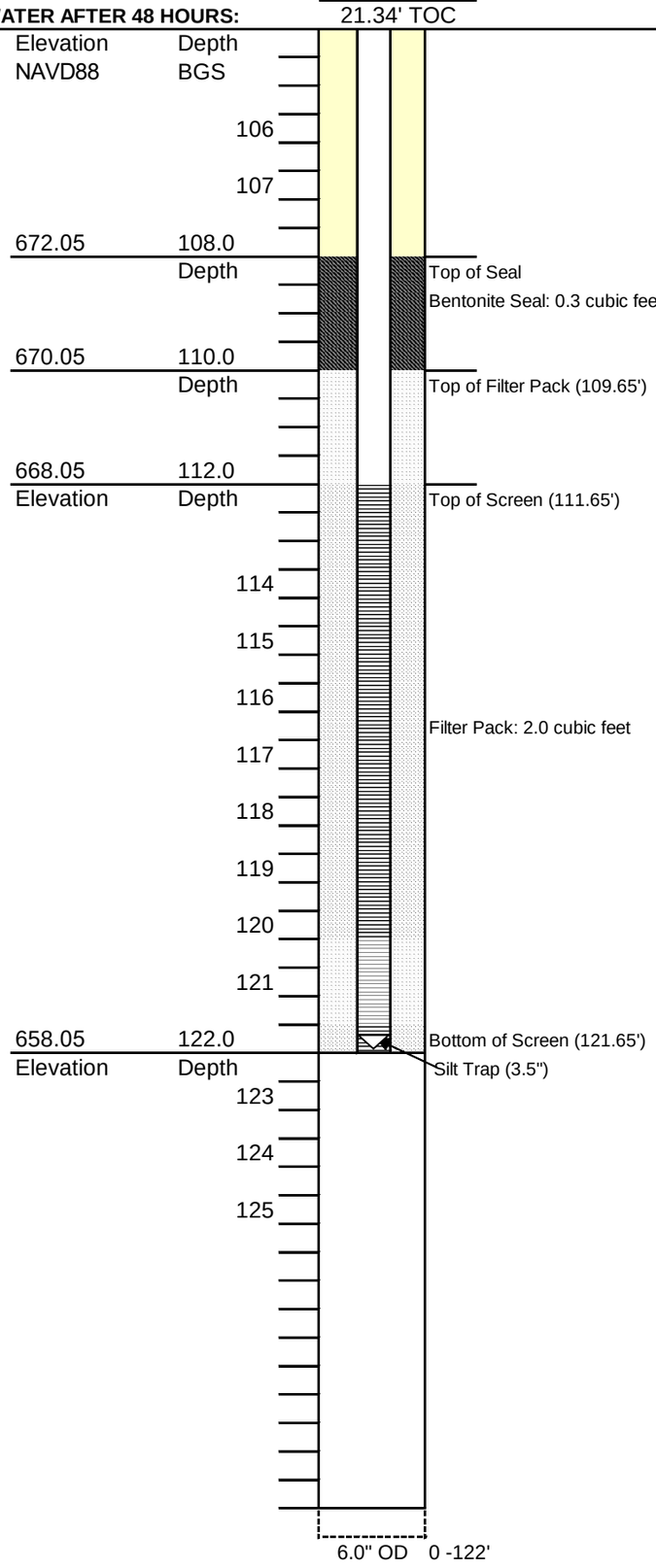
Log updated with revised survey data certified 6/16/2020.
Easting and Northing in NAD 83. Elevation in NAVD 88.

ATLANTIC COAST CONSULTING, INC.

WAMW-1

BORING ID

PROJECT:	Plant Wansley - Ash Pond	**PROJECT NO.:**	I054-110
TOTAL DEPTH:	124.94 ft. TOC	**SITE LOCATION:**	Carrollton, Georgia
DATE BEGIN:	14-Sep-2018	**DRILLER:**	Issac Youub
DATE COMPLETE:	16-Sep-2018	**RIG TYPE:**	T-300 Rotosonic
INSTALLED BY:	Cascade	**METHOD:**	Rotosonic
SUPERVISED BY:	Ryan Walker	**TOC Elev.**	782.66 NAVD88
WATER 1ST ENCOUNTERED:	55' BGS		
WATER AFTER 48 HOURS:	21.34' TOC		



99.00 - 109.00 Recovery (5/10)
Dark gray micaceous Schist, wet

109.00 - 119.00 Recovery (0/10)
No recovery

115.00 - 118.00
Large fracture, produces groundwater

119.0- 125.0 Recovery (0/6)
No recovery

Boring terminated at 125' BGS

MATERIALS:

GROUT:	Portland Type I/II Cement
MANUFACTURER:	Sakrete
BENTONITE SEAL:	3/8" Bentonite Pellets
MANUFACTURER:	PDS
FILTER PACK SAND:	20/40 Mesh
MANUFACTURER:	Filter Media GP#1
WELL SCREEN:	Sch. 40 - 2" PVC
MANUFACTURER:	Silver-Line™
SLOT SIZE:	0.010-Inch Slot
WELL CASING:	Sch. 40 - 2" PVC
MANUFACTURER:	Silver-Line™

TOC - Top of Casing
ID - Inside Diameter; OD - Outside Diameter
NAVD88 - North American Vertical Datum of 1988
BGS - Below Ground Surface

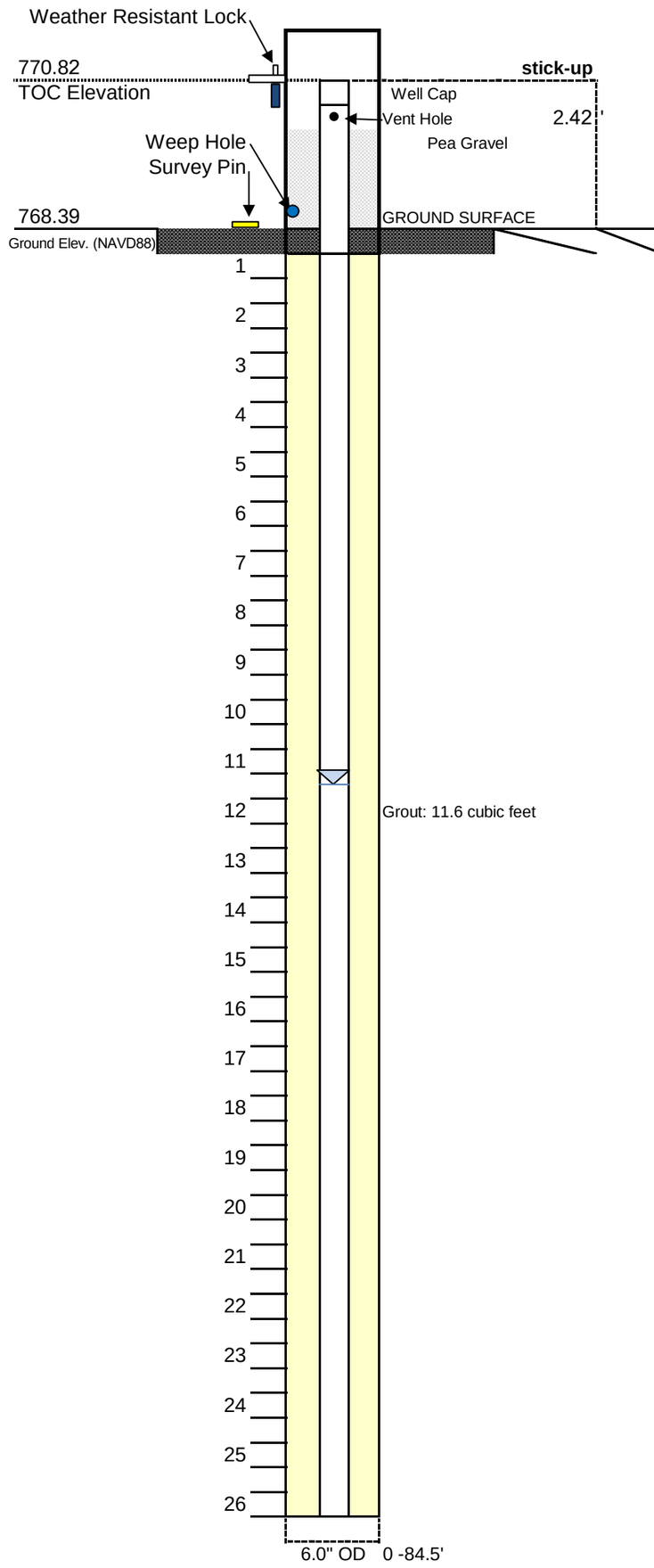
Log updated with revised survey data certified 6/16/2020.
Easting and Northing in NAD 83. Elevation in NAVD 88.

ATLANTIC COAST CONSULTING, INC.

WAMW-2

BORING ID

PROJECT:	Plant Wansley - Ash Pond	**PROJECT NO.:**	I054-110
TOTAL DEPTH:	86.14 ft. TOC	**SITE LOCATION:**	Carrollton, Georgia
DATE BEGIN:	12-Sep-2018	**DRILLER:**	Issac Youub
DATE COMPLETE:	14-Sep-2018	**RIG TYPE:**	T-300 Rotosonic
INSTALLED BY:	Cascade	**METHOD:**	Rotosonic
SUPERVISED BY:	Ryan Walker	**TOC Elev.**	770.82 NAVD88
WATER 1ST ENCOUNTERED:	44' BGS		
WATER AFTER 48 HOURS:	14.42' TOC		



Northing: 1241547.56
Easting: 2028806.27

SURFACE COMPLETION:
4"x4" Aluminum Protective Casing
4'x4'x4" Concrete Pad
Weather Resistant Lock
Survey Pin

SOIL DESCRIPTION

0.00 - 10.00'
No recovery; Hydrovac

10.0 - 19.0'
Orange to reddish brown, SILT, little quartz gravel (ML)

19.0 - 29.0 Recovery (10/10)
Orangish brown, clayey SILT (MH)

MATERIALS:

GROUT:	Portland Type I/II Cement
MANUFACTURER:	Sakrete
BENTONITE SEAL:	3/8" Bentonite Pellets
MANUFACTURER:	PDS
FILTER PACK SAND:	20/40 Mesh
MANUFACTURER:	Filter Media GP#1
WELL SCREEN:	Sch. 40 - 2" PVC
MANUFACTURER:	Silver-Line™
SLOT SIZE:	0.010-Inch Slot
WELL CASING:	Sch. 40 - 2" PVC
MANUFACTURER:	Silver-Line™

TOC - Top of Casing
ID - Inside Diameter; OD - Outside Diameter
NAVD88 - North American Vertical Datum of 1988
BGS - Below Ground Surface

Log updated with revised survey data certified 6/16/2020.
Easting and Northing in NAD 83. Elevation in NAVD 88.

ATLANTIC COAST CONSULTING, INC.

WAMW-2

BORING ID

PROJECT:	Plant Wansley - Ash Pond	**PROJECT NO.:**	I054-110
TOTAL DEPTH:	86.14 ft. TOC	**SITE LOCATION:**	Carrollton, Georgia
DATE BEGIN:	12-Sep-2018	**DRILLER:**	Issac Youub
DATE COMPLETE:	14-Sep-2018	**RIG TYPE:**	T-300 Rotosonic
INSTALLED BY:	Cascade	**METHOD:**	Rotosonic
SUPERVISED BY:	Ryan Walker	**TOC Elev.**	770.82 NAVD88
WATER 1ST ENCOUNTERED:	44' BGS		
WATER AFTER 48 HOURS:	14.42' TOC		

Elevation NAVD88	Depth BGS
	28
	29
	30
	31
	32
	33
	34
	35
	36
	37
	38
	39
	40
	41
	42
	43
	44
	45
	46
	47
	48
	49
	50
	51
	52

6.0" OD 0 -84.5'

19.0 - 29.0 Recovery (10/10)
Orangish brown, clayey SILT (MH)

29.0 - 39.0 Recovery (10/10)
Orangish brown, clayey SILT (MH)

39.0 - 49.0 Recovery (10/10)
Orangish brown, clayey SILT (MH)

44.0 - 48.0
Dark brown to reddish brown, dry silty CLAY (CH)

49.0 - 59.0 Recovery (10/10)
Reddish brown, clayey SILT (MH)

MATERIALS:

GROUT:	Portland Type I/II Cement
MANUFACTURER:	Sakrete
BENTONITE SEAL:	3/8" Bentonite Pellets
MANUFACTURER:	PDS
FILTER PACK SAND:	20/40 Mesh
MANUFACTURER:	Filter Media GP#1
WELL SCREEN:	Sch. 40 - 2" PVC
MANUFACTURER:	Silver-Line™
SLOT SIZE:	0.010-Inch Slot
WELL CASING:	Sch. 40 - 2" PVC
MANUFACTURER:	Johnson Screens™

TOC - Top of Casing
ID - Inside Diameter; OD - Outside Diameter
NAVD88 - North American Vertical Datum of 1988
BGS - Below Ground Surface

Log updated with revised survey data certified 6/16/2020.
Easting and Northing in NAD 83. Elevation in NAVD 88.

ATLANTIC COAST CONSULTING, INC.

WAMW-2

BORING ID

PROJECT:	Plant Wansley - Ash Pond	**PROJECT NO.:**	I054-110
TOTAL DEPTH:	86.14 ft. TOC	**SITE LOCATION:**	Carrollton, Georgia
DATE BEGIN:	12-Sep-2018	**DRILLER:**	Issac Youub
DATE COMPLETE:	14-Sep-2018	**RIG TYPE:**	T-300 Rotosonic
INSTALLED BY:	Cascade	**METHOD:**	Rotosonic
SUPERVISED BY:	Ryan Walker	**TOC Elev.**	770.82 NAVD88
WATER 1ST ENCOUNTERED:	44' BGS		
WATER AFTER 48 HOURS:	14.42' TOC		

Elevation NAVD88 | Depth BGS

54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70

698.19 Elevation | 70.2 Depth — Top of Seal
Bentonite Seal: 0.3 cubic feet

696.19 Elevation | 72.2 Depth — Top of Filter Pack (72.20')

694.19 Elevation | 74.2 Depth — Top of Screen (74.20')

76 77 78

6.0" OD 0 -84.5'

Reddish brown, clayey SILT (MH)

55.00 - 56.00
Brown, wet SILT

56.00 - 59.00
Light brown, orange and gray, dry to moist, SILT (MH) Saprolite

59.0 - 69.0 Recovery (4.2/10)
Brown micaceous schist and garnetiferous greywacke, dry

69.0 - 79.0 Recovery (3.4/10)
Brown to gray, greywacke/schist with white plagioclase laminations, some garnets with banding.

MATERIALS:

GROUT:	Portland Type I/II Cement
MANUFACTURER:	Sakrete
BENTONITE SEAL:	3/8" Bentonite Pellets
MANUFACTURER:	PDS
FILTER PACK SAND:	20/40 Mesh
MANUFACTURER:	Filter Media GP#1
WELL SCREEN:	Sch. 40 - 2" PVC
MANUFACTURER:	Silver-Line™
SLOT SIZE:	0.010-Inch Slot
WELL CASING:	Sch. 40 - 2" PVC
MANUFACTURER:	Johnson Screens™

TOC - Top of Casing
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Easting and Northing in NAD 83. Elevation in NAVD 88.

ATLANTIC COAST CONSULTING, INC.

WAMW-2

BORING ID

PROJECT:	Plant Wansley - Ash Pond	**PROJECT NO.:**	I054-110
TOTAL DEPTH:	86.14 ft. TOC	**SITE LOCATION:**	Carrollton, Georgia
DATE BEGIN:	12-Sep-2018	**DRILLER:**	Issac Youub
DATE COMPLETE:	14-Sep-2018	**RIG TYPE:**	T-300 Rotosonic
INSTALLED BY:	Cascade	**METHOD:**	Rotosonic
SUPERVISED BY:	Ryan Walker	**TOC Elev.**	770.82 NAVD88
WATER 1ST ENCOUNTERED:	44' BGS		
WATER AFTER 48 HOURS:	14.42' TOC		

Elevation NAVD88	Depth BGS	
	80	Filter Pack: 2.0 cubic feet
	81	
	82	
	83	
	84	
684.19	84.2	Bottom of Screen (84.20')
Elevation	Depth	Silt Trap (3.5")

6.0" OD 0 -84.5'

69.0 - 79.0 Recovery (3.4/10)

79.0 - 84.0 Recovery (1.0/5.0)

Dark brown to gray, wet micaceous, Schist/Greywacke with banding

Boring terminated at 84.5' BGS

MATERIALS:

GROUT:	Portland Type I/II Cement
MANUFACTURER:	Sakrete
BENTONITE SEAL:	3/8" Bentonite Pellets
MANUFACTURER:	PDS
FILTER PACK SAND:	20/40 Mesh
MANUFACTURER:	Filter Media GP#1
WELL SCREEN:	Sch. 40 - 2" PVC
MANUFACTURER:	Silver-Line™
SLOT SIZE:	0.010-Inch Slot
WELL CASING:	Sch. 40 - 2" PVC
MANUFACTURER:	Johnson Screens™

TOC - Top of Casing
ID - Inside Diameter; OD - Outside Diameter
NAVD88 - North American Vertical Datum of 1988
BGS - Below Ground Surface

APPENDIX B

Laboratory Analytical Reports

eurofins | Environment Testing America

ANALYTICAL REPORT

Eurofins TestAmerica, Pittsburgh
301 Alpha Drive
RIDC Park
Pittsburgh, PA 15238
Tel: (412)963-7058

Laboratory Job ID: 180-109917-1
Client Project/Site: Plant Wansley GW7327

For:
Southern Company
241 Ralph McGill Blvd SE
B10185
Atlanta, Georgia 30308

Attn: Kristen N Jurinko

Authorized for release by:
11/10/2020 6:24:13 AM

Shali Brown, Project Manager II
(615)301-5031
Shali.Brown@Eurofinset.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

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

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Receipt Checklists 38

Job ID: 180-109917-1

Laboratory: Eurofins TestAmerica, Pittsburgh

Narrative

Job Narrative
180-109917-1

Comments
No additional comments.

Receipt
The samples were received on 8/21/2020 9:45 AM; the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 4.9º C.

Metals
7 Step Sequential Extraction Procedure
These soil samples were prepared and analyzed using Eurofins TestAmerica Knoxville standard operating procedure KNOX-MT-0008, "7 Step Sequential Extraction Procedure". SW-846 Method 6010B as incorporated in Eurofins TestAmerica Knoxville standard operating procedure KNOX-MT-0007 was used to perform the final instrument analyses.

An aliquot of each sample was sequentially extracted using the steps listed below:

· Step 1 - Exchangeable Fraction: A 5 gram aliquot of sample was extracted with 25 mL of 1M magnesium sulfate (MgSO4), centrifuged and filtered. 5 mL of the resulting leachate was digested using method 3010A and analyzed by method 6010B. Results are reported in mg/kg on a dry weight basis.
· Step 2 - Carbonate Fraction: The sample residue from step 1 was extracted with 25 mL of 1M sodium acetate/acetic acid (NaOAc/HOAc) at pH 5, centrifuged and filtered. 5 mL of the resulting leachate was digested using method 3010A and analyzed by method 6010B. Results are reported in mg/kg on a dry weight basis.
· Step 3 - Non-crystalline Materials Fraction: The sample residue from step 2 was extracted with 25 mL of 0.2M ammonium oxalate (pH 3), centrifuged and filtered. 5 mL of the resulting leachate was digested using method 3010A and analyzed by method 6010B. Results are reported in mg/kg on a dry weight basis.
· Step 4 - Metal Hydroxide Fraction: The sample residue from step 3 was extracted with 25 mL of 1M hydroxylamine hydrochloride solution in 25% v/v acetic acid, centrifuged and filtered. 5 mL of the resulting leachate was digested using method 3010A and analyzed by method 6010B. Results are reported in mg/kg on a dry weight basis.
· Step 5 - Organic-bound Fraction: The sample residue from step 4 was extracted three times with 25 mL of 5% sodium hypochlorite (NaClO) at pH 9.5, centrifuged and filtered. The resulting leachates were combined and 5 mL were digested using method 3010A and analyzed by method 6010B. Results are reported in mg/kg on a dry weight basis.
· Step 6 - Acid/Sulfide Fraction: The sample residue from step 5 was extracted with 25 mL of a 3:1:2 v/v solution of HCl-HNO3-H2O, centrifuged and filtered. 5 mL of the resulting leachate was diluted to 50 mL with reagent water and analyzed by method 6010B. Results are reported in mg/kg on a dry weight basis.
· Step 7 - Residual Fraction: A 1.0 g aliquot of the sample residue from step 6 was digested using HF, HNO3, HCl and H3BO3. The digestate was analyzed by ICP using method 6010B. Results are reported in mg/kg on a dry weight basis.

In addition, a 1.0 g aliquot of the original sample was digested using HF, HNO3, HCl and H3BO3. The digestate was analyzed by ICP using method 6010B. Total metal results are reported in mg/kg on a dry weight basis.

Results were calculated using the following equation:

Result, µg/g or mg/Kg, dry weight = (C × V × V1 × D) / (W × S × V2)

Where:
C = Concentration from instrument readout, µg/mL
V = Final volume of digestate, mL
D = Instrument dilution factor
V1 = Total volume of leachate, mL
V2 = Volume of leachate digested, mL
W = Wet weight of sample, g
S = Percent solids/100

Job ID: 180-109917-1 (Continued)

Laboratory: Eurofins TestAmerica, Pittsburgh (Continued)

A method blank, laboratory control sample and laboratory control sample duplicate were prepared and analyzed with each SEP step in order to provide information about both the presence of elements of interest in the extraction solutions, and the recovery of elements of interest from the extraction solutions. Results outside of laboratory QC limits do not reflect out of control performance, but rather the effect of the extraction solution upon the analyte.

A laboratory sample duplicate was prepared and analyzed with each batch of samples in order to provide information regarding the reproducibility of the procedure.

SEP Report Notes:
The final report lists the results for each step, the result for the total digestion of the sample, and a sum of the results of steps 1 through 7 by element.
The digestates for steps 1, 2 and 5 were analyzed at a dilution due to instrument problems caused by the high solids content of the digestates. The reporting limits were adjusted accordingly.

Method 6010B: Due to sample matrix effect on the internal standard (ISTD), a dilution was required for the following samples: PB-3 57-61 (180-109917-1), PB-3 47-52 (180-109917-2), PB-4 49-59 (180-109917-3), PB-4 64-68 (180-109917-4) and PB-4 73-80 (180-109917-5).

Method 6010B SEP: Due to sample matrix effect on the internal standard (ISTD), a dilution was required for the following samples: PB-3 57-61 (180-109917-1), PB-4 49-59 (180-109917-3) and PB-4 73-80 (180-109917-5).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

General Chemistry
% Moisture: The samples were analyzed for percent moisture using SOP number KNOX-WC-0012 (based on Modified MCAWW 160.3 and SM2540B and on the percent moisture determinations described in methods 3540C and 3550B).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Definitions/Glossary

Client: Southern Company
Project/Site: Plant Wansley GW7327

Job ID: 180-109917-1

Qualifiers

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 Wansley GW7327

Job ID: 180-109917-1

Laboratory: Eurofins TestAmerica, Knoxville

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
	AFCEE	N/A	
ANAB	Dept. of Defense ELAP	L2311	02-13-22
ANAB	Dept. of Energy	L2311.01	02-13-22
ANAB	ISO/IEC 17025	L2311	02-13-22
ANAB	ISO/IEC 17025	L2311	02-14-22
Arkansas DEQ	State	88-0688	06-17-21
California	State	2423	06-30-21
Colorado	State	TN00009	02-28-21
Connecticut	State	PH-0223	09-30-21
Florida	NELAP	E87177	07-01-21
Georgia (DW)	State	906	12-11-22
Hawaii	State	NA	12-11-21
Kansas	NELAP	E-10349	11-01-20 *
Kentucky (DW)	State	90101	01-01-21
Louisiana	NELAP	LA110001	12-31-12 *
Louisiana	NELAP	83979	06-30-21
Louisiana (DW)	State	LA019	12-31-20
Maryland	State	277	03-31-21
Michigan	State	9933	12-11-22
Nevada	State	TN00009	07-31-21
New Hampshire	NELAP	299919	01-17-21
New Jersey	NELAP	TN001	07-01-21
New York	NELAP	10781	03-31-21
North Carolina (DW)	State	21705	07-31-21
North Carolina (WW/SW)	State	64	12-31-20
Ohio VAP	State	CL0059	06-02-23
Oklahoma	State	9415	08-31-21
Oregon	NELAP	TNI0189	01-02-21
Pennsylvania	NELAP	68-00576	12-31-20
Tennessee	State	02014	12-11-22
Texas	NELAP	T104704380-18-12	08-31-21
US Fish & Wildlife	US Federal Programs	058448	07-31-21
USDA	US Federal Programs	P330-19-00236	08-20-22
Utah	NELAP	TN00009	07-31-21
Virginia	NELAP	460176	09-14-21
Washington	State	C593	01-19-21
West Virginia (DW)	State	9955C	01-01-21
West Virginia DEP	State	345	05-01-21
Wisconsin	State	998044300	08-31-21

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Sample Summary

Client: Southern Company
Project/Site: Plant Wansley GW7327

Job ID: 180-109917-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
180-109917-1	PB-3 57-61	Solid	07/14/20 11:05	08/21/20 09:45	
180-109917-2	PB-3 47-52	Solid	07/14/20 11:00	08/21/20 09:45	
180-109917-3	PB-4 49-59	Solid	07/14/20 12:10	08/21/20 09:45	
180-109917-4	PB-4 64-68	Solid	07/14/20 12:15	08/21/20 09:45	
180-109917-5	PB-4 73-80	Solid	07/14/20 12:20	08/21/20 09:45	
180-109917-6	PB-7 144-154	Solid	07/14/20 12:45	08/21/20 09:45	
180-109917-7	PB-8 135-145	Solid	07/14/20 15:15	08/21/20 09:45	

Method Summary

Client: Southern Company
Project/Site: Plant Wansley GW7327

Job ID: 180-109917-1

Method	Method Description	Protocol	Laboratory
6010B	SEP Metals (ICP) - Total	SW846	TAL KNX
6010B SEP	SEP Metals (ICP)	SW846	TAL KNX
3010A	Preparation, Total Metals	SW846	TAL KNX
Acid/Sulfide	Sequential Extraction Procedure, Acid/Sulfide Fraction	TAL-KNOX	TAL KNX
Carbonate	Sequential Extraction Procedure, Carbonate Fraction	TAL-KNOX	TAL KNX
Exchangeable	Sequential Extraction Procedure, Exchangeable Fraction	TAL-KNOX	TAL KNX
Metal Hydroxide	Sequential Extraction Procedure, Metal Hydroxide Fraction	TAL-KNOX	TAL KNX
Non-Crystalline	Sequential Extraction Procedure, Non-crystalline Materials	TAL-KNOX	TAL KNX
Organic-Bound	Sequential Extraction Procedure, Organic Bound Fraction	TAL-KNOX	TAL KNX
Residual	Sequential Extraction Procedure, Residual Fraction	TAL-KNOX	TAL KNX
Total	Preparation, Total Material	TAL-KNOX	TAL KNX

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.
TAL-KNOX = TestAmerica Laboratories, Knoxville, Facility Standard Operating Procedure.

Laboratory References:

TAL KNX = Eurofins TestAmerica, Knoxville, 5815 Middlebrook Pike, Knoxville, TN 37921, TEL (865)291-3000

Lab Chronicle

Client: Southern Company
Project/Site: Plant Wansley GW7327

Job ID: 180-109917-1

Client Sample ID: PB-3 57-61
Date Collected: 07/14/20 11:05
Date Received: 08/21/20 09:45

Lab Sample ID: 180-109917-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Sum of Steps 1-7	Analysis	6010B SEP		1			44105	11/02/20 10:23	DKW	TAL KNX
	Instrument ID:	NOEQUIP								

Client Sample ID: PB-3 57-61
Date Collected: 07/14/20 11:05
Date Received: 08/21/20 09:45

Lab Sample ID: 180-109917-1
Matrix: Solid
Percent Solids: 99.1

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	Total			1.000 g	50 mL	43059	09/28/20 08:00	KNC	TAL KNX
Total/NA	Analysis	6010B		5			44042	10/29/20 16:33	KNC	TAL KNX
	Instrument ID:	DUO								
Step 1	SEP	Exchangeable			5.000 g	25 mL	43060	09/28/20 08:00	KNC	TAL KNX
Step 1	Prep	3010A			5 mL	50 mL	43133	09/29/20 08:00	KNC	TAL KNX
Step 1	Analysis	6010B SEP		4			43944	10/27/20 12:12	KNC	TAL KNX
	Instrument ID:	DUO								
Step 2	SEP	Carbonate			5.000 g	25 mL	43447	10/12/20 10:01	KNC	TAL KNX
Step 2	Prep	3010A			5 mL	50 mL	43460	10/13/20 08:00	KNC	TAL KNX
Step 2	Analysis	6010B SEP		3			43944	10/27/20 13:53	KNC	TAL KNX
	Instrument ID:	DUO								
Step 3	SEP	Non-Crystalline			5.000 g	25 mL	43465	10/13/20 08:00	KNC	TAL KNX
Step 3	Prep	3010A			5 mL	50 mL	43495	10/14/20 08:00	KNC	TAL KNX
Step 3	Analysis	6010B SEP		1			43944	10/27/20 15:39	KNC	TAL KNX
	Instrument ID:	DUO								
Step 4	SEP	Metal Hydroxide			5.000 g	25 mL	43496	10/14/20 08:00	KNC	TAL KNX
Step 4	Prep	3010A			5 mL	50 mL	43539	10/15/20 08:00	KNC	TAL KNX
Step 4	Analysis	6010B SEP		2			43997	10/28/20 16:31	KNC	TAL KNX
	Instrument ID:	DUO								
Step 5	SEP	Organic-Bound			5.000 g	75 mL	43540	10/15/20 08:00	KNC	TAL KNX
Step 5	Prep	3010A			5 mL	50 mL	43604	10/19/20 08:00	KNC	TAL KNX
Step 5	Analysis	6010B SEP		5			43997	10/28/20 13:46	KNC	TAL KNX
	Instrument ID:	DUO								
Step 6	SEP	Acid/Sulfide			5.00 g	250 mL	43605	10/19/20 08:00	KNC	TAL KNX
Step 6	Analysis	6010B SEP		1			43997	10/28/20 15:32	KNC	TAL KNX
	Instrument ID:	DUO								
Step 7	Prep	Residual			1.000 g	50 mL	43637	10/20/20 08:00	KNC	TAL KNX
Step 7	Analysis	6010B SEP		1			44042	10/29/20 12:12	KNC	TAL KNX
	Instrument ID:	DUO								

Client Sample ID: PB-3 47-52
Date Collected: 07/14/20 11:00
Date Received: 08/21/20 09:45

Lab Sample ID: 180-109917-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Sum of Steps 1-7	Analysis	6010B SEP		1			44105	11/02/20 10:23	DKW	TAL KNX
	Instrument ID:	NOEQUIP								

Lab Chronicle

Client: Southern Company
Project/Site: Plant Wansley GW7327

Job ID: 180-109917-1

Client Sample ID: PB-3 47-52
Date Collected: 07/14/20 11:00
Date Received: 08/21/20 09:45

Lab Sample ID: 180-109917-2
Matrix: Solid
Percent Solids: 99.5

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	Total			1.000 g	50 mL	43059	09/28/20 08:00	KNC	TAL KNX
Total/NA	Analysis	6010B		5			44042	10/29/20 16:38	KNC	TAL KNX
	Instrument ID:	DUO								
Step 1	SEP	Exchangeable			5.000 g	25 mL	43060	09/28/20 08:00	KNC	TAL KNX
Step 1	Prep	3010A			5 mL	50 mL	43133	09/29/20 08:00	KNC	TAL KNX
Step 1	Analysis	6010B SEP		4			43944	10/27/20 12:17	KNC	TAL KNX
	Instrument ID:	DUO								
Step 2	SEP	Carbonate			5.000 g	25 mL	43447	10/12/20 10:01	KNC	TAL KNX
Step 2	Prep	3010A			5 mL	50 mL	43460	10/13/20 08:00	KNC	TAL KNX
Step 2	Analysis	6010B SEP		3			43944	10/27/20 13:58	KNC	TAL KNX
	Instrument ID:	DUO								
Step 3	SEP	Non-Crystalline			5.000 g	25 mL	43465	10/13/20 08:00	KNC	TAL KNX
Step 3	Prep	3010A			5 mL	50 mL	43495	10/14/20 08:00	KNC	TAL KNX
Step 3	Analysis	6010B SEP		1			43944	10/27/20 15:44	KNC	TAL KNX
	Instrument ID:	DUO								
Step 4	SEP	Metal Hydroxide			5.000 g	25 mL	43496	10/14/20 08:00	KNC	TAL KNX
Step 4	Prep	3010A			5 mL	50 mL	43539	10/15/20 08:00	KNC	TAL KNX
Step 4	Analysis	6010B SEP		1			43997	10/28/20 12:04	KNC	TAL KNX
	Instrument ID:	DUO								
Step 5	SEP	Organic-Bound			5.000 g	75 mL	43540	10/15/20 08:00	KNC	TAL KNX
Step 5	Prep	3010A			5 mL	50 mL	43604	10/19/20 08:00	KNC	TAL KNX
Step 5	Analysis	6010B SEP		5			43997	10/28/20 13:51	KNC	TAL KNX
	Instrument ID:	DUO								
Step 6	SEP	Acid/Sulfide			5.00 g	250 mL	43605	10/19/20 08:00	KNC	TAL KNX
Step 6	Analysis	6010B SEP		1			43997	10/28/20 15:37	KNC	TAL KNX
	Instrument ID:	DUO								
Step 7	Prep	Residual			1.000 g	50 mL	43637	10/20/20 08:00	KNC	TAL KNX
Step 7	Analysis	6010B SEP		1			44042	10/29/20 12:17	KNC	TAL KNX
	Instrument ID:	DUO								

Client Sample ID: PB-4 49-59
Date Collected: 07/14/20 12:10
Date Received: 08/21/20 09:45

Lab Sample ID: 180-109917-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Sum of Steps 1-7	Analysis	6010B SEP		1			44105	11/02/20 10:23	DKW	TAL KNX
	Instrument ID:	NOEQUIP								

Client Sample ID: PB-4 49-59
Date Collected: 07/14/20 12:10
Date Received: 08/21/20 09:45

Lab Sample ID: 180-109917-3
Matrix: Solid
Percent Solids: 99.1

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	Total			1.000 g	50 mL	43059	09/28/20 08:00	KNC	TAL KNX
Total/NA	Analysis	6010B		5			44042	10/29/20 16:43	KNC	TAL KNX
	Instrument ID:	DUO								

Lab Chronicle

Client: Southern Company
Project/Site: Plant Wansley GW7327

Job ID: 180-109917-1

Client Sample ID: PB-4 49-59

Lab Sample ID: 180-109917-3
Date Collected: 07/14/20 12:10
Matrix: Solid
Date Received: 08/21/20 09:45
Percent Solids: 99.1

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Step 1	SEP	Exchangeable			5.000 g	25 mL	43060	09/28/20 08:00	KNC	TAL KNX
Step 1	Prep	3010A			5 mL	50 mL	43133	09/29/20 08:00	KNC	TAL KNX
Step 1	Analysis	6010B SEP		4			43944	10/27/20 12:36	KNC	TAL KNX
	Instrument ID:	DUO								
Step 2	SEP	Carbonate			5.000 g	25 mL	43447	10/12/20 10:01	KNC	TAL KNX
Step 2	Prep	3010A			5 mL	50 mL	43460	10/13/20 08:00	KNC	TAL KNX
Step 2	Analysis	6010B SEP		3			43944	10/27/20 14:03	KNC	TAL KNX
	Instrument ID:	DUO								
Step 3	SEP	Non-Crystalline			5.000 g	25 mL	43465	10/13/20 08:00	KNC	TAL KNX
Step 3	Prep	3010A			5 mL	50 mL	43495	10/14/20 08:00	KNC	TAL KNX
Step 3	Analysis	6010B SEP		1			43944	10/27/20 15:49	KNC	TAL KNX
	Instrument ID:	DUO								
Step 4	SEP	Metal Hydroxide			5.000 g	25 mL	43496	10/14/20 08:00	KNC	TAL KNX
Step 4	Prep	3010A			5 mL	50 mL	43539	10/15/20 08:00	KNC	TAL KNX
Step 4	Analysis	6010B SEP		1			43997	10/28/20 12:28	KNC	TAL KNX
	Instrument ID:	DUO								
Step 5	SEP	Organic-Bound			5.000 g	75 mL	43540	10/15/20 08:00	KNC	TAL KNX
Step 5	Prep	3010A			5 mL	50 mL	43604	10/19/20 08:00	KNC	TAL KNX
Step 5	Analysis	6010B SEP		5			43997	10/28/20 13:56	KNC	TAL KNX
	Instrument ID:	DUO								
Step 6	SEP	Acid/Sulfide			5.00 g	250 mL	43605	10/19/20 08:00	KNC	TAL KNX
Step 6	Analysis	6010B SEP		2			43997	10/28/20 16:40	KNC	TAL KNX
	Instrument ID:	DUO								
Step 7	Prep	Residual			1.000 g	50 mL	43637	10/20/20 08:00	KNC	TAL KNX
Step 7	Analysis	6010B SEP		1			44042	10/29/20 12:32	KNC	TAL KNX
	Instrument ID:	DUO								

Client Sample ID: PB-4 64-68

Lab Sample ID: 180-109917-4
Date Collected: 07/14/20 12:15
Matrix: Solid
Date Received: 08/21/20 09:45

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Sum of Steps 1-7	Analysis	6010B SEP		1			44105	11/02/20 10:23	DKW	TAL KNX
	Instrument ID:	NOEQUIP								

Client Sample ID: PB-4 64-68

Lab Sample ID: 180-109917-4
Date Collected: 07/14/20 12:15
Matrix: Solid
Date Received: 08/21/20 09:45
Percent Solids: 98.8

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	Total			1.000 g	50 mL	43059	09/28/20 08:00	KNC	TAL KNX
Total/NA	Analysis	6010B		5			44042	10/29/20 16:47	KNC	TAL KNX
	Instrument ID:	DUO								

Lab Chronicle

Client: Southern Company
Project/Site: Plant Wansley GW7327

Job ID: 180-109917-1

Client Sample ID: PB-4 64-68

Lab Sample ID: 180-109917-4

Date Collected: 07/14/20 12:15
Date Received: 08/21/20 09:45

Matrix: Solid
Percent Solids: 98.8

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Step 1	SEP	Exchangeable			5.000 g	25 mL	43060	09/28/20 08:00	KNC	TAL KNX
Step 1	Prep	3010A			5 mL	50 mL	43133	09/29/20 08:00	KNC	TAL KNX
Step 1	Analysis	6010B SEP		4			43944	10/27/20 12:41	KNC	TAL KNX
	Instrument ID:	DUO								
Step 2	SEP	Carbonate			5.000 g	25 mL	43447	10/12/20 10:01	KNC	TAL KNX
Step 2	Prep	3010A			5 mL	50 mL	43460	10/13/20 08:00	KNC	TAL KNX
Step 2	Analysis	6010B SEP		3			43944	10/27/20 14:07	KNC	TAL KNX
	Instrument ID:	DUO								
Step 3	SEP	Non-Crystalline			5.000 g	25 mL	43465	10/13/20 08:00	KNC	TAL KNX
Step 3	Prep	3010A			5 mL	50 mL	43495	10/14/20 08:00	KNC	TAL KNX
Step 3	Analysis	6010B SEP		1			43944	10/27/20 15:54	KNC	TAL KNX
	Instrument ID:	DUO								
Step 4	SEP	Metal Hydroxide			5.000 g	25 mL	43496	10/14/20 08:00	KNC	TAL KNX
Step 4	Prep	3010A			5 mL	50 mL	43539	10/15/20 08:00	KNC	TAL KNX
Step 4	Analysis	6010B SEP		1			43997	10/28/20 12:33	KNC	TAL KNX
	Instrument ID:	DUO								
Step 5	SEP	Organic-Bound			5.000 g	75 mL	43540	10/15/20 08:00	KNC	TAL KNX
Step 5	Prep	3010A			5 mL	50 mL	43604	10/19/20 08:00	KNC	TAL KNX
Step 5	Analysis	6010B SEP		5			43997	10/28/20 14:00	KNC	TAL KNX
	Instrument ID:	DUO								
Step 6	SEP	Acid/Sulfide			5.00 g	250 mL	43605	10/19/20 08:00	KNC	TAL KNX
Step 6	Analysis	6010B SEP		1			43997	10/28/20 15:47	KNC	TAL KNX
	Instrument ID:	DUO								
Step 7	Prep	Residual			1.000 g	50 mL	43637	10/20/20 08:00	KNC	TAL KNX
Step 7	Analysis	6010B SEP		1			44042	10/29/20 12:37	KNC	TAL KNX
	Instrument ID:	DUO								

Client Sample ID: PB-4 73-80

Lab Sample ID: 180-109917-5

Date Collected: 07/14/20 12:20
Date Received: 08/21/20 09:45

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Sum of Steps 1-7	Analysis	6010B SEP		1			44105	11/02/20 10:23	DKW	TAL KNX
	Instrument ID:	NOEQUIP								

Client Sample ID: PB-4 73-80

Lab Sample ID: 180-109917-5

Date Collected: 07/14/20 12:20
Date Received: 08/21/20 09:45

Matrix: Solid
Percent Solids: 99.6

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	Total			1.000 g	50 mL	43059	09/28/20 08:00	KNC	TAL KNX
Total/NA	Analysis	6010B		5			44042	10/29/20 16:52	KNC	TAL KNX
	Instrument ID:	DUO								

Lab Chronicle

Client: Southern Company
Project/Site: Plant Wansley GW7327

Job ID: 180-109917-1

Client Sample ID: PB-4 73-80
Date Collected: 07/14/20 12:20
Date Received: 08/21/20 09:45

Lab Sample ID: 180-109917-5
Matrix: Solid
Percent Solids: 99.6

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Step 1	SEP	Exchangeable			5.000 g	25 mL	43060	09/28/20 08:00	KNC	TAL KNX
Step 1	Prep	3010A			5 mL	50 mL	43133	09/29/20 08:00	KNC	TAL KNX
Step 1	Analysis	6010B SEP		4			43944	10/27/20 12:45	KNC	TAL KNX
	Instrument ID:	DUO								
Step 2	SEP	Carbonate			5.000 g	25 mL	43447	10/12/20 10:01	KNC	TAL KNX
Step 2	Prep	3010A			5 mL	50 mL	43460	10/13/20 08:00	KNC	TAL KNX
Step 2	Analysis	6010B SEP		3			43944	10/27/20 14:12	KNC	TAL KNX
	Instrument ID:	DUO								
Step 3	SEP	Non-Crystalline			5.000 g	25 mL	43465	10/13/20 08:00	KNC	TAL KNX
Step 3	Prep	3010A			5 mL	50 mL	43495	10/14/20 08:00	KNC	TAL KNX
Step 3	Analysis	6010B SEP		1			43944	10/27/20 15:58	KNC	TAL KNX
	Instrument ID:	DUO								
Step 4	SEP	Metal Hydroxide			5.000 g	25 mL	43496	10/14/20 08:00	KNC	TAL KNX
Step 4	Prep	3010A			5 mL	50 mL	43539	10/15/20 08:00	KNC	TAL KNX
Step 4	Analysis	6010B SEP		2			43997	10/28/20 16:36	KNC	TAL KNX
	Instrument ID:	DUO								
Step 5	SEP	Organic-Bound			5.000 g	75 mL	43540	10/15/20 08:00	KNC	TAL KNX
Step 5	Prep	3010A			5 mL	50 mL	43604	10/19/20 08:00	KNC	TAL KNX
Step 5	Analysis	6010B SEP		5			43997	10/28/20 14:05	KNC	TAL KNX
	Instrument ID:	DUO								
Step 6	SEP	Acid/Sulfide			5.00 g	250 mL	43605	10/19/20 08:00	KNC	TAL KNX
Step 6	Analysis	6010B SEP		1			43997	10/28/20 15:52	KNC	TAL KNX
	Instrument ID:	DUO								
Step 7	Prep	Residual			1.000 g	50 mL	43637	10/20/20 08:00	KNC	TAL KNX
Step 7	Analysis	6010B SEP		1			44042	10/29/20 12:42	KNC	TAL KNX
	Instrument ID:	DUO								

Client Sample ID: PB-7 144-154
Date Collected: 07/14/20 12:45
Date Received: 08/21/20 09:45

Lab Sample ID: 180-109917-6
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Sum of Steps 1-7	Analysis	6010B SEP		1			44105	11/02/20 10:23	DKW	TAL KNX
	Instrument ID:	NOEQUIP								

Client Sample ID: PB-7 144-154
Date Collected: 07/14/20 12:45
Date Received: 08/21/20 09:45

Lab Sample ID: 180-109917-6
Matrix: Solid
Percent Solids: 99.7

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	Total			1.000 g	50 mL	43059	09/28/20 08:00	KNC	TAL KNX
Total/NA	Analysis	6010B		1			44042	10/29/20 14:36	KNC	TAL KNX
	Instrument ID:	DUO								

Lab Chronicle

Client: Southern Company
Project/Site: Plant Wansley GW7327

Job ID: 180-109917-1

Client Sample ID: PB-7 144-154
Lab Sample ID: 180-109917-6

Date Collected: 07/14/20 12:45
Date Received: 08/21/20 09:45

Matrix: Solid
Percent Solids: 99.7

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Step 1	SEP	Exchangeable			5.000 g	25 mL	43060	09/28/20 08:00	KNC	TAL KNX
Step 1	Prep	3010A			5 mL	50 mL	43133	09/29/20 08:00	KNC	TAL KNX
Step 1	Analysis	6010B SEP		4			43944	10/27/20 12:50	KNC	TAL KNX
	Instrument ID:	DUO								
Step 2	SEP	Carbonate			5.000 g	25 mL	43447	10/12/20 10:01	KNC	TAL KNX
Step 2	Prep	3010A			5 mL	50 mL	43460	10/13/20 08:00	KNC	TAL KNX
Step 2	Analysis	6010B SEP		3			43944	10/27/20 14:31	KNC	TAL KNX
	Instrument ID:	DUO								
Step 3	SEP	Non-Crystalline			5.000 g	25 mL	43465	10/13/20 08:00	KNC	TAL KNX
Step 3	Prep	3010A			5 mL	50 mL	43495	10/14/20 08:00	KNC	TAL KNX
Step 3	Analysis	6010B SEP		1			43944	10/27/20 16:03	KNC	TAL KNX
	Instrument ID:	DUO								
Step 4	SEP	Metal Hydroxide			5.000 g	25 mL	43496	10/14/20 08:00	KNC	TAL KNX
Step 4	Prep	3010A			5 mL	50 mL	43539	10/15/20 08:00	KNC	TAL KNX
Step 4	Analysis	6010B SEP		1			43997	10/28/20 12:43	KNC	TAL KNX
	Instrument ID:	DUO								
Step 5	SEP	Organic-Bound			5.000 g	75 mL	43540	10/15/20 08:00	KNC	TAL KNX
Step 5	Prep	3010A			5 mL	50 mL	43604	10/19/20 08:00	KNC	TAL KNX
Step 5	Analysis	6010B SEP		5			43997	10/28/20 14:25	KNC	TAL KNX
	Instrument ID:	DUO								
Step 6	SEP	Acid/Sulfide			5.00 g	250 mL	43605	10/19/20 08:00	KNC	TAL KNX
Step 6	Analysis	6010B SEP		1			43997	10/28/20 15:57	KNC	TAL KNX
	Instrument ID:	DUO								
Step 7	Prep	Residual			1.000 g	50 mL	43637	10/20/20 08:00	KNC	TAL KNX
Step 7	Analysis	6010B SEP		1			44042	10/29/20 12:46	KNC	TAL KNX
	Instrument ID:	DUO								

Client Sample ID: PB-8 135-145
Lab Sample ID: 180-109917-7

Date Collected: 07/14/20 15:15
Date Received: 08/21/20 09:45

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Sum of Steps 1-7	Analysis	6010B SEP		1			44105	11/02/20 10:23	DKW	TAL KNX
	Instrument ID:	NOEQUIP								

Client Sample ID: PB-8 135-145
Lab Sample ID: 180-109917-7

Date Collected: 07/14/20 15:15
Date Received: 08/21/20 09:45

Matrix: Solid
Percent Solids: 99.5

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	Total			1.000 g	50 mL	43059	09/28/20 08:00	KNC	TAL KNX
Total/NA	Analysis	6010B		1			44042	10/29/20 14:42	KNC	TAL KNX
	Instrument ID:	DUO								

Lab Chronicle

Client: Southern Company
Project/Site: Plant Wansley GW7327

Job ID: 180-109917-1

Client Sample ID: PB-8 135-145

Date Collected: 07/14/20 15:15
Date Received: 08/21/20 09:45

Lab Sample ID: 180-109917-7

Matrix: Solid
Percent Solids: 99.5

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Step 1	SEP	Exchangeable			5.000 g	25 mL	43060	09/28/20 08:00	KNC	TAL KNX
Step 1	Prep	3010A			5 mL	50 mL	43133	09/29/20 08:00	KNC	TAL KNX
Step 1	Analysis	6010B SEP		4			43944	10/27/20 12:55	KNC	TAL KNX
	Instrument ID:	DUO								
Step 2	SEP	Carbonate			5.000 g	25 mL	43447	10/12/20 10:01	KNC	TAL KNX
Step 2	Prep	3010A			5 mL	50 mL	43460	10/13/20 08:00	KNC	TAL KNX
Step 2	Analysis	6010B SEP		3			43944	10/27/20 14:36	KNC	TAL KNX
	Instrument ID:	DUO								
Step 3	SEP	Non-Crystalline			5.000 g	25 mL	43465	10/13/20 08:00	KNC	TAL KNX
Step 3	Prep	3010A			5 mL	50 mL	43495	10/14/20 08:00	KNC	TAL KNX
Step 3	Analysis	6010B SEP		1			43944	10/27/20 16:08	KNC	TAL KNX
	Instrument ID:	DUO								
Step 4	SEP	Metal Hydroxide			5.000 g	25 mL	43496	10/14/20 08:00	KNC	TAL KNX
Step 4	Prep	3010A			5 mL	50 mL	43539	10/15/20 08:00	KNC	TAL KNX
Step 4	Analysis	6010B SEP		1			43997	10/28/20 12:48	KNC	TAL KNX
	Instrument ID:	DUO								
Step 5	SEP	Organic-Bound			5.000 g	75 mL	43540	10/15/20 08:00	KNC	TAL KNX
Step 5	Prep	3010A			5 mL	50 mL	43604	10/19/20 08:00	KNC	TAL KNX
Step 5	Analysis	6010B SEP		5			43997	10/28/20 14:30	KNC	TAL KNX
	Instrument ID:	DUO								
Step 6	SEP	Acid/Sulfide			5.00 g	250 mL	43605	10/19/20 08:00	KNC	TAL KNX
Step 6	Analysis	6010B SEP		1			43997	10/28/20 16:02	KNC	TAL KNX
	Instrument ID:	DUO								
Step 7	Prep	Residual			1.000 g	50 mL	43637	10/20/20 08:00	KNC	TAL KNX
Step 7	Analysis	6010B SEP		1			44042	10/29/20 12:52	KNC	TAL KNX
	Instrument ID:	DUO								

Laboratory References:

TAL KNX = Eurofins TestAmerica, Knoxville, 5815 Middlebrook Pike, Knoxville, TN 37921, TEL (865)291-3000

Analyst References:

Lab: TAL KNX
- Batch Type: SEP
  - KNC = Kerry Collins
- Batch Type: Prep
  - KNC = Kerry Collins
- Batch Type: Analysis
  - DKW = Donna Wilburn
  - KNC = Kerry Collins

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley GW7327

Job ID: 180-109917-1

Client Sample ID: PB-3 57-61

Date Collected: 07/14/20 11:05
Date Received: 08/21/20 09:45

Lab Sample ID: 180-109917-1

Matrix: Solid
Percent Solids: 99.1

Method: 6010B SEP - SEP Metals (ICP) - Step 1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	<0.61		10	0.61	mg/Kg	☼	09/29/20 08:00	10/27/20 12:12	4

Method: 6010B SEP - SEP Metals (ICP) - Step 2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	<0.45		7.6	0.45	mg/Kg	☼	10/13/20 08:00	10/27/20 13:53	3

Method: 6010B SEP - SEP Metals (ICP) - Step 3

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	**0.37**	**J**	2.5	0.15	mg/Kg	☼	10/14/20 08:00	10/27/20 15:39	1

Method: 6010B SEP - SEP Metals (ICP) - Step 4

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	**1.3**	**J**	5.0	0.30	mg/Kg	☼	10/15/20 08:00	10/28/20 16:31	2

Method: 6010B SEP - SEP Metals (ICP) - Step 5

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	**2.7**	**J**	38	2.2	mg/Kg	☼	10/19/20 08:00	10/28/20 13:46	5

Method: 6010B SEP - SEP Metals (ICP) - Step 6

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	**1.8**	**J**	2.5	0.15	mg/Kg	☼	10/19/20 08:00	10/28/20 15:32	1

Method: 6010B SEP - SEP Metals (ICP) - Step 7

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	**11**		2.5	0.15	mg/Kg	☼	10/20/20 08:00	10/29/20 12:12	1

Method: 6010B SEP - SEP Metals (ICP) - Sum of Steps 1-7

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	**17**		2.5	0.15	mg/Kg			11/02/20 10:23	1

Method: 6010B - SEP Metals (ICP) - Total

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	**17**		13	0.76	mg/Kg	☼	09/28/20 08:00	10/29/20 16:33	5

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley GW7327

Job ID: 180-109917-1

Client Sample ID: PB-3 47-52

Date Collected: 07/14/20 11:00
Date Received: 08/21/20 09:45

Lab Sample ID: 180-109917-2

Matrix: Solid
Percent Solids: 99.5

Method: 6010B SEP - SEP Metals (ICP) - Step 1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	<0.60		10	0.60	mg/Kg	☼	09/29/20 08:00	10/27/20 12:17	4

Method: 6010B SEP - SEP Metals (ICP) - Step 2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	<0.45		7.5	0.45	mg/Kg	☼	10/13/20 08:00	10/27/20 13:58	3

Method: 6010B SEP - SEP Metals (ICP) - Step 3

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	**0.20**	**J**	2.5	0.15	mg/Kg	☼	10/14/20 08:00	10/27/20 15:44	1

Method: 6010B SEP - SEP Metals (ICP) - Step 4

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	**5.7**		2.5	0.15	mg/Kg	☼	10/15/20 08:00	10/28/20 12:04	1

Method: 6010B SEP - SEP Metals (ICP) - Step 5

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	**3.1**	**J**	38	2.2	mg/Kg	☼	10/19/20 08:00	10/28/20 13:51	5

Method: 6010B SEP - SEP Metals (ICP) - Step 6

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	**4.1**		2.5	0.15	mg/Kg	☼	10/19/20 08:00	10/28/20 15:37	1

Method: 6010B SEP - SEP Metals (ICP) - Step 7

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	**10**		2.5	0.15	mg/Kg	☼	10/20/20 08:00	10/29/20 12:17	1

Method: 6010B SEP - SEP Metals (ICP) - Sum of Steps 1-7

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	**23**		2.5	0.15	mg/Kg			11/02/20 10:23	1

Method: 6010B - SEP Metals (ICP) - Total

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	**22**		13	0.75	mg/Kg	☼	09/28/20 08:00	10/29/20 16:38	5

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley GW7327

Job ID: 180-109917-1

Client Sample ID: PB-4 49-59

Date Collected: 07/14/20 12:10
Date Received: 08/21/20 09:45

Lab Sample ID: 180-109917-3

Matrix: Solid
Percent Solids: 99.1

Method: 6010B SEP - SEP Metals (ICP) - Step 1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	<0.61		10	0.61	mg/Kg	☼	09/29/20 08:00	10/27/20 12:36	4

Method: 6010B SEP - SEP Metals (ICP) - Step 2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	<0.45		7.6	0.45	mg/Kg	☼	10/13/20 08:00	10/27/20 14:03	3

Method: 6010B SEP - SEP Metals (ICP) - Step 3

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	**0.23**	**J**	2.5	0.15	mg/Kg	☼	10/14/20 08:00	10/27/20 15:49	1

Method: 6010B SEP - SEP Metals (ICP) - Step 4

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	**8.1**		2.5	0.15	mg/Kg	☼	10/15/20 08:00	10/28/20 12:28	1

Method: 6010B SEP - SEP Metals (ICP) - Step 5

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	**3.2**	**J**	38	2.2	mg/Kg	☼	10/19/20 08:00	10/28/20 13:56	5

Method: 6010B SEP - SEP Metals (ICP) - Step 6

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	**4.7**	**J**	5.0	0.30	mg/Kg	☼	10/19/20 08:00	10/28/20 16:40	2

Method: 6010B SEP - SEP Metals (ICP) - Step 7

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	**14**		2.5	0.15	mg/Kg	☼	10/20/20 08:00	10/29/20 12:32	1

Method: 6010B SEP - SEP Metals (ICP) - Sum of Steps 1-7

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	**31**		2.5	0.15	mg/Kg			11/02/20 10:23	1

Method: 6010B - SEP Metals (ICP) - Total

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	**36**		13	0.76	mg/Kg	☼	09/28/20 08:00	10/29/20 16:43	5

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley GW7327

Job ID: 180-109917-1

Client Sample ID: PB-4 64-68

Date Collected: 07/14/20 12:15
Date Received: 08/21/20 09:45

Lab Sample ID: 180-109917-4

Matrix: Solid
Percent Solids: 98.8

Method: 6010B SEP - SEP Metals (ICP) - Step 1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	<0.61		10	0.61	mg/Kg	☼	09/29/20 08:00	10/27/20 12:41	4

Method: 6010B SEP - SEP Metals (ICP) - Step 2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	0.56	J	7.6	0.46	mg/Kg	☼	10/13/20 08:00	10/27/20 14:07	3

Method: 6010B SEP - SEP Metals (ICP) - Step 3

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	0.52	J	2.5	0.15	mg/Kg	☼	10/14/20 08:00	10/27/20 15:54	1

Method: 6010B SEP - SEP Metals (ICP) - Step 4

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	8.1		2.5	0.15	mg/Kg	☼	10/15/20 08:00	10/28/20 12:33	1

Method: 6010B SEP - SEP Metals (ICP) - Step 5

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	3.7	J	38	2.2	mg/Kg	☼	10/19/20 08:00	10/28/20 14:00	5

Method: 6010B SEP - SEP Metals (ICP) - Step 6

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	14		2.5	0.15	mg/Kg	☼	10/19/20 08:00	10/28/20 15:47	1

Method: 6010B SEP - SEP Metals (ICP) - Step 7

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	10		2.5	0.15	mg/Kg	☼	10/20/20 08:00	10/29/20 12:37	1

Method: 6010B SEP - SEP Metals (ICP) - Sum of Steps 1-7

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	37		2.5	0.15	mg/Kg			11/02/20 10:23	1

Method: 6010B - SEP Metals (ICP) - Total

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	43		13	0.76	mg/Kg	☼	09/28/20 08:00	10/29/20 16:47	5

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley GW7327

Job ID: 180-109917-1

Client Sample ID: PB-4 73-80

Date Collected: 07/14/20 12:20
Date Received: 08/21/20 09:45

Lab Sample ID: 180-109917-5

Matrix: Solid
Percent Solids: 99.6

Method: 6010B SEP - SEP Metals (ICP) - Step 1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	<0.60		10	0.60	mg/Kg	☼	09/29/20 08:00	10/27/20 12:45	4

Method: 6010B SEP - SEP Metals (ICP) - Step 2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	<0.45		7.5	0.45	mg/Kg	☼	10/13/20 08:00	10/27/20 14:12	3

Method: 6010B SEP - SEP Metals (ICP) - Step 3

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	**0.25**	**J**	2.5	0.15	mg/Kg	☼	10/14/20 08:00	10/27/20 15:58	1

Method: 6010B SEP - SEP Metals (ICP) - Step 4

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	**6.7**		5.0	0.30	mg/Kg	☼	10/15/20 08:00	10/28/20 16:36	2

Method: 6010B SEP - SEP Metals (ICP) - Step 5

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	**3.9**	**J**	38	2.2	mg/Kg	☼	10/19/20 08:00	10/28/20 14:05	5

Method: 6010B SEP - SEP Metals (ICP) - Step 6

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	**7.9**		2.5	0.15	mg/Kg	☼	10/19/20 08:00	10/28/20 15:52	1

Method: 6010B SEP - SEP Metals (ICP) - Step 7

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	**14**		2.5	0.15	mg/Kg	☼	10/20/20 08:00	10/29/20 12:42	1

Method: 6010B SEP - SEP Metals (ICP) - Sum of Steps 1-7

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	**32**		2.5	0.15	mg/Kg			11/02/20 10:23	1

Method: 6010B - SEP Metals (ICP) - Total

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	**36**		13	0.75	mg/Kg	☼	09/28/20 08:00	10/29/20 16:52	5

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley GW7327

Job ID: 180-109917-1

Client Sample ID: PB-7 144-154

Date Collected: 07/14/20 12:45
Date Received: 08/21/20 09:45

Lab Sample ID: 180-109917-6

Matrix: Solid
Percent Solids: 99.7

Method: 6010B SEP - SEP Metals (ICP) - Step 1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	<0.60		10	0.60	mg/Kg	☼	09/29/20 08:00	10/27/20 12:50	4

Method: 6010B SEP - SEP Metals (ICP) - Step 2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	0.69	J	7.5	0.45	mg/Kg	☼	10/13/20 08:00	10/27/20 14:31	3

Method: 6010B SEP - SEP Metals (ICP) - Step 3

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	0.57	J	2.5	0.15	mg/Kg	☼	10/14/20 08:00	10/27/20 16:03	1

Method: 6010B SEP - SEP Metals (ICP) - Step 4

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	11		2.5	0.15	mg/Kg	☼	10/15/20 08:00	10/28/20 12:43	1

Method: 6010B SEP - SEP Metals (ICP) - Step 5

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	6.9	J	38	2.2	mg/Kg	☼	10/19/20 08:00	10/28/20 14:25	5

Method: 6010B SEP - SEP Metals (ICP) - Step 6

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	69		2.5	0.15	mg/Kg	☼	10/19/20 08:00	10/28/20 15:57	1

Method: 6010B SEP - SEP Metals (ICP) - Step 7

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	53		2.5	0.15	mg/Kg	☼	10/20/20 08:00	10/29/20 12:46	1

Method: 6010B SEP - SEP Metals (ICP) - Sum of Steps 1-7

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	140		2.5	0.15	mg/Kg			11/02/20 10:23	1

Method: 6010B - SEP Metals (ICP) - Total

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	130		2.5	0.15	mg/Kg	☼	09/28/20 08:00	10/29/20 14:36	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley GW7327

Job ID: 180-109917-1

Client Sample ID: PB-8 135-145

Date Collected: 07/14/20 15:15
Date Received: 08/21/20 09:45

Lab Sample ID: 180-109917-7

Matrix: Solid
Percent Solids: 99.5

Method: 6010B SEP - SEP Metals (ICP) - Step 1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	<0.60		10	0.60	mg/Kg	☼	09/29/20 08:00	10/27/20 12:55	4

Method: 6010B SEP - SEP Metals (ICP) - Step 2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	0.63	J	7.5	0.45	mg/Kg	☼	10/13/20 08:00	10/27/20 14:36	3

Method: 6010B SEP - SEP Metals (ICP) - Step 3

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	0.34	J	2.5	0.15	mg/Kg	☼	10/14/20 08:00	10/27/20 16:08	1

Method: 6010B SEP - SEP Metals (ICP) - Step 4

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	2.3	J	2.5	0.15	mg/Kg	☼	10/15/20 08:00	10/28/20 12:48	1

Method: 6010B SEP - SEP Metals (ICP) - Step 5

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	2.6	J	38	2.2	mg/Kg	☼	10/19/20 08:00	10/28/20 14:30	5

Method: 6010B SEP - SEP Metals (ICP) - Step 6

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	35		2.5	0.15	mg/Kg	☼	10/19/20 08:00	10/28/20 16:02	1

Method: 6010B SEP - SEP Metals (ICP) - Step 7

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	18		2.5	0.15	mg/Kg	☼	10/20/20 08:00	10/29/20 12:52	1

Method: 6010B SEP - SEP Metals (ICP) - Sum of Steps 1-7

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	59		2.5	0.15	mg/Kg			11/02/20 10:23	1

Method: 6010B - SEP Metals (ICP) - Total

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	53		2.5	0.15	mg/Kg	☼	09/28/20 08:00	10/29/20 14:42	1

QC Sample Results

Client: Southern Company
Project/Site: Plant Wansley GW7327

Job ID: 180-109917-1

Method: 6010B - SEP Metals (ICP) - Total

Lab Sample ID: MB 140-43059/14-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 44042 — **Prep Batch: 43059**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	<0.15		2.5	0.15	mg/Kg		09/28/20 08:00	10/29/20 10:56	1

Lab Sample ID: LCS 140-43059/15-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 44042 — **Prep Batch: 43059**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Lithium	5.00	5.17		mg/Kg		103	75 - 125

Lab Sample ID: LCSD 140-43059/16-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 44042 — **Prep Batch: 43059**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Lithium	5.00	5.03		mg/Kg		101	75 - 125	3	30

Method: 6010B SEP - SEP Metals (ICP)

Lab Sample ID: MB 140-43060/14-B ^4 — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Step 1**
Analysis Batch: 43944 — **Prep Batch: 43133**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	<0.60		10	0.60	mg/Kg		09/29/20 08:00	10/27/20 11:39	4

Lab Sample ID: LCS 140-43060/15-B ^5 — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Step 1**
Analysis Batch: 43944 — **Prep Batch: 43133**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Lithium	5.00	5.09	J	mg/Kg		102	75 - 125

Lab Sample ID: LCSD 140-43060/16-B ^5 — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Step 1**
Analysis Batch: 43944 — **Prep Batch: 43133**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Lithium	5.00	4.61	J	mg/Kg		92	75 - 125	10	30

Lab Sample ID: MB 140-43447/14-B ^3 — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Step 2**
Analysis Batch: 43944 — **Prep Batch: 43460**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	<0.45		7.5	0.45	mg/Kg		10/13/20 08:00	10/27/20 13:09	3

Method: 6010B SEP - SEP Metals (ICP) (Continued)

Lab Sample ID: LCS 140-43447/15-B ^5 — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Step 2**
Analysis Batch: 43944 — **Prep Batch: 43460**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Lithium	5.00	4.57	J	mg/Kg		91	75 - 125

Lab Sample ID: LCSD 140-43447/16-B ^5 — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Step 2**
Analysis Batch: 43944 — **Prep Batch: 43460**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Lithium	5.00	4.38	J	mg/Kg		88	75 - 125	4	30

Lab Sample ID: MB 140-43465/14-B — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Step 3**
Analysis Batch: 43944 — **Prep Batch: 43495**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	<0.15		2.5	0.15	mg/Kg		10/14/20 08:00	10/27/20 14:51	1

Lab Sample ID: LCS 140-43465/15-B — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Step 3**
Analysis Batch: 43944 — **Prep Batch: 43495**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Lithium	5.00	5.29		mg/Kg		106	75 - 125

Lab Sample ID: LCSD 140-43465/16-B — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Step 3**
Analysis Batch: 43944 — **Prep Batch: 43495**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Lithium	5.00	5.17		mg/Kg		103	75 - 125	2	30

Lab Sample ID: MB 140-43496/14-B — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Step 4**
Analysis Batch: 43997 — **Prep Batch: 43539**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	<0.15		2.5	0.15	mg/Kg		10/15/20 08:00	10/28/20 11:26	1

Lab Sample ID: LCS 140-43496/15-B — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Step 4**
Analysis Batch: 43997 — **Prep Batch: 43539**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Lithium	5.00	5.32		mg/Kg		106	75 - 125

Lab Sample ID: LCSD 140-43496/16-B — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Step 4**
Analysis Batch: 43997 — **Prep Batch: 43539**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Lithium	5.00	5.20		mg/Kg		104	75 - 125	2	30

QC Sample Results

Client: Southern Company
Project/Site: Plant Wansley GW7327

Job ID: 180-109917-1

Method: 6010B SEP - SEP Metals (ICP)

Lab Sample ID: MB 140-43540/14-B ^5 — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Step 5**
Analysis Batch: 43997 — **Prep Batch: 43604**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	<2.2		38	2.2	mg/Kg		10/19/20 08:00	10/28/20 13:02	5

Lab Sample ID: LCS 140-43540/15-B ^5 — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Step 5**
Analysis Batch: 43997 — **Prep Batch: 43604**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Lithium	15.0	16.4	J	mg/Kg		109	75 - 125

Lab Sample ID: LCSD 140-43540/16-B ^5 — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Step 5**
Analysis Batch: 43997 — **Prep Batch: 43604**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Lithium	15.0	17.4	J	mg/Kg		116	75 - 125	6	30

Lab Sample ID: MB 140-43605/14-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Step 6**
Analysis Batch: 43997 — **Prep Batch: 43605**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	<0.15		2.5	0.15	mg/Kg		10/19/20 08:00	10/28/20 14:45	1

Lab Sample ID: LCS 140-43605/15-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Step 6**
Analysis Batch: 43997 — **Prep Batch: 43605**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Lithium	5.00	4.96		mg/Kg		99	75 - 125

Lab Sample ID: LCSD 140-43605/16-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Step 6**
Analysis Batch: 43997 — **Prep Batch: 43605**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Lithium	5.00	5.03		mg/Kg		101	75 - 125	1	30

Lab Sample ID: MB 140-43637/14-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Step 7**
Analysis Batch: 44042 — **Prep Batch: 43637**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	<0.15		2.5	0.15	mg/Kg		10/20/20 08:00	10/29/20 10:42	1

Lab Sample ID: LCS 140-43637/15-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Step 7**
Analysis Batch: 44042 — **Prep Batch: 43637**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Lithium	5.00	5.04		mg/Kg		101	75 - 125

QC Sample Results

Client: Southern Company
Project/Site: Plant Wansley GW7327

Job ID: 180-109917-1

Method: 6010B SEP - SEP Metals (ICP)

Lab Sample ID: LCSD 140-43637/16-A
Matrix: Solid
Analysis Batch: 44042

Client Sample ID: Lab Control Sample Dup
Prep Type: Step 7
Prep Batch: 43637

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Lithium			5.00	5.05		mg/Kg		101	75 - 125	0	30

QC Association Summary

Client: Southern Company
Project/Site: Plant Wansley GW7327

Job ID: 180-109917-1

Metals

Prep Batch: 43059

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-109917-1	PB-3 57-61	Total/NA	Solid	Total	
180-109917-2	PB-3 47-52	Total/NA	Solid	Total	
180-109917-3	PB-4 49-59	Total/NA	Solid	Total	
180-109917-4	PB-4 64-68	Total/NA	Solid	Total	
180-109917-5	PB-4 73-80	Total/NA	Solid	Total	
180-109917-6	PB-7 144-154	Total/NA	Solid	Total	
180-109917-7	PB-8 135-145	Total/NA	Solid	Total	
MB 140-43059/14-A	Method Blank	Total/NA	Solid	Total	
LCS 140-43059/15-A	Lab Control Sample	Total/NA	Solid	Total	
LCSD 140-43059/16-A	Lab Control Sample Dup	Total/NA	Solid	Total	

SEP Batch: 43060

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-109917-1	PB-3 57-61	Step 1	Solid	Exchangeable	
180-109917-2	PB-3 47-52	Step 1	Solid	Exchangeable	
180-109917-3	PB-4 49-59	Step 1	Solid	Exchangeable	
180-109917-4	PB-4 64-68	Step 1	Solid	Exchangeable	
180-109917-5	PB-4 73-80	Step 1	Solid	Exchangeable	
180-109917-6	PB-7 144-154	Step 1	Solid	Exchangeable	
180-109917-7	PB-8 135-145	Step 1	Solid	Exchangeable	
MB 140-43060/14-B ^4	Method Blank	Step 1	Solid	Exchangeable	
LCS 140-43060/15-B ^5	Lab Control Sample	Step 1	Solid	Exchangeable	
LCSD 140-43060/16-B ^5	Lab Control Sample Dup	Step 1	Solid	Exchangeable	

Prep Batch: 43133

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-109917-1	PB-3 57-61	Step 1	Solid	3010A	43060
180-109917-2	PB-3 47-52	Step 1	Solid	3010A	43060
180-109917-3	PB-4 49-59	Step 1	Solid	3010A	43060
180-109917-4	PB-4 64-68	Step 1	Solid	3010A	43060
180-109917-5	PB-4 73-80	Step 1	Solid	3010A	43060
180-109917-6	PB-7 144-154	Step 1	Solid	3010A	43060
180-109917-7	PB-8 135-145	Step 1	Solid	3010A	43060
MB 140-43060/14-B ^4	Method Blank	Step 1	Solid	3010A	43060
LCS 140-43060/15-B ^5	Lab Control Sample	Step 1	Solid	3010A	43060
LCSD 140-43060/16-B ^5	Lab Control Sample Dup	Step 1	Solid	3010A	43060

SEP Batch: 43447

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-109917-1	PB-3 57-61	Step 2	Solid	Carbonate	
180-109917-2	PB-3 47-52	Step 2	Solid	Carbonate	
180-109917-3	PB-4 49-59	Step 2	Solid	Carbonate	
180-109917-4	PB-4 64-68	Step 2	Solid	Carbonate	
180-109917-5	PB-4 73-80	Step 2	Solid	Carbonate	
180-109917-6	PB-7 144-154	Step 2	Solid	Carbonate	
180-109917-7	PB-8 135-145	Step 2	Solid	Carbonate	
MB 140-43447/14-B ^3	Method Blank	Step 2	Solid	Carbonate	
LCS 140-43447/15-B ^5	Lab Control Sample	Step 2	Solid	Carbonate	
LCSD 140-43447/16-B ^5	Lab Control Sample Dup	Step 2	Solid	Carbonate	

QC Association Summary

Client: Southern Company
Project/Site: Plant Wansley GW7327

Job ID: 180-109917-1

Metals

Prep Batch: 43460

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-109917-1	PB-3 57-61	Step 2	Solid	3010A	43447
180-109917-2	PB-3 47-52	Step 2	Solid	3010A	43447
180-109917-3	PB-4 49-59	Step 2	Solid	3010A	43447
180-109917-4	PB-4 64-68	Step 2	Solid	3010A	43447
180-109917-5	PB-4 73-80	Step 2	Solid	3010A	43447
180-109917-6	PB-7 144-154	Step 2	Solid	3010A	43447
180-109917-7	PB-8 135-145	Step 2	Solid	3010A	43447
MB 140-43447/14-B ^3	Method Blank	Step 2	Solid	3010A	43447
LCS 140-43447/15-B ^5	Lab Control Sample	Step 2	Solid	3010A	43447
LCSD 140-43447/16-B ^5	Lab Control Sample Dup	Step 2	Solid	3010A	43447

SEP Batch: 43465

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-109917-1	PB-3 57-61	Step 3	Solid	Non-Crystalline	
180-109917-2	PB-3 47-52	Step 3	Solid	Non-Crystalline	
180-109917-3	PB-4 49-59	Step 3	Solid	Non-Crystalline	
180-109917-4	PB-4 64-68	Step 3	Solid	Non-Crystalline	
180-109917-5	PB-4 73-80	Step 3	Solid	Non-Crystalline	
180-109917-6	PB-7 144-154	Step 3	Solid	Non-Crystalline	
180-109917-7	PB-8 135-145	Step 3	Solid	Non-Crystalline	
MB 140-43465/14-B	Method Blank	Step 3	Solid	Non-Crystalline	
LCS 140-43465/15-B	Lab Control Sample	Step 3	Solid	Non-Crystalline	
LCSD 140-43465/16-B	Lab Control Sample Dup	Step 3	Solid	Non-Crystalline	

Prep Batch: 43495

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-109917-1	PB-3 57-61	Step 3	Solid	3010A	43465
180-109917-2	PB-3 47-52	Step 3	Solid	3010A	43465
180-109917-3	PB-4 49-59	Step 3	Solid	3010A	43465
180-109917-4	PB-4 64-68	Step 3	Solid	3010A	43465
180-109917-5	PB-4 73-80	Step 3	Solid	3010A	43465
180-109917-6	PB-7 144-154	Step 3	Solid	3010A	43465
180-109917-7	PB-8 135-145	Step 3	Solid	3010A	43465
MB 140-43465/14-B	Method Blank	Step 3	Solid	3010A	43465
LCS 140-43465/15-B	Lab Control Sample	Step 3	Solid	3010A	43465
LCSD 140-43465/16-B	Lab Control Sample Dup	Step 3	Solid	3010A	43465

SEP Batch: 43496

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-109917-1	PB-3 57-61	Step 4	Solid	Metal Hydroxide	
180-109917-2	PB-3 47-52	Step 4	Solid	Metal Hydroxide	
180-109917-3	PB-4 49-59	Step 4	Solid	Metal Hydroxide	
180-109917-4	PB-4 64-68	Step 4	Solid	Metal Hydroxide	
180-109917-5	PB-4 73-80	Step 4	Solid	Metal Hydroxide	
180-109917-6	PB-7 144-154	Step 4	Solid	Metal Hydroxide	
180-109917-7	PB-8 135-145	Step 4	Solid	Metal Hydroxide	
MB 140-43496/14-B	Method Blank	Step 4	Solid	Metal Hydroxide	
LCS 140-43496/15-B	Lab Control Sample	Step 4	Solid	Metal Hydroxide	
LCSD 140-43496/16-B	Lab Control Sample Dup	Step 4	Solid	Metal Hydroxide	

QC Association Summary

Client: Southern Company
Project/Site: Plant Wansley GW7327

Job ID: 180-109917-1

Metals

Prep Batch: 43539

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-109917-1	PB-3 57-61	Step 4	Solid	3010A	43496
180-109917-2	PB-3 47-52	Step 4	Solid	3010A	43496
180-109917-3	PB-4 49-59	Step 4	Solid	3010A	43496
180-109917-4	PB-4 64-68	Step 4	Solid	3010A	43496
180-109917-5	PB-4 73-80	Step 4	Solid	3010A	43496
180-109917-6	PB-7 144-154	Step 4	Solid	3010A	43496
180-109917-7	PB-8 135-145	Step 4	Solid	3010A	43496
MB 140-43496/14-B	Method Blank	Step 4	Solid	3010A	43496
LCS 140-43496/15-B	Lab Control Sample	Step 4	Solid	3010A	43496
LCSD 140-43496/16-B	Lab Control Sample Dup	Step 4	Solid	3010A	43496

SEP Batch: 43540

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-109917-1	PB-3 57-61	Step 5	Solid	Organic-Bound	
180-109917-2	PB-3 47-52	Step 5	Solid	Organic-Bound	
180-109917-3	PB-4 49-59	Step 5	Solid	Organic-Bound	
180-109917-4	PB-4 64-68	Step 5	Solid	Organic-Bound	
180-109917-5	PB-4 73-80	Step 5	Solid	Organic-Bound	
180-109917-6	PB-7 144-154	Step 5	Solid	Organic-Bound	
180-109917-7	PB-8 135-145	Step 5	Solid	Organic-Bound	
MB 140-43540/14-B ^5	Method Blank	Step 5	Solid	Organic-Bound	
LCS 140-43540/15-B ^5	Lab Control Sample	Step 5	Solid	Organic-Bound	
LCSD 140-43540/16-B ^5	Lab Control Sample Dup	Step 5	Solid	Organic-Bound	

Prep Batch: 43604

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-109917-1	PB-3 57-61	Step 5	Solid	3010A	43540
180-109917-2	PB-3 47-52	Step 5	Solid	3010A	43540
180-109917-3	PB-4 49-59	Step 5	Solid	3010A	43540
180-109917-4	PB-4 64-68	Step 5	Solid	3010A	43540
180-109917-5	PB-4 73-80	Step 5	Solid	3010A	43540
180-109917-6	PB-7 144-154	Step 5	Solid	3010A	43540
180-109917-7	PB-8 135-145	Step 5	Solid	3010A	43540
MB 140-43540/14-B ^5	Method Blank	Step 5	Solid	3010A	43540
LCS 140-43540/15-B ^5	Lab Control Sample	Step 5	Solid	3010A	43540
LCSD 140-43540/16-B ^5	Lab Control Sample Dup	Step 5	Solid	3010A	43540

SEP Batch: 43605

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-109917-1	PB-3 57-61	Step 6	Solid	Acid/Sulfide	
180-109917-2	PB-3 47-52	Step 6	Solid	Acid/Sulfide	
180-109917-3	PB-4 49-59	Step 6	Solid	Acid/Sulfide	
180-109917-4	PB-4 64-68	Step 6	Solid	Acid/Sulfide	
180-109917-5	PB-4 73-80	Step 6	Solid	Acid/Sulfide	
180-109917-6	PB-7 144-154	Step 6	Solid	Acid/Sulfide	
180-109917-7	PB-8 135-145	Step 6	Solid	Acid/Sulfide	
MB 140-43605/14-A	Method Blank	Step 6	Solid	Acid/Sulfide	
LCS 140-43605/15-A	Lab Control Sample	Step 6	Solid	Acid/Sulfide	
LCSD 140-43605/16-A	Lab Control Sample Dup	Step 6	Solid	Acid/Sulfide	

QC Association Summary

Client: Southern Company
Project/Site: Plant Wansley GW7327

Job ID: 180-109917-1

Metals

Prep Batch: 43637

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-109917-1	PB-3 57-61	Step 7	Solid	Residual	
180-109917-2	PB-3 47-52	Step 7	Solid	Residual	
180-109917-3	PB-4 49-59	Step 7	Solid	Residual	
180-109917-4	PB-4 64-68	Step 7	Solid	Residual	
180-109917-5	PB-4 73-80	Step 7	Solid	Residual	
180-109917-6	PB-7 144-154	Step 7	Solid	Residual	
180-109917-7	PB-8 135-145	Step 7	Solid	Residual	
MB 140-43637/14-A	Method Blank	Step 7	Solid	Residual	
LCS 140-43637/15-A	Lab Control Sample	Step 7	Solid	Residual	
LCSD 140-43637/16-A	Lab Control Sample Dup	Step 7	Solid	Residual	

Analysis Batch: 43944

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-109917-1	PB-3 57-61	Step 1	Solid	6010B SEP	43133
180-109917-1	PB-3 57-61	Step 2	Solid	6010B SEP	43460
180-109917-1	PB-3 57-61	Step 3	Solid	6010B SEP	43495
180-109917-2	PB-3 47-52	Step 1	Solid	6010B SEP	43133
180-109917-2	PB-3 47-52	Step 2	Solid	6010B SEP	43460
180-109917-2	PB-3 47-52	Step 3	Solid	6010B SEP	43495
180-109917-3	PB-4 49-59	Step 1	Solid	6010B SEP	43133
180-109917-3	PB-4 49-59	Step 2	Solid	6010B SEP	43460
180-109917-3	PB-4 49-59	Step 3	Solid	6010B SEP	43495
180-109917-4	PB-4 64-68	Step 1	Solid	6010B SEP	43133
180-109917-4	PB-4 64-68	Step 2	Solid	6010B SEP	43460
180-109917-4	PB-4 64-68	Step 3	Solid	6010B SEP	43495
180-109917-5	PB-4 73-80	Step 1	Solid	6010B SEP	43133
180-109917-5	PB-4 73-80	Step 2	Solid	6010B SEP	43460
180-109917-5	PB-4 73-80	Step 3	Solid	6010B SEP	43495
180-109917-6	PB-7 144-154	Step 1	Solid	6010B SEP	43133
180-109917-6	PB-7 144-154	Step 2	Solid	6010B SEP	43460
180-109917-6	PB-7 144-154	Step 3	Solid	6010B SEP	43495
180-109917-7	PB-8 135-145	Step 1	Solid	6010B SEP	43133
180-109917-7	PB-8 135-145	Step 2	Solid	6010B SEP	43460
180-109917-7	PB-8 135-145	Step 3	Solid	6010B SEP	43495
MB 140-43060/14-B ^4	Method Blank	Step 1	Solid	6010B SEP	43133
MB 140-43447/14-B ^3	Method Blank	Step 2	Solid	6010B SEP	43460
MB 140-43465/14-B	Method Blank	Step 3	Solid	6010B SEP	43495
LCS 140-43060/15-B ^5	Lab Control Sample	Step 1	Solid	6010B SEP	43133
LCS 140-43447/15-B ^5	Lab Control Sample	Step 2	Solid	6010B SEP	43460
LCS 140-43465/15-B	Lab Control Sample	Step 3	Solid	6010B SEP	43495
LCSD 140-43060/16-B ^5	Lab Control Sample Dup	Step 1	Solid	6010B SEP	43133
LCSD 140-43447/16-B ^5	Lab Control Sample Dup	Step 2	Solid	6010B SEP	43460
LCSD 140-43465/16-B	Lab Control Sample Dup	Step 3	Solid	6010B SEP	43495

Analysis Batch: 43997

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-109917-1	PB-3 57-61	Step 4	Solid	6010B SEP	43539
180-109917-1	PB-3 57-61	Step 5	Solid	6010B SEP	43604
180-109917-1	PB-3 57-61	Step 6	Solid	6010B SEP	43605
180-109917-2	PB-3 47-52	Step 4	Solid	6010B SEP	43539
180-109917-2	PB-3 47-52	Step 5	Solid	6010B SEP	43604

Metals (Continued)

Analysis Batch: 43997 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-109917-2	PB-3 47-52	Step 6	Solid	6010B SEP	43605
180-109917-3	PB-4 49-59	Step 4	Solid	6010B SEP	43539
180-109917-3	PB-4 49-59	Step 5	Solid	6010B SEP	43604
180-109917-3	PB-4 49-59	Step 6	Solid	6010B SEP	43605
180-109917-4	PB-4 64-68	Step 4	Solid	6010B SEP	43539
180-109917-4	PB-4 64-68	Step 5	Solid	6010B SEP	43604
180-109917-4	PB-4 64-68	Step 6	Solid	6010B SEP	43605
180-109917-5	PB-4 73-80	Step 4	Solid	6010B SEP	43539
180-109917-5	PB-4 73-80	Step 5	Solid	6010B SEP	43604
180-109917-5	PB-4 73-80	Step 6	Solid	6010B SEP	43605
180-109917-6	PB-7 144-154	Step 4	Solid	6010B SEP	43539
180-109917-6	PB-7 144-154	Step 5	Solid	6010B SEP	43604
180-109917-6	PB-7 144-154	Step 6	Solid	6010B SEP	43605
180-109917-7	PB-8 135-145	Step 4	Solid	6010B SEP	43539
180-109917-7	PB-8 135-145	Step 5	Solid	6010B SEP	43604
180-109917-7	PB-8 135-145	Step 6	Solid	6010B SEP	43605
MB 140-43496/14-B	Method Blank	Step 4	Solid	6010B SEP	43539
MB 140-43540/14-B ^5	Method Blank	Step 5	Solid	6010B SEP	43604
MB 140-43605/14-A	Method Blank	Step 6	Solid	6010B SEP	43605
LCS 140-43496/15-B	Lab Control Sample	Step 4	Solid	6010B SEP	43539
LCS 140-43540/15-B ^5	Lab Control Sample	Step 5	Solid	6010B SEP	43604
LCS 140-43605/15-A	Lab Control Sample	Step 6	Solid	6010B SEP	43605
LCSD 140-43496/16-B	Lab Control Sample Dup	Step 4	Solid	6010B SEP	43539
LCSD 140-43540/16-B ^5	Lab Control Sample Dup	Step 5	Solid	6010B SEP	43604
LCSD 140-43605/16-A	Lab Control Sample Dup	Step 6	Solid	6010B SEP	43605

Analysis Batch: 44042

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-109917-1	PB-3 57-61	Step 7	Solid	6010B SEP	43637
180-109917-1	PB-3 57-61	Total/NA	Solid	6010B	43059
180-109917-2	PB-3 47-52	Step 7	Solid	6010B SEP	43637
180-109917-2	PB-3 47-52	Total/NA	Solid	6010B	43059
180-109917-3	PB-4 49-59	Step 7	Solid	6010B SEP	43637
180-109917-3	PB-4 49-59	Total/NA	Solid	6010B	43059
180-109917-4	PB-4 64-68	Step 7	Solid	6010B SEP	43637
180-109917-4	PB-4 64-68	Total/NA	Solid	6010B	43059
180-109917-5	PB-4 73-80	Step 7	Solid	6010B SEP	43637
180-109917-5	PB-4 73-80	Total/NA	Solid	6010B	43059
180-109917-6	PB-7 144-154	Step 7	Solid	6010B SEP	43637
180-109917-6	PB-7 144-154	Total/NA	Solid	6010B	43059
180-109917-7	PB-8 135-145	Step 7	Solid	6010B SEP	43637
180-109917-7	PB-8 135-145	Total/NA	Solid	6010B	43059
MB 140-43059/14-A	Method Blank	Total/NA	Solid	6010B	43059
MB 140-43637/14-A	Method Blank	Step 7	Solid	6010B SEP	43637
LCS 140-43059/15-A	Lab Control Sample	Total/NA	Solid	6010B	43059
LCS 140-43637/15-A	Lab Control Sample	Step 7	Solid	6010B SEP	43637
LCSD 140-43059/16-A	Lab Control Sample Dup	Total/NA	Solid	6010B	43059
LCSD 140-43637/16-A	Lab Control Sample Dup	Step 7	Solid	6010B SEP	43637

QC Association Summary

Client: Southern Company
Project/Site: Plant Wansley GW7327

Job ID: 180-109917-1

Metals

Analysis Batch: 44105

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-109917-1	PB-3 57-61	Sum of Steps 1-7	Solid	6010B SEP	
180-109917-2	PB-3 47-52	Sum of Steps 1-7	Solid	6010B SEP	
180-109917-3	PB-4 49-59	Sum of Steps 1-7	Solid	6010B SEP	
180-109917-4	PB-4 64-68	Sum of Steps 1-7	Solid	6010B SEP	
180-109917-5	PB-4 73-80	Sum of Steps 1-7	Solid	6010B SEP	
180-109917-6	PB-7 144-154	Sum of Steps 1-7	Solid	6010B SEP	
180-109917-7	PB-8 135-145	Sum of Steps 1-7	Solid	6010B SEP	

4101 Shuffel Street NW
North Canton, OH 44720-6900
Phone (330) 497-9396

44153

Chain of Custody Record

eurofins Environment Testing America

Client Information	Sampler: Taylor Payne	Lab PM: Brown, Shali	Carrier Tracking No(s):	COC No:
Client Contact: Adria Reimer	Phone: 678-718-4760	E-Mail: shali.brown@testamericainc.com		Page:
Company: Geosyntec				Job #:
Address: 1255 Roberts Blvd NW, Suite 200	Due Date Requested: NLT 7/22/2020			
City: Kennesaw	TAT Requested (days): 3 day RUSH			
State, Zip: GA 30144				
Phone: 678-202-9564	PO #:			
Email: areimer@geosyntec.com	WO #:			
Project Name: GW7327	Project #:			
Site: Plant Wansley AP1	SSOW#:			

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)

180-109917 Chain of Custody

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	Particle Size Reduction	6020 Lithium	Total Number of containers	Special Instructions/Note:
			Preservation Code:							
PB-3 57-61	7/14/20	11:05	G	S			X	X	1	Applicable to all samples on COC - perform particle size reduction as needed to ensure homogeneous sample is analyzed
PB-3 47-52	7/14/20	11:00	G	S			X	X	1	
PB-4 49-59	7/14/20	12:10	G	S			X	X	1	
PB-4 64-68	7/14/20	12:15	G	S			X	X	1	
PB-4 73-80	7/14/20	12:20	G	S			X	X	1	
PB-7 144-154	7/14/20	12:45	G	S			X	X	1	
PB-8 135-145	7/14/20	15:15	G	S			X	X	1	

Possible Hazard Identification
[X] Non-Hazard [ ] Flammable [ ] Skin Irritant [ ] Poison B [ ] Unknown [ ] Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
[ ] Return To Client [ ] Disposal By Lab [X] Archive For 2 Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements: see special note above

Empty Kit Relinquished by: | Date: | Time: | Method of Shipment:

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
[signature]	7/14 18:15	Geosyntec	[signature]	7-15-20 1010	ETA
[signature]	8-20-20 1230	ETA 240	[signature]	8/21/20 945	ETA

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks:

Martin, Aaron

From: Brown, Shali
Sent: Thursday, August 20, 2020 3:59 PM
To: Martin, Aaron
Subject: 240-133223-1 and 240-133409-1 need these samples sent to Pittsburg please and thank you
Attachments: COC 240-133409 (202007151152).pdf; COC 240-133223 (202007101623).pdf

240-133223-1 and 240-133409-1 need these samples sent to Pittsburg
They should already be crushed (PSR was for whole sample).
Relinquish using the orginal COC's if possible. If not, I have included a copy of COC for each job.

133223 one sample plastic bag and soil jar C229

133409 seven samples plastic bag all in C238

If not too much trouble.... Can you eyeball about how much sample you have of each one?

Thank You!!
Shali

Please note our adjusted schedule for Labor Day ››

COMMUNICATIONS ALERT: Change of email addresses for all Eurofins TestAmerica staff effective July 9, 2020

Please update my email address Shali.Brown@eurofinset.com in your email directory!

Shali Brown
Project Manager

Eurofins TestAmerica
500 Wilson Pike Circle Suite 100
Brentwood,TN 37027
USA

Phone: 615-301-5031

E-mail: shali.brown@eurofinset.com

www.EurofinsUS.com | www.TestAmericainc.com | Facebook | LinkedIn

TestAmerica

ORIGIN ID:PHOA (330) 312-0176
EUROFINS TESTAMERICA CANTON
4101 SHUFFEL STREET NW
NORTH CANTON, OH 447206900
UNITED STATES US

SHIP DATE: 20AUG20
ACTWGT: 59.50 LB
CAD: 0562057/CAFE3313
BILL RECIPIENT

TO ENVIRONMENTAL SAMPLE RECEIPT
TESTAMERICA PITTSBURGH
301 ALPHA DRIVE
RIDC PARK
PITTSBURGH PA 15238
(412) 963-7058
DEPT: AL HAIDET

FedEx Express

TRK# 0201 9148 7501 0859

FRI - 21 AUG 10:30A
PRIORITY OVERNIGHT

65 AGCA

15238
PA-US PIT

Uncorrected temp 4.9 C
Thermometer ID 14
CF 0 Initials B
PT-WI-SR-001 effective 11/8/18

180-109917 Waybill

Eurofins TestAmerica, Pittsburgh
301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone: 412-963-7058 Fax: 412-963-2468

Chain of Custody Record

180-109917 Chain of Custody

Eurofins | Environment Testing America

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Brown, Shali	Job No.: 180-410782.1
Client Contact: Shipping/Receiving	Phone:	E-Mail: Shali.Brown@Eurofinset.com	State of Origin: Georgia	Page: Page 1 of 1
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note):	Job #: 180-109917-1
Address: 5815 Middlebrook Pike, ,	Due Date Requested: 10/13/2020		
City: Knoxville	TAT Requested (days):		
State, Zip: TN, 37921			
Phone: 865-291-3000(Tel) 865-584-4315(Fax)	PO #:		
Email:	WO #:		
Project Name: Plant Wansley GW7327	Project #: 18019922		
Site: Wansley CCR	SSOW#:		

Analysis Requested

Preservation Codes:

A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)

Other:

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6010B_SEP/SEP1_MgSO4 (MOD) Step 1	6010B_SEP/SEP2_NaOAc (MOD) Step 2	6010B_SEP/SEP3_Oxalate (MOD) Step 3	6010B_SEP/SEP4_Hydroxyl (MOD) Step 4	6010B_SEP/SEP5_NaClO (MOD) Step 5	6010B_SEP_Calc/ (MOD) SEP Totals (As Fe and Mn)	6010B/SEP_Tot_Prep (MOD) Total	6010B_SEP/SEP7_I_M_Prep (MOD) Step 7	6010B_SEP/SEP6_Acid (MOD) Step 6	Moisture/ Percent Moisture				Total Number of containers	Special Instructions/Note:
			Preservation Code:																		
PB-3 57-61 (180-109917-1)	7/14/20	11:05 Eastern		Solid			X	X	X	X	X	X	X	X	X	X				1	
PB-3 47-52 (180-109917-2)	7/14/20	11:00 Eastern		Solid			X	X	X	X	X	X	X	X	X	X				1	
PB-4 49-59 (180-109917-3)	7/14/20	12:10 Eastern		Solid			X	X	X	X	X	X	X	X	X	X				1	
PB-4 64-68 (180-109917-4)	7/14/20	12:15 Eastern		Solid			X	X	X	X	X	X	X	X	X	X				1	
PB-4 73-80 (180-109917-5)	7/14/20	12:20 Eastern		Solid			X	X	X	X	X	X	X	X	X	X				1	
PB-7 144-154 (180-109917-6)	7/14/20	12:45 Eastern		Solid			X	X	X	X	X	X	X	X	X	X				1	
PB-8 135-145 (180-109917-7)	7/14/20	15:15 Eastern		Solid			X	X	X	X	X	X	X	X	X	X				1	

Note: Since laboratory accreditations are subject to change, Eurofins TestAmerica places the ownership of method, analyte & accreditation compliance upon out subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins TestAmerica laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins TestAmerica attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said complicance to Eurofins TestAmerica.

Possible Hazard Identification *Unconfirmed*	***Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*** ☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:			
Relinquished by: Matthew Lock	Date/Time: 9/11/20 1700	Company ETA Pitt	Received by:	Date/Time: 9/12/20 0950	Company ETA	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company	
Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks:			

Ver: 01/16/2019

Loc: 180
109917

EUROFINS/TESTAMERICA KNOXVILLE SAMPLE RECEIPT/CONDITION UPON RECEIPT ANOMALY CHECKLIST **Log In Number:**

Review Items	Yes	No	NA	If No, what was the problem?
1. Are the shipping containers intact?	/			☐ Containers, Broken
2. Were ambient air containers received intact?			/	☐ Checked in lab
3. The coolers/containers custody seal if present, is it intact?	/			☐ Yes ☐ NA
4. Is the cooler temperature within limits? (> freezing temp. of water to 6 °C, VOST: 10°C) Thermometer ID : SC 68 Correction factor: 0.0	/			☐ Cooler Out of Temp, Client Contacted, Proceed/Cancel ☐ Cooler Out of Temp, Same Day Receipt
5. Were all of the sample containers received intact?	/			☐ Containers, Broken
6. Were samples received in appropriate containers?	/			☐ Containers, Improper; Client Contacted; Proceed/Cancel
7. Do sample container labels match COC? (IDs, Dates, Times)	/			☐ COC & Samples Do Not Match ☐ COC Incorrect/Incomplete ☐ COC Not Received
8. Were all of the samples listed on the COC received?	/			☐ Sample Received, Not on COC ☐ Sample on COC, Not Received
9. Is the date/time of sample collection noted?	/			☐ COC; No Date/Time; Client Contacted
10. Was the sampler identified on the COC?			/	☐ Sampler Not Listed on COC
11. Is the client and project name/# identified?	/			☐ COC Incorrect/Incomplete
12. Are tests/parameters listed for each sample?	/			☐ COC No tests on COC
13. Is the matrix of the samples noted?	/			☐ COC Incorrect/Incomplete
14. Was COC relinquished? (Signed/Dated/Timed)	/			☐ COC Incorrect/Incomplete
15. Were samples received within holding time?	/			☐ Holding Time - Receipt
16. Were samples received with correct chemical preservative (excluding Encore)?			/	☐ pH Adjusted, pH Included (See box 16A) ☐ Incorrect Preservative
17. Were VOA samples received without headspace?			/	☐ Headspace (VOA only)
18. Did you check for residual chlorine, if necessary? (e.g. 1613B, 1668) Chlorine test strip lot number:			/	☐ Residual Chlorine
19. For 1613B water samples is pH<9?			/	☐ If no, notify lab to adjust
20. For rad samples was sample activity info. Provided?			/	☐ Project missing info

Comments/Actions Taken

BT: 3.0 °C CT: 3.0 °C, 1 cooler
Custody seal intact
tr K#1689 S102 7619
KLI 9/12/20

Labeling Verified by: **Date:**

pH test strip lot number:

Box 16A: pH Preservation	Box 18A: Residual Chlorine
Preservative:	
Lot Number:	
Exp Date:	
Analyst:	
Date:	
Time:	

Project #: _____ PM Instructions: _____

Sample Receiving Associate: Ken Wh Date: 9/12/20

QA026R32.doc, 062719

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 180-109917-1

Login Number: 109917
List Number: 1
Creator: Say, Thomas C

List Source: Eurofins TestAmerica, Pittsburgh

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
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	

eurofins | Environment Testing America

ANALYTICAL REPORT

Eurofins TestAmerica, Pittsburgh
301 Alpha Drive
RIDC Park
Pittsburgh, PA 15238
Tel: (412)963-7058

Laboratory Job ID: 180-109919-1
Client Project/Site: Plant Wansley GW7327

For:
Southern Company
241 Ralph McGill Blvd SE
B10185
Atlanta, Georgia 30308

Attn: Kristen N Jurinko

Authorized for release by:
11/10/2020 6:23:48 AM

Shali Brown, Project Manager II
(615)301-5031
Shali.Brown@Eurofinset.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

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

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Job ID: 180-109919-1

Laboratory: Eurofins TestAmerica, Pittsburgh

Narrative

Job Narrative
180-109919-1

Comments
No additional comments.

Receipt
The sample was received on 8/21/2020 9:45 AM; the sample arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 4.9º C.

Metals
7 Step Sequential Extraction Procedure
These soil samples were prepared and analyzed using Eurofins TestAmerica Knoxville standard operating procedure KNOX-MT-0008, "7 Step Sequential Extraction Procedure". SW-846 Method 6010B as incorporated in Eurofins TestAmerica Knoxville standard operating procedure KNOX-MT-0007 was used to perform the final instrument analyses.

An aliquot of each sample was sequentially extracted using the steps listed below:

· Step 1 - Exchangeable Fraction: A 5 gram aliquot of sample was extracted with 25 mL of 1M magnesium sulfate (MgSO4), centrifuged and filtered. 5 mL of the resulting leachate was digested using method 3010A and analyzed by method 6010B. Results are reported in mg/kg on a dry weight basis.
· Step 2 - Carbonate Fraction: The sample residue from step 1 was extracted with 25 mL of 1M sodium acetate/acetic acid (NaOAc/HOAc) at pH 5, centrifuged and filtered. 5 mL of the resulting leachate was digested using method 3010A and analyzed by method 6010B. Results are reported in mg/kg on a dry weight basis.
· Step 3 - Non-crystalline Materials Fraction: The sample residue from step 2 was extracted with 25 mL of 0.2M ammonium oxalate (pH 3), centrifuged and filtered. 5 mL of the resulting leachate was digested using method 3010A and analyzed by method 6010B. Results are reported in mg/kg on a dry weight basis.
· Step 4 - Metal Hydroxide Fraction: The sample residue from step 3 was extracted with 25 mL of 1M hydroxylamine hydrochloride solution in 25% v/v acetic acid, centrifuged and filtered. 5 mL of the resulting leachate was digested using method 3010A and analyzed by method 6010B. Results are reported in mg/kg on a dry weight basis.
· Step 5 - Organic-bound Fraction: The sample residue from step 4 was extracted three times with 25 mL of 5% sodium hypochlorite (NaClO) at pH 9.5, centrifuged and filtered. The resulting leachates were combined and 5 mL were digested using method 3010A and analyzed by method 6010B. Results are reported in mg/kg on a dry weight basis.
· Step 6 - Acid/Sulfide Fraction: The sample residue from step 5 was extracted with 25 mL of a 3:1:2 v/v solution of HCl-HNO3-H2O, centrifuged and filtered. 5 mL of the resulting leachate was diluted to 50 mL with reagent water and analyzed by method 6010B. Results are reported in mg/kg on a dry weight basis.
· Step 7 - Residual Fraction: A 1.0 g aliquot of the sample residue from step 6 was digested using HF, HNO3, HCl and H3BO3. The digestate was analyzed by ICP using method 6010B. Results are reported in mg/kg on a dry weight basis.

In addition, a 1.0 g aliquot of the original sample was digested using HF, HNO3, HCl and H3BO3. The digestate was analyzed by ICP using method 6010B. Total metal results are reported in mg/kg on a dry weight basis.

Results were calculated using the following equation:
Result, µg/g or mg/Kg, dry weight = (C × V × V1 × D) / (W × S × V2)

Where:
C = Concentration from instrument readout, µg/mL
V = Final volume of digestate, mL
D = Instrument dilution factor
V1 = Total volume of leachate, mL
V2 = Volume of leachate digested, mL
W = Wet weight of sample, g
S = Percent solids/100

A method blank, laboratory control sample and laboratory control sample duplicate were prepared and analyzed with each SEP step in

Job ID: 180-109919-1 (Continued)

Laboratory: Eurofins TestAmerica, Pittsburgh (Continued)

order to provide information about both the presence of elements of interest in the extraction solutions, and the recovery of elements of interest from the extraction solutions. Results outside of laboratory QC limits do not reflect out of control performance, but rather the effect of the extraction solution upon the analyte.

A laboratory sample duplicate was prepared and analyzed with each batch of samples in order to provide information regarding the reproducibility of the procedure.

SEP Report Notes:
The final report lists the results for each step, the result for the total digestion of the sample, and a sum of the results of steps 1 through 7 by element.
The digestates for steps 1, 2 and 5 were analyzed at a dilution due to instrument problems caused by the high solids content of the digestates. The reporting limits were adjusted accordingly.

Method 6010B: Due to sample matrix effect on the internal standard (ISTD), a dilution was required for the following sample: WGWC-8-47-57 (180-109919-1).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

General Chemistry
% Moisture: The samples were analyzed for percent moisture using SOP number KNOX-WC-0012 (based on Modified MCAWW 160.3 and SM2540B and on the percent moisture determinations described in methods 3540C and 3550B).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Definitions/Glossary

Client: Southern Company
Project/Site: Plant Wansley GW7327

Job ID: 180-109919-1

Qualifiers

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 Wansley GW7327

Job ID: 180-109919-1

Laboratory: Eurofins TestAmerica, Knoxville

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
	AFCEE	N/A	
ANAB	Dept. of Defense ELAP	L2311	02-13-22
ANAB	Dept. of Energy	L2311.01	02-13-22
ANAB	ISO/IEC 17025	L2311	02-13-22
ANAB	ISO/IEC 17025	L2311	02-14-22
Arkansas DEQ	State	88-0688	06-17-21
California	State	2423	06-30-21
Colorado	State	TN00009	02-28-21
Connecticut	State	PH-0223	09-30-21
Florida	NELAP	E87177	07-01-21
Georgia (DW)	State	906	12-11-22
Hawaii	State	NA	12-11-21
Kansas	NELAP	E-10349	11-01-20 *
Kentucky (DW)	State	90101	01-01-21
Louisiana	NELAP	LA110001	12-31-12 *
Louisiana	NELAP	83979	06-30-21
Louisiana (DW)	State	LA019	12-31-20
Maryland	State	277	03-31-21
Michigan	State	9933	12-11-22
Nevada	State	TN00009	07-31-21
New Hampshire	NELAP	299919	01-17-21
New Jersey	NELAP	TN001	07-01-21
New York	NELAP	10781	03-31-21
North Carolina (DW)	State	21705	07-31-21
North Carolina (WW/SW)	State	64	12-31-20
Ohio VAP	State	CL0059	06-02-23
Oklahoma	State	9415	08-31-21
Oregon	NELAP	TNI0189	01-02-21
Pennsylvania	NELAP	68-00576	12-31-20
Tennessee	State	02014	12-11-22
Texas	NELAP	T104704380-18-12	08-31-21
US Fish & Wildlife	US Federal Programs	058448	07-31-21
USDA	US Federal Programs	P330-19-00236	08-20-22
Utah	NELAP	TN00009	07-31-21
Virginia	NELAP	460176	09-14-21
Washington	State	C593	01-19-21
West Virginia (DW)	State	9955C	01-01-21
West Virginia DEP	State	345	05-01-21
Wisconsin	State	998044300	08-31-21

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Sample Summary

Client: Southern Company
Project/Site: Plant Wansley GW7327

Job ID: 180-109919-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
180-109919-1	WGWC-8-47-57	Solid	07/09/20 09:45	08/21/20 09:45	

Method Summary

Client: Southern Company
Project/Site: Plant Wansley GW7327

Job ID: 180-109919-1

Method	Method Description	Protocol	Laboratory
6010B	SEP Metals (ICP) - Total	SW846	TAL KNX
6010B SEP	SEP Metals (ICP)	SW846	TAL KNX
3010A	Preparation, Total Metals	SW846	TAL KNX
Acid/Sulfide	Sequential Extraction Procedure, Acid/Sulfide Fraction	TAL-KNOX	TAL KNX
Carbonate	Sequential Extraction Procedure, Carbonate Fraction	TAL-KNOX	TAL KNX
Exchangeable	Sequential Extraction Procedure, Exchangeable Fraction	TAL-KNOX	TAL KNX
Metal Hydroxide	Sequential Extraction Procedure, Metal Hydroxide Fraction	TAL-KNOX	TAL KNX
Non-Crystalline	Sequential Extraction Procedure, Non-crystalline Materials	TAL-KNOX	TAL KNX
Organic-Bound	Sequential Extraction Procedure, Organic Bound Fraction	TAL-KNOX	TAL KNX
Residual	Sequential Extraction Procedure, Residual Fraction	TAL-KNOX	TAL KNX
Total	Preparation, Total Material	TAL-KNOX	TAL KNX

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.
TAL-KNOX = TestAmerica Laboratories, Knoxville, Facility Standard Operating Procedure.

Laboratory References:

TAL KNX = Eurofins TestAmerica, Knoxville, 5815 Middlebrook Pike, Knoxville, TN 37921, TEL (865)291-3000

Lab Chronicle

Client: Southern Company
Project/Site: Plant Wansley GW7327

Job ID: 180-109919-1

Client Sample ID: WGWC-8-47-57

Date Collected: 07/09/20 09:45
Date Received: 08/21/20 09:45

Lab Sample ID: 180-109919-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Sum of Steps 1-7	Analysis	6010B SEP		1			44104	11/02/20 10:20	DKW	TAL KNX
	Instrument ID:	NOEQUIP								

Client Sample ID: WGWC-8-47-57

Date Collected: 07/09/20 09:45
Date Received: 08/21/20 09:45

Lab Sample ID: 180-109919-1
Matrix: Solid
Percent Solids: 98.7

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	Total			1.000 g	50 mL	43059	09/28/20 08:00	KNC	TAL KNX
Total/NA	Analysis	6010B		5			44042	10/29/20 16:28	KNC	TAL KNX
	Instrument ID:	DUO								
Step 1	SEP	Exchangeable			5.000 g	25 mL	43060	09/28/20 08:00	KNC	TAL KNX
Step 1	Prep	3010A			5 mL	50 mL	43133	09/29/20 08:00	KNC	TAL KNX
Step 1	Analysis	6010B SEP		4			43944	10/27/20 12:07	KNC	TAL KNX
	Instrument ID:	DUO								
Step 2	SEP	Carbonate			5.000 g	25 mL	43447	10/12/20 10:01	KNC	TAL KNX
Step 2	Prep	3010A			5 mL	50 mL	43460	10/13/20 08:00	KNC	TAL KNX
Step 2	Analysis	6010B SEP		3			43944	10/27/20 13:48	KNC	TAL KNX
	Instrument ID:	DUO								
Step 3	SEP	Non-Crystalline			5.000 g	25 mL	43465	10/13/20 08:00	KNC	TAL KNX
Step 3	Prep	3010A			5 mL	50 mL	43495	10/14/20 08:00	KNC	TAL KNX
Step 3	Analysis	6010B SEP		1			43944	10/27/20 15:34	KNC	TAL KNX
	Instrument ID:	DUO								
Step 4	SEP	Metal Hydroxide			5.000 g	25 mL	43496	10/14/20 08:00	KNC	TAL KNX
Step 4	Prep	3010A			5 mL	50 mL	43539	10/15/20 08:00	KNC	TAL KNX
Step 4	Analysis	6010B SEP		1			43997	10/28/20 11:54	KNC	TAL KNX
	Instrument ID:	DUO								
Step 5	SEP	Organic-Bound			5.000 g	75 mL	43540	10/15/20 08:00	KNC	TAL KNX
Step 5	Prep	3010A			5 mL	50 mL	43604	10/19/20 08:00	KNC	TAL KNX
Step 5	Analysis	6010B SEP		5			43997	10/28/20 13:41	KNC	TAL KNX
	Instrument ID:	DUO								
Step 6	SEP	Acid/Sulfide			5.00 g	250 mL	43605	10/19/20 08:00	KNC	TAL KNX
Step 6	Analysis	6010B SEP		1			43997	10/28/20 15:27	KNC	TAL KNX
	Instrument ID:	DUO								
Step 7	Prep	Residual			1.000 g	50 mL	43637	10/20/20 08:00	KNC	TAL KNX
Step 7	Analysis	6010B SEP		1			44042	10/29/20 12:07	KNC	TAL KNX
	Instrument ID:	DUO								

Laboratory References:

TAL KNX = Eurofins TestAmerica, Knoxville, 5815 Middlebrook Pike, Knoxville, TN 37921, TEL (865)291-3000

Lab Chronicle

Client: Southern Company
Project/Site: Plant Wansley GW7327

Job ID: 180-109919-1

Analyst References:

Lab: TAL KNX

Batch Type: SEP

KNC = Kerry Collins

Batch Type: Prep

KNC = Kerry Collins

Batch Type: Analysis

DKW = Donna Wilburn

KNC = Kerry Collins

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley GW7327

Job ID: 180-109919-1

Client Sample ID: WGWC-8-47-57

Date Collected: 07/09/20 09:45
Date Received: 08/21/20 09:45

Lab Sample ID: 180-109919-1

Matrix: Solid
Percent Solids: 98.7

Method: 6010B SEP - SEP Metals (ICP) - Step 1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	<0.61		10	0.61	mg/Kg	☼	09/29/20 08:00	10/27/20 12:07	4

Method: 6010B SEP - SEP Metals (ICP) - Step 2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	<0.46		7.6	0.46	mg/Kg	☼	10/13/20 08:00	10/27/20 13:48	3

Method: 6010B SEP - SEP Metals (ICP) - Step 3

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	<0.15		2.5	0.15	mg/Kg	☼	10/14/20 08:00	10/27/20 15:34	1

Method: 6010B SEP - SEP Metals (ICP) - Step 4

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	**1.2**	**J**	2.5	0.15	mg/Kg	☼	10/15/20 08:00	10/28/20 11:54	1

Method: 6010B SEP - SEP Metals (ICP) - Step 5

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	<2.2		38	2.2	mg/Kg	☼	10/19/20 08:00	10/28/20 13:41	5

Method: 6010B SEP - SEP Metals (ICP) - Step 6

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	**1.1**	**J**	2.5	0.15	mg/Kg	☼	10/19/20 08:00	10/28/20 15:27	1

Method: 6010B SEP - SEP Metals (ICP) - Step 7

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	**10**		2.5	0.15	mg/Kg	☼	10/20/20 08:00	10/29/20 12:07	1

Method: 6010B SEP - SEP Metals (ICP) - Sum of Steps 1-7

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	**12**		2.5	0.15	mg/Kg			11/02/20 10:20	1

Method: 6010B - SEP Metals (ICP) - Total

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	**17**		13	0.76	mg/Kg	☼	09/28/20 08:00	10/29/20 16:28	5

QC Sample Results

Client: Southern Company
Project/Site: Plant Wansley GW7327

Job ID: 180-109919-1

Method: 6010B - SEP Metals (ICP) - Total

Lab Sample ID: MB 140-43059/14-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 44042 — **Prep Batch: 43059**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	<0.15		2.5	0.15	mg/Kg		09/28/20 08:00	10/29/20 10:56	1

Lab Sample ID: LCS 140-43059/15-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 44042 — **Prep Batch: 43059**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Lithium	5.00	5.17		mg/Kg		103	75 - 125

Lab Sample ID: LCSD 140-43059/16-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 44042 — **Prep Batch: 43059**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Lithium	5.00	5.03		mg/Kg		101	75 - 125	3	30

Method: 6010B SEP - SEP Metals (ICP)

Lab Sample ID: MB 140-43060/14-B ^4 — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Step 1**
Analysis Batch: 43944 — **Prep Batch: 43133**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	<0.60		10	0.60	mg/Kg		09/29/20 08:00	10/27/20 11:39	4

Lab Sample ID: LCS 140-43060/15-B ^5 — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Step 1**
Analysis Batch: 43944 — **Prep Batch: 43133**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Lithium	5.00	5.09	J	mg/Kg		102	75 - 125

Lab Sample ID: LCSD 140-43060/16-B ^5 — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Step 1**
Analysis Batch: 43944 — **Prep Batch: 43133**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Lithium	5.00	4.61	J	mg/Kg		92	75 - 125	10	30

Lab Sample ID: MB 140-43447/14-B ^3 — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Step 2**
Analysis Batch: 43944 — **Prep Batch: 43460**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	<0.45		7.5	0.45	mg/Kg		10/13/20 08:00	10/27/20 13:09	3

Method: 6010B SEP - SEP Metals (ICP) (Continued)

Lab Sample ID: LCS 140-43447/15-B ^5 — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Step 2**
Analysis Batch: 43944 — **Prep Batch: 43460**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Lithium	5.00	4.57	J	mg/Kg		91	75 - 125

Lab Sample ID: LCSD 140-43447/16-B ^5 — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Step 2**
Analysis Batch: 43944 — **Prep Batch: 43460**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Lithium	5.00	4.38	J	mg/Kg		88	75 - 125	4	30

Lab Sample ID: MB 140-43465/14-B — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Step 3**
Analysis Batch: 43944 — **Prep Batch: 43495**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	<0.15		2.5	0.15	mg/Kg		10/14/20 08:00	10/27/20 14:51	1

Lab Sample ID: LCS 140-43465/15-B — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Step 3**
Analysis Batch: 43944 — **Prep Batch: 43495**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Lithium	5.00	5.29		mg/Kg		106	75 - 125

Lab Sample ID: LCSD 140-43465/16-B — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Step 3**
Analysis Batch: 43944 — **Prep Batch: 43495**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Lithium	5.00	5.17		mg/Kg		103	75 - 125	2	30

Lab Sample ID: MB 140-43496/14-B — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Step 4**
Analysis Batch: 43997 — **Prep Batch: 43539**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	<0.15		2.5	0.15	mg/Kg		10/15/20 08:00	10/28/20 11:26	1

Lab Sample ID: LCS 140-43496/15-B — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Step 4**
Analysis Batch: 43997 — **Prep Batch: 43539**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Lithium	5.00	5.32		mg/Kg		106	75 - 125

Lab Sample ID: LCSD 140-43496/16-B — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Step 4**
Analysis Batch: 43997 — **Prep Batch: 43539**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Lithium	5.00	5.20		mg/Kg		104	75 - 125	2	30

QC Sample Results

Client: Southern Company
Project/Site: Plant Wansley GW7327

Job ID: 180-109919-1

Method: 6010B SEP - SEP Metals (ICP)

Lab Sample ID: MB 140-43540/14-B ^5 — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Step 5**
Analysis Batch: 43997 — **Prep Batch: 43604**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	<2.2		38	2.2	mg/Kg		10/19/20 08:00	10/28/20 13:02	5

Lab Sample ID: LCS 140-43540/15-B ^5 — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Step 5**
Analysis Batch: 43997 — **Prep Batch: 43604**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Lithium	15.0	16.4	J	mg/Kg		109	75 - 125

Lab Sample ID: LCSD 140-43540/16-B ^5 — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Step 5**
Analysis Batch: 43997 — **Prep Batch: 43604**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Lithium	15.0	17.4	J	mg/Kg		116	75 - 125	6	30

Lab Sample ID: MB 140-43605/14-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Step 6**
Analysis Batch: 43997 — **Prep Batch: 43605**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	<0.15		2.5	0.15	mg/Kg		10/19/20 08:00	10/28/20 14:45	1

Lab Sample ID: LCS 140-43605/15-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Step 6**
Analysis Batch: 43997 — **Prep Batch: 43605**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Lithium	5.00	4.96		mg/Kg		99	75 - 125

Lab Sample ID: LCSD 140-43605/16-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Step 6**
Analysis Batch: 43997 — **Prep Batch: 43605**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Lithium	5.00	5.03		mg/Kg		101	75 - 125	1	30

Lab Sample ID: MB 140-43637/14-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Step 7**
Analysis Batch: 44042 — **Prep Batch: 43637**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	<0.15		2.5	0.15	mg/Kg		10/20/20 08:00	10/29/20 10:42	1

Lab Sample ID: LCS 140-43637/15-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Step 7**
Analysis Batch: 44042 — **Prep Batch: 43637**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Lithium	5.00	5.04		mg/Kg		101	75 - 125

QC Sample Results

Client: Southern Company
Project/Site: Plant Wansley GW7327

Job ID: 180-109919-1

Method: 6010B SEP - SEP Metals (ICP)

Lab Sample ID: LCSD 140-43637/16-A
Matrix: Solid
Analysis Batch: 44042

Client Sample ID: Lab Control Sample Dup
Prep Type: Step 7
Prep Batch: 43637

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Lithium			5.00	5.05		mg/Kg		101	75 - 125	0	30

QC Association Summary

Client: Southern Company
Project/Site: Plant Wansley GW7327

Job ID: 180-109919-1

Metals

Prep Batch: 43059

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-109919-1	WGWC-8-47-57	Total/NA	Solid	Total	
MB 140-43059/14-A	Method Blank	Total/NA	Solid	Total	
LCS 140-43059/15-A	Lab Control Sample	Total/NA	Solid	Total	
LCSD 140-43059/16-A	Lab Control Sample Dup	Total/NA	Solid	Total	

SEP Batch: 43060

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-109919-1	WGWC-8-47-57	Step 1	Solid	Exchangeable	
MB 140-43060/14-B ^4	Method Blank	Step 1	Solid	Exchangeable	
LCS 140-43060/15-B ^5	Lab Control Sample	Step 1	Solid	Exchangeable	
LCSD 140-43060/16-B ^5	Lab Control Sample Dup	Step 1	Solid	Exchangeable	

Prep Batch: 43133

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-109919-1	WGWC-8-47-57	Step 1	Solid	3010A	43060
MB 140-43060/14-B ^4	Method Blank	Step 1	Solid	3010A	43060
LCS 140-43060/15-B ^5	Lab Control Sample	Step 1	Solid	3010A	43060
LCSD 140-43060/16-B ^5	Lab Control Sample Dup	Step 1	Solid	3010A	43060

SEP Batch: 43447

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-109919-1	WGWC-8-47-57	Step 2	Solid	Carbonate	
MB 140-43447/14-B ^3	Method Blank	Step 2	Solid	Carbonate	
LCS 140-43447/15-B ^5	Lab Control Sample	Step 2	Solid	Carbonate	
LCSD 140-43447/16-B ^5	Lab Control Sample Dup	Step 2	Solid	Carbonate	

Prep Batch: 43460

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-109919-1	WGWC-8-47-57	Step 2	Solid	3010A	43447
MB 140-43447/14-B ^3	Method Blank	Step 2	Solid	3010A	43447
LCS 140-43447/15-B ^5	Lab Control Sample	Step 2	Solid	3010A	43447
LCSD 140-43447/16-B ^5	Lab Control Sample Dup	Step 2	Solid	3010A	43447

SEP Batch: 43465

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-109919-1	WGWC-8-47-57	Step 3	Solid	Non-Crystalline	
MB 140-43465/14-B	Method Blank	Step 3	Solid	Non-Crystalline	
LCS 140-43465/15-B	Lab Control Sample	Step 3	Solid	Non-Crystalline	
LCSD 140-43465/16-B	Lab Control Sample Dup	Step 3	Solid	Non-Crystalline	

Prep Batch: 43495

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-109919-1	WGWC-8-47-57	Step 3	Solid	3010A	43465
MB 140-43465/14-B	Method Blank	Step 3	Solid	3010A	43465
LCS 140-43465/15-B	Lab Control Sample	Step 3	Solid	3010A	43465
LCSD 140-43465/16-B	Lab Control Sample Dup	Step 3	Solid	3010A	43465

SEP Batch: 43496

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-109919-1	WGWC-8-47-57	Step 4	Solid	Metal Hydroxide	
MB 140-43496/14-B	Method Blank	Step 4	Solid	Metal Hydroxide	

Metals (Continued)

SEP Batch: 43496 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 140-43496/15-B	Lab Control Sample	Step 4	Solid	Metal Hydroxide	
LCSD 140-43496/16-B	Lab Control Sample Dup	Step 4	Solid	Metal Hydroxide	

Prep Batch: 43539

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-109919-1	WGWC-8-47-57	Step 4	Solid	3010A	43496
MB 140-43496/14-B	Method Blank	Step 4	Solid	3010A	43496
LCS 140-43496/15-B	Lab Control Sample	Step 4	Solid	3010A	43496
LCSD 140-43496/16-B	Lab Control Sample Dup	Step 4	Solid	3010A	43496

SEP Batch: 43540

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-109919-1	WGWC-8-47-57	Step 5	Solid	Organic-Bound	
MB 140-43540/14-B ^5	Method Blank	Step 5	Solid	Organic-Bound	
LCS 140-43540/15-B ^5	Lab Control Sample	Step 5	Solid	Organic-Bound	
LCSD 140-43540/16-B ^5	Lab Control Sample Dup	Step 5	Solid	Organic-Bound	

Prep Batch: 43604

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-109919-1	WGWC-8-47-57	Step 5	Solid	3010A	43540
MB 140-43540/14-B ^5	Method Blank	Step 5	Solid	3010A	43540
LCS 140-43540/15-B ^5	Lab Control Sample	Step 5	Solid	3010A	43540
LCSD 140-43540/16-B ^5	Lab Control Sample Dup	Step 5	Solid	3010A	43540

SEP Batch: 43605

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-109919-1	WGWC-8-47-57	Step 6	Solid	Acid/Sulfide	
MB 140-43605/14-A	Method Blank	Step 6	Solid	Acid/Sulfide	
LCS 140-43605/15-A	Lab Control Sample	Step 6	Solid	Acid/Sulfide	
LCSD 140-43605/16-A	Lab Control Sample Dup	Step 6	Solid	Acid/Sulfide	

Prep Batch: 43637

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-109919-1	WGWC-8-47-57	Step 7	Solid	Residual	
MB 140-43637/14-A	Method Blank	Step 7	Solid	Residual	
LCS 140-43637/15-A	Lab Control Sample	Step 7	Solid	Residual	
LCSD 140-43637/16-A	Lab Control Sample Dup	Step 7	Solid	Residual	

Analysis Batch: 43944

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-109919-1	WGWC-8-47-57	Step 1	Solid	6010B SEP	43133
180-109919-1	WGWC-8-47-57	Step 2	Solid	6010B SEP	43460
180-109919-1	WGWC-8-47-57	Step 3	Solid	6010B SEP	43495
MB 140-43060/14-B ^4	Method Blank	Step 1	Solid	6010B SEP	43133
MB 140-43447/14-B ^3	Method Blank	Step 2	Solid	6010B SEP	43460
MB 140-43465/14-B	Method Blank	Step 3	Solid	6010B SEP	43495
LCS 140-43060/15-B ^5	Lab Control Sample	Step 1	Solid	6010B SEP	43133
LCS 140-43447/15-B ^5	Lab Control Sample	Step 2	Solid	6010B SEP	43460
LCS 140-43465/15-B	Lab Control Sample	Step 3	Solid	6010B SEP	43495
LCSD 140-43060/16-B ^5	Lab Control Sample Dup	Step 1	Solid	6010B SEP	43133
LCSD 140-43447/16-B ^5	Lab Control Sample Dup	Step 2	Solid	6010B SEP	43460

Metals (Continued)

Analysis Batch: 43944 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 140-43465/16-B	Lab Control Sample Dup	Step 3	Solid	6010B SEP	43495

Analysis Batch: 43997

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-109919-1	WGWC-8-47-57	Step 4	Solid	6010B SEP	43539
180-109919-1	WGWC-8-47-57	Step 5	Solid	6010B SEP	43604
180-109919-1	WGWC-8-47-57	Step 6	Solid	6010B SEP	43605
MB 140-43496/14-B	Method Blank	Step 4	Solid	6010B SEP	43539
MB 140-43540/14-B ^5	Method Blank	Step 5	Solid	6010B SEP	43604
MB 140-43605/14-A	Method Blank	Step 6	Solid	6010B SEP	43605
LCS 140-43496/15-B	Lab Control Sample	Step 4	Solid	6010B SEP	43539
LCS 140-43540/15-B ^5	Lab Control Sample	Step 5	Solid	6010B SEP	43604
LCS 140-43605/15-A	Lab Control Sample	Step 6	Solid	6010B SEP	43605
LCSD 140-43496/16-B	Lab Control Sample Dup	Step 4	Solid	6010B SEP	43539
LCSD 140-43540/16-B ^5	Lab Control Sample Dup	Step 5	Solid	6010B SEP	43604
LCSD 140-43605/16-A	Lab Control Sample Dup	Step 6	Solid	6010B SEP	43605

Analysis Batch: 44042

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-109919-1	WGWC-8-47-57	Step 7	Solid	6010B SEP	43637
180-109919-1	WGWC-8-47-57	Total/NA	Solid	6010B	43059
MB 140-43059/14-A	Method Blank	Total/NA	Solid	6010B	43059
MB 140-43637/14-A	Method Blank	Step 7	Solid	6010B SEP	43637
LCS 140-43059/15-A	Lab Control Sample	Total/NA	Solid	6010B	43059
LCS 140-43637/15-A	Lab Control Sample	Step 7	Solid	6010B SEP	43637
LCSD 140-43059/16-A	Lab Control Sample Dup	Total/NA	Solid	6010B	43059
LCSD 140-43637/16-A	Lab Control Sample Dup	Step 7	Solid	6010B SEP	43637

Analysis Batch: 44104

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
180-109919-1	WGWC-8-47-57	Sum of Steps 1-7	Solid	6010B SEP	

29/38

Eurofins TestAmerica, Canton4101 Shuffel S
4101 Shuffel Street NW
North Canton, OH 44720-6900
Phone (330) 497-9396

Chain of Custody Record

eurofins Environmental Testing America

Client Information				
Client Contact: Adria Reimer	Sampler: ~~Will Burke~~ Shawn Lin @ 7/9/2020	Lab PM: Brown, Shali	Carrier Tracking No(s): FedEx 394677757747	COC No:
Company: Geosyntec	Phone: 205-657-5949	E-Mail: shali.brown@testamericainc.com		Page:
Address: 1255 Roberts Blvd NW, Suite 200	Due Date Requested: NLT 7/17/2020			Job #:
City: Kennesaw	TAT Requested (days): 3 day RUSH			
State, Zip: GA 30144				
Phone: 678-202-9564	PO #:			
Email: areimer@geosyntec.com	WO #:			
Project Name: GW7327	Project #: 18019922			
Site: Plant Wansley	SSOW#:			

Analysis Requested

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	Particle Size Reduction	6020 Lithium	Total Number of containers	Special Instructions/Note:
			Preservation Code:							
WGWC-8 47-57	2020/07/09	09:45	C	S	No	No	X	X		Applicable to all samples on COC - perform particle size reduction as needed to ensure homogeneous sample is analyzed

7/9/2020

180-109919 Chain of Custody

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Possible Hazard Identification
[X] Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab [X] Archive For 2 Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements: see special note above

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
Shawn Lin	7-9-2020 17:10	Geosyntec	Adam Clement	7-10-20 1600	ETA
[illegible]	7-20-20 1730	240 ETA			

Custody Seals Intact: Δ Yes Δ No	Custody Seal No:	Cooler Temperature(s) °C and Other Remarks:

Ver: 01/16/2019

Martin, Aaron

From:	Brown, Shali
Sent:	Thursday, August 20, 2020 3:59 PM
To:	Martin, Aaron
Subject:	240-133223-1 and 240-133409-1 need these samples sent to Pittsburg please and thank you
Attachments:	COC 240-133409 (202007151152).pdf; COC 240-133223 (202007101623).pdf

240-133223-1 and 240-133409-1 need these samples sent to Pittsburg
They should already be crushed (PSR was for whole sample).
Relinquish using the orginal COC's if possible. If not, I have included a copy of COC for each job.

133223 one sample plastic bag and soil jar C229

133409 seven samples plastic bag all in C238

If not too much trouble.... Can you eyeball about how much sample you have of each one?

Thank You!!
Shali

Please note our adjusted schedule for Labor Day »

COMMUNICATIONS ALERT: Change of email addresses for all Eurofins TestAmerica staff effective July 9, 2020

Please update my email address Shali.Brown@eurofinset.com in your email directory!

Shali Brown
Project Manager

Eurofins TestAmerica
500 Wilson Pike Circle Suite 100
Brentwood,TN 37027
USA

Phone: 615-301-5031

E-mail: shali.brown@eurofinset.com

www.EurofinsUS.com | www.TestAmericainc.com | Facebook | LinkedIn

TestAmerica

ORIGIN ID:PHDA (330) 312-0176
EUROFINS TESTAMERICA CANTON
4101 SHUFFEL STREET NW
NORTH CANTON, OH 447206900
UNITED STATES US

SHIP DATE: 20AUG20
ACTWGT: 59.50 LB
CAD: 0562097/CAFE3313
BILL RECIPIENT

TO ENVIRONMENTAL SAMPLE RECEIPT
TESTAMERICA PITTSBURGH
301 ALPHA DRIVE
RIDC PARK
PITTSBURGH PA 15238
(412) 963-7058
DEPT: AL HAIDET

FedEx Express

TRK# 0201 9148 7501 0859

FRI - 21 AUG 10:30A
PRIORITY OVERNIGHT

65 AGCA

15238
PA-US PIT

Uncorrected temp 4.9 C
Thermometer ID 14
CF 0
Initials B
PT-WI-SR-001 effective 11/8/18

180-109919 Waybill

Eurofins TestAmerica, Pittsburgh
301 Alpha Drive RIDC Park
Pittsburgh, PA 15238
Phone: 412-963-7058 Fax: 412-963-2468

Chain of Custody Record

180-109919 Chain of Custody

Eurofins Environment Testing America

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Brown, Shali	180-10782.1
Client Contact: Shipping/Receiving	Phone:	E-Mail: Shali.Brown@Eurofinset.com	State of Origin: Georgia	Page: Page 1 of 1
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note):	Job #: 180-109919-1
Address: 5815 Middlebrook Pike, ,	Due Date Requested: 10/13/2020		
City: Knoxville	TAT Requested (days):		
State, Zip: TN, 37921			
Phone: 865-291-3000(Tel) 865-584-4315(Fax)	PO #:		
Email:	WO #:		
Project Name: Plant Wansley GW7327	Project #: 18019922		
Site: Wansley CCR	SSOW#:		

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)
Other:

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6010B_SEP/SEP1_MgSO4 (MOD) Step 1	6010B_SEP/SEP2_NaOAc (MOD) Step 2	6010B_SEP/SEP3_Oxalate (MOD) Step 3	6010B_SEP/SEP4_Hydroxyl (MOD) Step 4	6010B_SEP/SEP5_NaClO (MOD) Step 5	6010B_SEP_Calc/ (MOD) SEP Totals (As Fe and Mn)	6010B/SEP_Tot_Prep (MOD) Total	6010B_SEP/SEP7_LM_Prep (MOD) Step 7	6010B_SEP/SEP8_Acid (MOD) Step 6	Moisture/ Percent Moisture				Total Number of containers	Special Instructions/Note:
			Preservation Code:																		
WGWC-8-47-57 (180-109919-1)	7/9/20	09:45 Eastern		Solid			X	X	X	X	X	X	X	X	X	X				1	

Note: Since laboratory accreditations are subject to change, Eurofins TestAmerica places the ownership of method, analyte & accreditation compliance upon out subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins TestAmerica laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins TestAmerica attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said complicance to Eurofins TestAmerica.

Possible Hazard Identification *Unconfirmed*	***Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*** ☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:		
Relinquished by: Matthew Jocks	Date/Time: 9/11/20 1700	Company: ETA Pitt	Received by:	Date/Time: 9/12/20 0950	Company: ETA
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks:		

Ver: 01/16/2019

Loc: 180
109919

EUROFINS/TESTAMERICA KNOXVILLE SAMPLE RECEIPT/CONDITION UPON RECEIPT ANOMALY CHECKLIST **Log In Number:**

Review Items	Yes	No	NA	If No, what was the problem?
1. Are the shipping containers intact?	/			☐ **Containers, Broken**
2. Were ambient air containers received intact?			/	☐ Checked in lab
3. The coolers/containers custody seal if present, is it intact?	/			☐ Yes ☐ NA
4. Is the cooler temperature within limits? (> freezing temp. of water to 6°C, VOST: 10°C) Thermometer ID : SC68 Correction factor: 0.0	/			☐ **Cooler Out of Temp, Client Contacted, Proceed/Cancel** ☐ **Cooler Out of Temp, Same Day Receipt**
5. Were all of the sample containers received intact?	/			☐ **Containers, Broken**
6. Were samples received in appropriate containers?	/			☐ **Containers, Improper; Client Contacted; Proceed/Cancel**
7. Do sample container labels match COC? (IDs, Dates, Times)	/			☐ **COC & Samples Do Not Match** ☐ **COC Incorrect/Incomplete** ☐ **COC Not Received**
8. Were all of the samples listed on the COC received?	/			☐ **Sample Received, Not on COC** ☐ **Sample on COC, Not Received**
9. Is the date/time of sample collection noted?	/			☐ **COC; No Date/Time; Client Contacted**
10. Was the sampler identified on the COC?			/	☐ **Sampler Not Listed on COC**
11. Is the client and project name/# identified?	/			☐ **COC Incorrect/Incomplete**
12. Are tests/parameters listed for each sample?	/			☐ **COC No tests on COC**
13. Is the matrix of the samples noted?	/			☐ **COC Incorrect/Incomplete**
14. Was COC relinquished? (Signed/Dated/Timed)	/			☐ **COC Incorrect/Incomplete**
15. Were samples received within holding time?	/			☐ **Holding Time - Receipt**
16. Were samples received with correct chemical preservative (excluding Encore)?			/	☐ **pH Adjusted, pH Included (See box 16A)** ☐ **Incorrect Preservative**
17. Were VOA samples received without headspace?			/	☐ **Headspace (VOA only)**
18. Did you check for residual chlorine, if necessary? (e.g. 1613B, 1668) Chlorine test strip lot number:			/	☐ **Residual Chlorine**
19. For 1613B water samples is pH<9?			/	☐ If no, notify lab to adjust
20. For rad samples was sample activity info. Provided?			/	☐ Project missing info

Comments/Actions Taken

RT: 3.0°C CT: 3.0°C / Cooler Custody seal intact
trK#1689 5102 7619
KL 9/12/20

Labeling Verified by: **Date:**

pH test strip lot number:

Box 16A: pH Preservation	Box 18A: Residual Chlorine
Preservative:	
Lot Number:	
Exp Date:	
Analyst:	
Date:	
Time:	

Project #: _____ PM Instructions: _____

Sample Receiving Associate: Ken Wh Date: 9/12/20

QA026R32.doc, 062719

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 180-109919-1

Login Number: 109919
List Number: 1
Creator: Say, Thomas C

List Source: Eurofins TestAmerica, Pittsburgh

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
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	

eurofins | Environment Testing America

ANALYTICAL REPORT

Eurofins TestAmerica, Canton
4101 Shuffel Street NW
North Canton, OH 44720
Tel: (330)497-9396

Laboratory Job ID: 240-136127-2
Client Project/Site: Plant Wansley GW7327

For:
Southern Company
241 Ralph McGill Blvd SE
B10185
Atlanta, Georgia 30308

Attn: Kristen N Jurinko

Authorized for release by:
11/10/2020 6:22:12 AM

Shali Brown, Project Manager II
(615)301-5031
Shali.Brown@Eurofinset.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

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.

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Definitions/Glossary

Client: Southern Company
Project/Site: Plant Wansley GW7327

Job ID: 240-136127-2

Qualifiers

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

Job ID: 240-136127-2

Laboratory: Eurofins TestAmerica, Canton

Narrative

Job Narrative
240-136127-2

Comments
No additional comments.

Receipt
The samples were received on 9/4/2020 11:00 AM; the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 3.5º C.

Metals
7 Step Sequential Extraction Procedure
These soil samples were prepared and analyzed using Eurofins TestAmerica Knoxville standard operating procedure KNOX-MT-0008, "7 Step Sequential Extraction Procedure". SW-846 Method 6010B as incorporated in Eurofins TestAmerica Knoxville standard operating procedure KNOX-MT-0007 was used to perform the final instrument analyses.

An aliquot of each sample was sequentially extracted using the steps listed below:

· Step 1 - Exchangeable Fraction: A 5 gram aliquot of sample was extracted with 25 mL of 1M magnesium sulfate (MgSO4), centrifuged and filtered. 5 mL of the resulting leachate was digested using method 3010A and analyzed by method 6010B. Results are reported in mg/kg on a dry weight basis.
· Step 2 - Carbonate Fraction: The sample residue from step 1 was extracted with 25 mL of 1M sodium acetate/acetic acid (NaOAc/HOAc) at pH 5, centrifuged and filtered. 5 mL of the resulting leachate was digested using method 3010A and analyzed by method 6010B. Results are reported in mg/kg on a dry weight basis.
· Step 3 - Non-crystalline Materials Fraction: The sample residue from step 2 was extracted with 25 mL of 0.2M ammonium oxalate (pH 3), centrifuged and filtered. 5 mL of the resulting leachate was digested using method 3010A and analyzed by method 6010B. Results are reported in mg/kg on a dry weight basis.
· Step 4 - Metal Hydroxide Fraction: The sample residue from step 3 was extracted with 25 mL of 1M hydroxylamine hydrochloride solution in 25% v/v acetic acid, centrifuged and filtered. 5 mL of the resulting leachate was digested using method 3010A and analyzed by method 6010B. Results are reported in mg/kg on a dry weight basis.
· Step 5 - Organic-bound Fraction: The sample residue from step 4 was extracted three times with 25 mL of 5% sodium hypochlorite (NaClO) at pH 9.5, centrifuged and filtered. The resulting leachates were combined and 5 mL were digested using method 3010A and analyzed by method 6010B. Results are reported in mg/kg on a dry weight basis.
· Step 6 - Acid/Sulfide Fraction: The sample residue from step 5 was extracted with 25 mL of a 3:1:2 v/v solution of HCl-HNO3-H2O, centrifuged and filtered. 5 mL of the resulting leachate was diluted to 50 mL with reagent water and analyzed by method 6010B. Results are reported in mg/kg on a dry weight basis.
· Step 7 - Residual Fraction: A 1.0 g aliquot of the sample residue from step 6 was digested using HF, HNO3, HCl and H3BO3. The digestate was analyzed by ICP using method 6010B. Results are reported in mg/kg on a dry weight basis.

In addition, a 1.0 g aliquot of the original sample was digested using HF, HNO3, HCl and H3BO3. The digestate was analyzed by ICP using method 6010B. Total metal results are reported in mg/kg on a dry weight basis.

Results were calculated using the following equation:
Result, µg/g or mg/Kg, dry weight = (C × V × V1 × D) / (W × S × V2)

Where:
C = Concentration from instrument readout, µg/mL
V = Final volume of digestate, mL
D = Instrument dilution factor
V1 = Total volume of leachate, mL
V2 = Volume of leachate digested, mL
W = Wet weight of sample, g
S = Percent solids/100

A method blank, laboratory control sample and laboratory control sample duplicate were prepared and analyzed with each SEP step in

Job ID: 240-136127-2 (Continued)

Laboratory: Eurofins TestAmerica, Canton (Continued)

order to provide information about both the presence of elements of interest in the extraction solutions, and the recovery of elements of interest from the extraction solutions. Results outside of laboratory QC limits do not reflect out of control performance, but rather the effect of the extraction solution upon the analyte.

A laboratory sample duplicate was prepared and analyzed with each batch of samples in order to provide information regarding the reproducibility of the procedure.

SEP Report Notes:
The final report lists the results for each step, the result for the total digestion of the sample, and a sum of the results of steps 1 through 7 by element.
The digestates for steps 1, 2 and 5 were analyzed at a dilution due to instrument problems caused by the high solids content of the digestates. The reporting limits were adjusted accordingly.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Method Summary

Client: Southern Company
Project/Site: Plant Wansley GW7327

Job ID: 240-136127-2

Method	Method Description	Protocol	Laboratory
6010B	SEP Metals (ICP) - Total	SW846	TAL KNX
6010B SEP	SEP Metals (ICP)	SW846	TAL KNX
3010A	Preparation, Total Metals	SW846	TAL KNX
Acid/Sulfide	Sequential Extraction Procedure, Acid/Sulfide Fraction	TAL-KNOX	TAL KNX
Carbonate	Sequential Extraction Procedure, Carbonate Fraction	TAL-KNOX	TAL KNX
Exchangeable	Sequential Extraction Procedure, Exchangeable Fraction	TAL-KNOX	TAL KNX
Metal Hydroxide	Sequential Extraction Procedure, Metal Hydroxide Fraction	TAL-KNOX	TAL KNX
Non-Crystalline	Sequential Extraction Procedure, Non-crystalline Materials	TAL-KNOX	TAL KNX
Organic-Bound	Sequential Extraction Procedure, Organic Bound Fraction	TAL-KNOX	TAL KNX
Residual	Sequential Extraction Procedure, Residual Fraction	TAL-KNOX	TAL KNX
Total	Preparation, Total Material	TAL-KNOX	TAL KNX

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.
TAL-KNOX = TestAmerica Laboratories, Knoxville, Facility Standard Operating Procedure.

Laboratory References:

TAL KNX = Eurofins TestAmerica, Knoxville, 5815 Middlebrook Pike, Knoxville, TN 37921, TEL (865)291-3000

Sample Summary

Client: Southern Company
Project/Site: Plant Wansley GW7327

Job ID: 240-136127-2

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
240-136127-1	WGWC-19 87-88	Solid	09/03/20 13:00	09/04/20 11:00	
240-136127-2	WGWC-19 89-90	Solid	09/03/20 13:05	09/04/20 11:00	

Detection Summary

Client: Southern Company
Project/Site: Plant Wansley GW7327

Job ID: 240-136127-2

Client Sample ID: WGWC-19 87-88 — Lab Sample ID: 240-136127-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lithium	0.52	J	2.6	0.15	mg/Kg	1	☼	6010B SEP	Step 3
Lithium	11		2.6	0.15	mg/Kg	1	☼	6010B SEP	Step 4
Lithium	5.7	J	39	2.3	mg/Kg	5	☼	6010B SEP	Step 5
Lithium	55		2.6	0.15	mg/Kg	1	☼	6010B SEP	Step 6
Lithium	26		2.6	0.15	mg/Kg	1	☼	6010B SEP	Step 7
Lithium	98		2.5	0.15	mg/Kg	1		6010B SEP	Sum of Steps 1-7
Lithium	86		2.6	0.15	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: WGWC-19 89-90 — Lab Sample ID: 240-136127-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lithium	0.52	J	2.6	0.16	mg/Kg	1	☼	6010B SEP	Step 3
Lithium	12		2.6	0.16	mg/Kg	1	☼	6010B SEP	Step 4
Lithium	5.1	J	39	2.3	mg/Kg	5	☼	6010B SEP	Step 5
Lithium	45		2.6	0.16	mg/Kg	1	☼	6010B SEP	Step 6
Lithium	20		2.6	0.16	mg/Kg	1	☼	6010B SEP	Step 7
Lithium	83		2.5	0.15	mg/Kg	1		6010B SEP	Sum of Steps 1-7
Lithium	70		2.6	0.16	mg/Kg	1	☼	6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley GW7327

Job ID: 240-136127-2

Client Sample ID: WGWC-19 87-88

Date Collected: 09/03/20 13:00
Date Received: 09/04/20 11:00

Lab Sample ID: 240-136127-1

Matrix: Solid
Percent Solids: 97.1

Method: 6010B SEP - SEP Metals (ICP) - Step 1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	<0.62		10	0.62	mg/Kg	☼	09/29/20 08:00	10/27/20 13:00	4

Method: 6010B SEP - SEP Metals (ICP) - Step 2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	<0.46		7.7	0.46	mg/Kg	☼	10/13/20 08:00	10/27/20 14:41	3

Method: 6010B SEP - SEP Metals (ICP) - Step 3

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	**0.52**	**J**	2.6	0.15	mg/Kg	☼	10/14/20 08:00	10/27/20 16:13	1

Method: 6010B SEP - SEP Metals (ICP) - Step 4

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	**11**		2.6	0.15	mg/Kg	☼	10/15/20 08:00	10/28/20 12:52	1

Method: 6010B SEP - SEP Metals (ICP) - Step 5

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	**5.7**	**J**	39	2.3	mg/Kg	☼	10/19/20 08:00	10/28/20 14:35	5

Method: 6010B SEP - SEP Metals (ICP) - Step 6

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	**55**		2.6	0.15	mg/Kg	☼	10/19/20 08:00	10/28/20 16:07	1

Method: 6010B SEP - SEP Metals (ICP) - Step 7

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	**26**		2.6	0.15	mg/Kg	☼	10/20/20 08:00	10/29/20 12:57	1

Method: 6010B SEP - SEP Metals (ICP) - Sum of Steps 1-7

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	**98**		2.5	0.15	mg/Kg			11/02/20 10:26	1

Method: 6010B - SEP Metals (ICP) - Total

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	**86**		2.6	0.15	mg/Kg	☼	09/28/20 08:00	10/29/20 14:47	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley GW7327

Job ID: 240-136127-2

Client Sample ID: WGWC-19 89-90

Date Collected: 09/03/20 13:05
Date Received: 09/04/20 11:00

Lab Sample ID: 240-136127-2

Matrix: Solid
Percent Solids: 96.3

Method: 6010B SEP - SEP Metals (ICP) - Step 1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	<0.62		10	0.62	mg/Kg	☼	09/29/20 08:00	10/27/20 13:04	4

Method: 6010B SEP - SEP Metals (ICP) - Step 2

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	<0.47		7.8	0.47	mg/Kg	☼	10/13/20 08:00	10/27/20 14:46	3

Method: 6010B SEP - SEP Metals (ICP) - Step 3

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	**0.52**	**J**	2.6	0.16	mg/Kg	☼	10/14/20 08:00	10/27/20 16:27	1

Method: 6010B SEP - SEP Metals (ICP) - Step 4

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	**12**		2.6	0.16	mg/Kg	☼	10/15/20 08:00	10/28/20 12:57	1

Method: 6010B SEP - SEP Metals (ICP) - Step 5

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	**5.1**	**J**	39	2.3	mg/Kg	☼	10/19/20 08:00	10/28/20 14:40	5

Method: 6010B SEP - SEP Metals (ICP) - Step 6

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	**45**		2.6	0.16	mg/Kg	☼	10/19/20 08:00	10/28/20 16:26	1

Method: 6010B SEP - SEP Metals (ICP) - Step 7

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	**20**		2.6	0.16	mg/Kg	☼	10/20/20 08:00	10/29/20 13:02	1

Method: 6010B SEP - SEP Metals (ICP) - Sum of Steps 1-7

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	**83**		2.5	0.15	mg/Kg			11/02/20 10:26	1

Method: 6010B - SEP Metals (ICP) - Total

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	**70**		2.6	0.16	mg/Kg	☼	09/28/20 08:00	10/29/20 14:53	1

QC Sample Results

Client: Southern Company
Project/Site: Plant Wansley GW7327

Job ID: 240-136127-2

Method: 6010B - SEP Metals (ICP) - Total

Lab Sample ID: MB 140-43059/14-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 44042 — **Prep Batch: 43059**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	<0.15		2.5	0.15	mg/Kg		09/28/20 08:00	10/29/20 10:56	1

Lab Sample ID: LCS 140-43059/15-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 44042 — **Prep Batch: 43059**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Lithium	5.00	5.17		mg/Kg		103	75 - 125

Lab Sample ID: LCSD 140-43059/16-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 44042 — **Prep Batch: 43059**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Lithium	5.00	5.03		mg/Kg		101	75 - 125	3	30

Method: 6010B SEP - SEP Metals (ICP)

Lab Sample ID: MB 140-43060/14-B ^4 — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Step 1**
Analysis Batch: 43944 — **Prep Batch: 43133**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	<0.60		10	0.60	mg/Kg		09/29/20 08:00	10/27/20 11:39	4

Lab Sample ID: LCS 140-43060/15-B ^5 — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Step 1**
Analysis Batch: 43944 — **Prep Batch: 43133**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Lithium	5.00	5.09	J	mg/Kg		102	75 - 125

Lab Sample ID: LCSD 140-43060/16-B ^5 — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Step 1**
Analysis Batch: 43944 — **Prep Batch: 43133**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Lithium	5.00	4.61	J	mg/Kg		92	75 - 125	10	30

Lab Sample ID: MB 140-43447/14-B ^3 — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Step 2**
Analysis Batch: 43944 — **Prep Batch: 43460**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	<0.45		7.5	0.45	mg/Kg		10/13/20 08:00	10/27/20 13:09	3

Method: 6010B SEP - SEP Metals (ICP) (Continued)

Lab Sample ID: LCS 140-43447/15-B ^5 — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Step 2**
Analysis Batch: 43944 — **Prep Batch: 43460**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Lithium	5.00	4.57	J	mg/Kg		91	75 - 125

Lab Sample ID: LCSD 140-43447/16-B ^5 — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Step 2**
Analysis Batch: 43944 — **Prep Batch: 43460**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Lithium	5.00	4.38	J	mg/Kg		88	75 - 125	4	30

Lab Sample ID: MB 140-43465/14-B — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Step 3**
Analysis Batch: 43944 — **Prep Batch: 43495**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	<0.15		2.5	0.15	mg/Kg		10/14/20 08:00	10/27/20 14:51	1

Lab Sample ID: LCS 140-43465/15-B — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Step 3**
Analysis Batch: 43944 — **Prep Batch: 43495**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Lithium	5.00	5.29		mg/Kg		106	75 - 125

Lab Sample ID: LCSD 140-43465/16-B — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Step 3**
Analysis Batch: 43944 — **Prep Batch: 43495**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Lithium	5.00	5.17		mg/Kg		103	75 - 125	2	30

Lab Sample ID: MB 140-43496/14-B — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Step 4**
Analysis Batch: 43997 — **Prep Batch: 43539**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	<0.15		2.5	0.15	mg/Kg		10/15/20 08:00	10/28/20 11:26	1

Lab Sample ID: LCS 140-43496/15-B — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Step 4**
Analysis Batch: 43997 — **Prep Batch: 43539**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Lithium	5.00	5.32		mg/Kg		106	75 - 125

Lab Sample ID: LCSD 140-43496/16-B — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Step 4**
Analysis Batch: 43997 — **Prep Batch: 43539**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Lithium	5.00	5.20		mg/Kg		104	75 - 125	2	30

QC Sample Results

Client: Southern Company
Project/Site: Plant Wansley GW7327

Job ID: 240-136127-2

Method: 6010B SEP - SEP Metals (ICP)

Lab Sample ID: MB 140-43540/14-B ^5 — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Step 5**
Analysis Batch: 43997 — **Prep Batch: 43604**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	<2.2		38	2.2	mg/Kg		10/19/20 08:00	10/28/20 13:02	5

Lab Sample ID: LCS 140-43540/15-B ^5 — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Step 5**
Analysis Batch: 43997 — **Prep Batch: 43604**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Lithium	15.0	16.4	J	mg/Kg		109	75 - 125

Lab Sample ID: LCSD 140-43540/16-B ^5 — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Step 5**
Analysis Batch: 43997 — **Prep Batch: 43604**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Lithium	15.0	17.4	J	mg/Kg		116	75 - 125	6	30

Lab Sample ID: MB 140-43605/14-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Step 6**
Analysis Batch: 43997 — **Prep Batch: 43605**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	<0.15		2.5	0.15	mg/Kg		10/19/20 08:00	10/28/20 14:45	1

Lab Sample ID: LCS 140-43605/15-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Step 6**
Analysis Batch: 43997 — **Prep Batch: 43605**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Lithium	5.00	4.96		mg/Kg		99	75 - 125

Lab Sample ID: LCSD 140-43605/16-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Step 6**
Analysis Batch: 43997 — **Prep Batch: 43605**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Lithium	5.00	5.03		mg/Kg		101	75 - 125	1	30

Lab Sample ID: MB 140-43637/14-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Step 7**
Analysis Batch: 44042 — **Prep Batch: 43637**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	<0.15		2.5	0.15	mg/Kg		10/20/20 08:00	10/29/20 10:42	1

Lab Sample ID: LCS 140-43637/15-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Step 7**
Analysis Batch: 44042 — **Prep Batch: 43637**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Lithium	5.00	5.04		mg/Kg		101	75 - 125

QC Sample Results

Client: Southern Company
Project/Site: Plant Wansley GW7327

Job ID: 240-136127-2

Method: 6010B SEP - SEP Metals (ICP)

Lab Sample ID: LCSD 140-43637/16-A
Matrix: Solid
Analysis Batch: 44042

Client Sample ID: Lab Control Sample Dup
Prep Type: Step 7
Prep Batch: 43637

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Lithium			5.00	5.05		mg/Kg		101	75 - 125	0	30

QC Association Summary

Client: Southern Company
Project/Site: Plant Wansley GW7327

Job ID: 240-136127-2

Metals

Prep Batch: 43059

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-136127-1	WGWC-19 87-88	Total/NA	Solid	Total	
240-136127-2	WGWC-19 89-90	Total/NA	Solid	Total	
MB 140-43059/14-A	Method Blank	Total/NA	Solid	Total	
LCS 140-43059/15-A	Lab Control Sample	Total/NA	Solid	Total	
LCSD 140-43059/16-A	Lab Control Sample Dup	Total/NA	Solid	Total	

SEP Batch: 43060

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-136127-1	WGWC-19 87-88	Step 1	Solid	Exchangeable	
240-136127-2	WGWC-19 89-90	Step 1	Solid	Exchangeable	
MB 140-43060/14-B ^4	Method Blank	Step 1	Solid	Exchangeable	
LCS 140-43060/15-B ^5	Lab Control Sample	Step 1	Solid	Exchangeable	
LCSD 140-43060/16-B ^5	Lab Control Sample Dup	Step 1	Solid	Exchangeable	

Prep Batch: 43133

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-136127-1	WGWC-19 87-88	Step 1	Solid	3010A	43060
240-136127-2	WGWC-19 89-90	Step 1	Solid	3010A	43060
MB 140-43060/14-B ^4	Method Blank	Step 1	Solid	3010A	43060
LCS 140-43060/15-B ^5	Lab Control Sample	Step 1	Solid	3010A	43060
LCSD 140-43060/16-B ^5	Lab Control Sample Dup	Step 1	Solid	3010A	43060

SEP Batch: 43447

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-136127-1	WGWC-19 87-88	Step 2	Solid	Carbonate	
240-136127-2	WGWC-19 89-90	Step 2	Solid	Carbonate	
MB 140-43447/14-B ^3	Method Blank	Step 2	Solid	Carbonate	
LCS 140-43447/15-B ^5	Lab Control Sample	Step 2	Solid	Carbonate	
LCSD 140-43447/16-B ^5	Lab Control Sample Dup	Step 2	Solid	Carbonate	

Prep Batch: 43460

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-136127-1	WGWC-19 87-88	Step 2	Solid	3010A	43447
240-136127-2	WGWC-19 89-90	Step 2	Solid	3010A	43447
MB 140-43447/14-B ^3	Method Blank	Step 2	Solid	3010A	43447
LCS 140-43447/15-B ^5	Lab Control Sample	Step 2	Solid	3010A	43447
LCSD 140-43447/16-B ^5	Lab Control Sample Dup	Step 2	Solid	3010A	43447

SEP Batch: 43465

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-136127-1	WGWC-19 87-88	Step 3	Solid	Non-Crystalline	
240-136127-2	WGWC-19 89-90	Step 3	Solid	Non-Crystalline	
MB 140-43465/14-B	Method Blank	Step 3	Solid	Non-Crystalline	
LCS 140-43465/15-B	Lab Control Sample	Step 3	Solid	Non-Crystalline	
LCSD 140-43465/16-B	Lab Control Sample Dup	Step 3	Solid	Non-Crystalline	

Prep Batch: 43495

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-136127-1	WGWC-19 87-88	Step 3	Solid	3010A	43465
240-136127-2	WGWC-19 89-90	Step 3	Solid	3010A	43465
MB 140-43465/14-B	Method Blank	Step 3	Solid	3010A	43465

Metals (Continued)

Prep Batch: 43495 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 140-43465/15-B	Lab Control Sample	Step 3	Solid	3010A	43465
LCSD 140-43465/16-B	Lab Control Sample Dup	Step 3	Solid	3010A	43465

SEP Batch: 43496

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-136127-1	WGWC-19 87-88	Step 4	Solid	Metal Hydroxide	
240-136127-2	WGWC-19 89-90	Step 4	Solid	Metal Hydroxide	
MB 140-43496/14-B	Method Blank	Step 4	Solid	Metal Hydroxide	
LCS 140-43496/15-B	Lab Control Sample	Step 4	Solid	Metal Hydroxide	
LCSD 140-43496/16-B	Lab Control Sample Dup	Step 4	Solid	Metal Hydroxide	

Prep Batch: 43539

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-136127-1	WGWC-19 87-88	Step 4	Solid	3010A	43496
240-136127-2	WGWC-19 89-90	Step 4	Solid	3010A	43496
MB 140-43496/14-B	Method Blank	Step 4	Solid	3010A	43496
LCS 140-43496/15-B	Lab Control Sample	Step 4	Solid	3010A	43496
LCSD 140-43496/16-B	Lab Control Sample Dup	Step 4	Solid	3010A	43496

SEP Batch: 43540

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-136127-1	WGWC-19 87-88	Step 5	Solid	Organic-Bound	
240-136127-2	WGWC-19 89-90	Step 5	Solid	Organic-Bound	
MB 140-43540/14-B ^5	Method Blank	Step 5	Solid	Organic-Bound	
LCS 140-43540/15-B ^5	Lab Control Sample	Step 5	Solid	Organic-Bound	
LCSD 140-43540/16-B ^5	Lab Control Sample Dup	Step 5	Solid	Organic-Bound	

Prep Batch: 43604

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-136127-1	WGWC-19 87-88	Step 5	Solid	3010A	43540
240-136127-2	WGWC-19 89-90	Step 5	Solid	3010A	43540
MB 140-43540/14-B ^5	Method Blank	Step 5	Solid	3010A	43540
LCS 140-43540/15-B ^5	Lab Control Sample	Step 5	Solid	3010A	43540
LCSD 140-43540/16-B ^5	Lab Control Sample Dup	Step 5	Solid	3010A	43540

SEP Batch: 43605

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-136127-1	WGWC-19 87-88	Step 6	Solid	Acid/Sulfide	
240-136127-2	WGWC-19 89-90	Step 6	Solid	Acid/Sulfide	
MB 140-43605/14-A	Method Blank	Step 6	Solid	Acid/Sulfide	
LCS 140-43605/15-A	Lab Control Sample	Step 6	Solid	Acid/Sulfide	
LCSD 140-43605/16-A	Lab Control Sample Dup	Step 6	Solid	Acid/Sulfide	

Prep Batch: 43637

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-136127-1	WGWC-19 87-88	Step 7	Solid	Residual	
240-136127-2	WGWC-19 89-90	Step 7	Solid	Residual	
MB 140-43637/14-A	Method Blank	Step 7	Solid	Residual	
LCS 140-43637/15-A	Lab Control Sample	Step 7	Solid	Residual	
LCSD 140-43637/16-A	Lab Control Sample Dup	Step 7	Solid	Residual	

QC Association Summary

Client: Southern Company
Project/Site: Plant Wansley GW7327

Job ID: 240-136127-2

Metals

Analysis Batch: 43944

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-136127-1	WGWC-19 87-88	Step 1	Solid	6010B SEP	43133
240-136127-1	WGWC-19 87-88	Step 2	Solid	6010B SEP	43460
240-136127-1	WGWC-19 87-88	Step 3	Solid	6010B SEP	43495
240-136127-2	WGWC-19 89-90	Step 1	Solid	6010B SEP	43133
240-136127-2	WGWC-19 89-90	Step 2	Solid	6010B SEP	43460
240-136127-2	WGWC-19 89-90	Step 3	Solid	6010B SEP	43495
MB 140-43060/14-B ^4	Method Blank	Step 1	Solid	6010B SEP	43133
MB 140-43447/14-B ^3	Method Blank	Step 2	Solid	6010B SEP	43460
MB 140-43465/14-B	Method Blank	Step 3	Solid	6010B SEP	43495
LCS 140-43060/15-B ^5	Lab Control Sample	Step 1	Solid	6010B SEP	43133
LCS 140-43447/15-B ^5	Lab Control Sample	Step 2	Solid	6010B SEP	43460
LCS 140-43465/15-B	Lab Control Sample	Step 3	Solid	6010B SEP	43495
LCSD 140-43060/16-B ^5	Lab Control Sample Dup	Step 1	Solid	6010B SEP	43133
LCSD 140-43447/16-B ^5	Lab Control Sample Dup	Step 2	Solid	6010B SEP	43460
LCSD 140-43465/16-B	Lab Control Sample Dup	Step 3	Solid	6010B SEP	43495

Analysis Batch: 43997

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-136127-1	WGWC-19 87-88	Step 4	Solid	6010B SEP	43539
240-136127-1	WGWC-19 87-88	Step 5	Solid	6010B SEP	43604
240-136127-1	WGWC-19 87-88	Step 6	Solid	6010B SEP	43605
240-136127-2	WGWC-19 89-90	Step 4	Solid	6010B SEP	43539
240-136127-2	WGWC-19 89-90	Step 5	Solid	6010B SEP	43604
240-136127-2	WGWC-19 89-90	Step 6	Solid	6010B SEP	43605
MB 140-43496/14-B	Method Blank	Step 4	Solid	6010B SEP	43539
MB 140-43540/14-B ^5	Method Blank	Step 5	Solid	6010B SEP	43604
MB 140-43605/14-A	Method Blank	Step 6	Solid	6010B SEP	43605
LCS 140-43496/15-B	Lab Control Sample	Step 4	Solid	6010B SEP	43539
LCS 140-43540/15-B ^5	Lab Control Sample	Step 5	Solid	6010B SEP	43604
LCS 140-43605/15-A	Lab Control Sample	Step 6	Solid	6010B SEP	43605
LCSD 140-43496/16-B	Lab Control Sample Dup	Step 4	Solid	6010B SEP	43539
LCSD 140-43540/16-B ^5	Lab Control Sample Dup	Step 5	Solid	6010B SEP	43604
LCSD 140-43605/16-A	Lab Control Sample Dup	Step 6	Solid	6010B SEP	43605

Analysis Batch: 44042

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-136127-1	WGWC-19 87-88	Step 7	Solid	6010B SEP	43637
240-136127-1	WGWC-19 87-88	Total/NA	Solid	6010B	43059
240-136127-2	WGWC-19 89-90	Step 7	Solid	6010B SEP	43637
240-136127-2	WGWC-19 89-90	Total/NA	Solid	6010B	43059
MB 140-43059/14-A	Method Blank	Total/NA	Solid	6010B	43059
MB 140-43637/14-A	Method Blank	Step 7	Solid	6010B SEP	43637
LCS 140-43059/15-A	Lab Control Sample	Total/NA	Solid	6010B	43059
LCS 140-43637/15-A	Lab Control Sample	Step 7	Solid	6010B SEP	43637
LCSD 140-43059/16-A	Lab Control Sample Dup	Total/NA	Solid	6010B	43059
LCSD 140-43637/16-A	Lab Control Sample Dup	Step 7	Solid	6010B SEP	43637

Analysis Batch: 44106

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-136127-1	WGWC-19 87-88	Sum of Steps 1-7	Solid	6010B SEP	
240-136127-2	WGWC-19 89-90	Sum of Steps 1-7	Solid	6010B SEP	

Lab Chronicle

Client: Southern Company
Project/Site: Plant Wansley GW7327

Job ID: 240-136127-2

Client Sample ID: WGWC-19 87-88
Date Collected: 09/03/20 13:00
Date Received: 09/04/20 11:00

Lab Sample ID: 240-136127-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Sum of Steps 1-7	Analysis	6010B SEP		1	44106	11/02/20 10:26	DKW	TAL KNX

Client Sample ID: WGWC-19 87-88
Date Collected: 09/03/20 13:00
Date Received: 09/04/20 11:00

Lab Sample ID: 240-136127-1
Matrix: Solid
Percent Solids: 97.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	Total			43059	09/28/20 08:00	KNC	TAL KNX
Total/NA	Analysis	6010B		1	44042	10/29/20 14:47	KNC	TAL KNX
Step 1	SEP	Exchangeable			43060	09/28/20 08:00	KNC	TAL KNX
Step 1	Prep	3010A			43133	09/29/20 08:00	KNC	TAL KNX
Step 1	Analysis	6010B SEP		4	43944	10/27/20 13:00	KNC	TAL KNX
Step 2	SEP	Carbonate			43447	10/12/20 10:01	KNC	TAL KNX
Step 2	Prep	3010A			43460	10/13/20 08:00	KNC	TAL KNX
Step 2	Analysis	6010B SEP		3	43944	10/27/20 14:41	KNC	TAL KNX
Step 3	SEP	Non-Crystalline			43465	10/13/20 08:00	KNC	TAL KNX
Step 3	Prep	3010A			43495	10/14/20 08:00	KNC	TAL KNX
Step 3	Analysis	6010B SEP		1	43944	10/27/20 16:13	KNC	TAL KNX
Step 4	SEP	Metal Hydroxide			43496	10/14/20 08:00	KNC	TAL KNX
Step 4	Prep	3010A			43539	10/15/20 08:00	KNC	TAL KNX
Step 4	Analysis	6010B SEP		1	43997	10/28/20 12:52	KNC	TAL KNX
Step 5	SEP	Organic-Bound			43540	10/15/20 08:00	KNC	TAL KNX
Step 5	Prep	3010A			43604	10/19/20 08:00	KNC	TAL KNX
Step 5	Analysis	6010B SEP		5	43997	10/28/20 14:35	KNC	TAL KNX
Step 6	SEP	Acid/Sulfide			43605	10/19/20 08:00	KNC	TAL KNX
Step 6	Analysis	6010B SEP		1	43997	10/28/20 16:07	KNC	TAL KNX
Step 7	Prep	Residual			43637	10/20/20 08:00	KNC	TAL KNX
Step 7	Analysis	6010B SEP		1	44042	10/29/20 12:57	KNC	TAL KNX

Client Sample ID: WGWC-19 89-90
Date Collected: 09/03/20 13:05
Date Received: 09/04/20 11:00

Lab Sample ID: 240-136127-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Sum of Steps 1-7	Analysis	6010B SEP		1	44106	11/02/20 10:26	DKW	TAL KNX

Client Sample ID: WGWC-19 89-90
Date Collected: 09/03/20 13:05
Date Received: 09/04/20 11:00

Lab Sample ID: 240-136127-2
Matrix: Solid
Percent Solids: 96.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	Total			43059	09/28/20 08:00	KNC	TAL KNX
Total/NA	Analysis	6010B		1	44042	10/29/20 14:53	KNC	TAL KNX
Step 1	SEP	Exchangeable			43060	09/28/20 08:00	KNC	TAL KNX
Step 1	Prep	3010A			43133	09/29/20 08:00	KNC	TAL KNX
Step 1	Analysis	6010B SEP		4	43944	10/27/20 13:04	KNC	TAL KNX

Lab Chronicle

Client: Southern Company
Project/Site: Plant Wansley GW7327

Job ID: 240-136127-2

Client Sample ID: WGWC-19 89-90

Date Collected: 09/03/20 13:05
Date Received: 09/04/20 11:00

Lab Sample ID: 240-136127-2

Matrix: Solid
Percent Solids: 96.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Step 2	SEP	Carbonate			43447	10/12/20 10:01	KNC	TAL KNX
Step 2	Prep	3010A			43460	10/13/20 08:00	KNC	TAL KNX
Step 2	Analysis	6010B SEP		3	43944	10/27/20 14:46	KNC	TAL KNX
Step 3	SEP	Non-Crystalline			43465	10/13/20 08:00	KNC	TAL KNX
Step 3	Prep	3010A			43495	10/14/20 08:00	KNC	TAL KNX
Step 3	Analysis	6010B SEP		1	43944	10/27/20 16:27	KNC	TAL KNX
Step 4	SEP	Metal Hydroxide			43496	10/14/20 08:00	KNC	TAL KNX
Step 4	Prep	3010A			43539	10/15/20 08:00	KNC	TAL KNX
Step 4	Analysis	6010B SEP		1	43997	10/28/20 12:57	KNC	TAL KNX
Step 5	SEP	Organic-Bound			43540	10/15/20 08:00	KNC	TAL KNX
Step 5	Prep	3010A			43604	10/19/20 08:00	KNC	TAL KNX
Step 5	Analysis	6010B SEP		5	43997	10/28/20 14:40	KNC	TAL KNX
Step 6	SEP	Acid/Sulfide			43605	10/19/20 08:00	KNC	TAL KNX
Step 6	Analysis	6010B SEP		1	43997	10/28/20 16:26	KNC	TAL KNX
Step 7	Prep	Residual			43637	10/20/20 08:00	KNC	TAL KNX
Step 7	Analysis	6010B SEP		1	44042	10/29/20 13:02	KNC	TAL KNX

Laboratory References:

TAL KNX = Eurofins TestAmerica, Knoxville, 5815 Middlebrook Pike, Knoxville, TN 37921, TEL (865)291-3000

Accreditation/Certification Summary

Client: Southern Company
Project/Site: Plant Wansley GW7327

Job ID: 240-136127-2

Laboratory: Eurofins TestAmerica, Knoxville

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
	AFCEE	N/A	
ANAB	Dept. of Defense ELAP	L2311	02-13-22
ANAB	Dept. of Energy	L2311.01	02-13-22
ANAB	ISO/IEC 17025	L2311	02-13-22
ANAB	ISO/IEC 17025	L2311	02-14-22
Arkansas DEQ	State	88-0688	06-17-21
California	State	2423	06-30-21
Colorado	State	TN00009	02-28-21
Connecticut	State	PH-0223	09-30-21
Florida	NELAP	E87177	07-01-21
Georgia (DW)	State	906	12-11-22
Hawaii	State	NA	12-11-21
Kansas	NELAP	E-10349	11-01-20 *
Kentucky (DW)	State	90101	01-01-21
Louisiana	NELAP	LA110001	12-31-12 *
Louisiana	NELAP	83979	06-30-21
Louisiana (DW)	State	LA019	12-31-20
Maryland	State	277	03-31-21
Michigan	State	9933	12-11-22
Nevada	State	TN00009	07-31-21
New Hampshire	NELAP	299919	01-17-21
New Jersey	NELAP	TN001	07-01-21
New York	NELAP	10781	03-31-21
North Carolina (DW)	State	21705	07-31-21
North Carolina (WW/SW)	State	64	12-31-20
Ohio VAP	State	CL0059	06-02-23
Oklahoma	State	9415	08-31-21
Oregon	NELAP	TNI0189	01-02-21
Pennsylvania	NELAP	68-00576	12-31-20
Tennessee	State	02014	12-11-22
Texas	NELAP	T104704380-18-12	08-31-21
US Fish & Wildlife	US Federal Programs	058448	07-31-21
USDA	US Federal Programs	P330-19-00236	08-20-22
Utah	NELAP	TN00009	07-31-21
Virginia	NELAP	460176	09-14-21
Washington	State	C593	01-19-21
West Virginia (DW)	State	9955C	01-01-21
West Virginia DEP	State	345	05-01-21
Wisconsin	State	998044300	08-31-21

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Eurofins TestAmerica, Canton 4101 Shuffel
4101 Shuffel Street NW
North Canton, OH 44720-6900
Phone (330) 497-9396

Chain of Custody Record

2 of 3.5

eurofins Environment Testing America

Client Information	Sampler: Will Burke	Lab PM: Brown, Shali	Carrier Tracking No(s):	COC No:
Client Contact: Adria Reimer	Phone: 205-657-5949	E-Mail: shali.brown@testamericainc.com		Page: 1 of 1
Company: Geosyntec				Job #:
Address: 1255 Roberts Blvd NW, Suite 200	Due Date Requested:			
City: Kennesaw	TAT Requested (days): ~~3 day RUSH~~ 10			
State, Zip: GA 30144				
Phone: 678-202-9564	PO #:			
Email: areimer@geosyntec.com	WO #:			
Project Name: GW7327	Project #: 18019922			
Site: Plant Wansley	SSOW#:			

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	Particle Size Reduction	6020 Lithium	Sequential Extraction - Lithium	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
WGWC-19 87-88	9.3.20	1300	G	S			X	X	X		For samples ~~exhibiting [illegible]~~ - perform particle size reduction as needed to ensure homogeneous sample is analyzed
WGWC-19 89-90	"	1305	"	"			X	X	X		

240-136127 Chain of Custody

Possible Hazard Identification
[X] Non-Hazard [ ] Flammable [ ] Skin Irritant [ ] Poison B [ ] Unknown [ ] Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
[ ] Return To Client [ ] Disposal By Lab [X] Archive For 2 Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements: see special note above

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:		
Relinquished by:	Date/Time: 9/3/20 14:10	Company:	Received by:	Date/Time: 9-4-20 1100	Company: ETA
Relinquished by:	Date/Time:	Company:	Received by:	Date/Time:	Company:
Relinquished by:	Date/Time:	Company:	Received by:	Date/Time:	Company:

Custody Seals Intact: Δ Yes Δ No
Custody Seal No.:
Cooler Temperature(s) °C and Other Remarks:

Eurofins TestAmerica Canton Sample Receipt Form/Narrative
Canton Facility

Login # : 136127

Client GeoSyntec Site Name _____ Cooler unpacked by: Matt Simpson

Cooler Received on 9-4-20 Opened on 9-4-20

FedEx: 1st Grd Exp UPS FAS Clipper Client Drop Off TestAmerica Courier Other _____

Receipt After-hours: Drop-off Date/Time _____ Storage Location _____

TestAmerica Cooler # _____ Foam Box Client Cooler Box Other _____

Packing material used: Bubble Wrap Foam Plastic Bag None Other _____

COOLANT: Wet Ice Blue Ice Dry Ice Water None

1. Cooler temperature upon receipt ☐ See Multiple Cooler Form
   IR GUN# IR-10 (CF +0.7 °C) Observed Cooler Temp. _____ °C Corrected Cooler Temp. _____ °C
   IR GUN #IR-11 (CF +0.9°C) Observed Cooler Temp. 2.6 °C Corrected Cooler Temp. 3.5 °C
2. Were tamper/custody seals on the outside of the cooler(s)? If Yes Quantity 1 Yes No
   -Were the seals on the outside of the cooler(s) signed & dated? Yes No NA
   -Were tamper/custody seals on the bottle(s) or bottle kits (LLHg/MeHg)? Yes No
   -Were tamper/custody seals intact and uncompromised? Yes No NA
3. Shippers' packing slip attached to the cooler(s)? Yes No
4. Did custody papers accompany the sample(s)? Yes No
5. Were the custody papers relinquished & signed in the appropriate place? Yes No
6. Was/were the person(s) who collected the samples clearly identified on the COC? Yes No
7. Did all bottles arrive in good condition (Unbroken)? Yes No
8. Could all bottle labels be reconciled with the COC? Yes No
9. Were correct bottle(s) used for the test(s) indicated? Yes No
10. Sufficient quantity received to perform indicated analyses? Yes No
11. Are these work share samples? Yes No
    If yes, Questions 12-16 have been checked at the originating laboratory.
12. Were all preserved sample(s) at the correct pH upon receipt? Yes No NA pH Strip Lot# HC911298
13. Were VOAs on the COC? Yes No
14. Were air bubbles >6 mm in any VOA vials? ● ⬅ Larger than this. Yes No NA
15. Was a VOA trip blank present in the cooler(s)? Trip Blank Lot # _____ Yes No
16. Was a LL Hg or Me Hg trip blank present? _____ Yes No

Tests that are not checked for pH by Receiving:
VOAs
Oil and Grease
TOC

Contacted PM _____ Date _____ by _____ via Verbal Voice Mail Other

Concerning _____

17. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES

Samples processed by:

18. SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired.
Sample(s) _____ were received in a broken container.
Sample(s) _____ were received with bubble >6 mm in diameter. (Notify PM)

19. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in the laboratory.
Time preserved: _____ Preservative(s) added/Lot number(s): _____

VOA Sample Preservation - Date/Time VOAs Frozen: _____

WI-NC-099

Eurofins TestAmerica, Canton
4101 Shuffel Street NW
North Canton, OH 44720
Phone: 330-497-9396 Fax: 330-497-0772

Chain of Custody Record

eurofins | Environment Testing America

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Brown, Shali	Carrier Tracking No(s):	COC No: 240-124993.1
Client Contact: Shipping/Receiving	Phone:	E-Mail: Shali.Brown@Eurofinset.com	State of Origin: Georgia	Page: Page 1 of 1
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note):		Job #: 240-136127-2
Address: 5815 Middlebrook Pike, ,	Due Date Requested: 9/22/2020			
City: Knoxville	TAT Requested (days):			
State, Zip: TN, 37921				
Phone: 865-291-3000(Tel) 865-584-4315(Fax)	PO #:			
Email:	WO #:			
Project Name: CCR - Plant Wansley	Project #: 18019922			
Site: Wansley CCR	SSOW#:			

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA
M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)
Other:

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6010B_SEP/SEP1_MgSO4 (MOD) Step 1	6010B_SEP/SEP2_NaOAc (MOD) Step 2	6010B_SEP/SEP3_Oxalate (MOD) Step 3	6010B_SEP/SEP4_Hydroxyl (MOD) Step 4	6010B_SEP/SEP5_NaClO (MOD) Step 5	6010B_SEP_Calc/ (MOD) SEP Totals (As Fe and Mn)	6010B/SEP_Tot_Prep (MOD) Total	6010B_SEP/SEP7_LM_Prep (MOD) Step 7	6010B_SEP/SEP6_Acid (MOD) Step 6					Total Number of containers	Special Instructions/Note:
			Preservation Code:																		
WGWC-19 87-88 (240-136127-1)	9/3/20	13:00 Eastern		Solid			X	X	X	X	X	X	X	X	X					1	
WGWC-19 89-90 (240-136127-2)	9/3/20	13:05 Eastern		Solid			X	X	X	X	X	X	X	X	X					1	

NO CUSTODY SEALS
RECEIVED AT LT 0.6/CT 0.6°C
BAD 9-10-20
1 COOLER FEDEX# 9148753D12510 PO

240-136127 Chain of Custody

Note: Since laboratory accreditations are subject to change, Eurofins TestAmerica places the ownership of method, analyte & accreditation compliance upon out subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins TestAmerica laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins TestAmerica attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said complicance to Eurofins TestAmerica.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
C. Kent	9-9-20 1620	240	[illegible]	9-10-20 10:30	FEDEX
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:

Ver: 01/16/2019

Loc: 240
136127

EUROFINS/TESTAMERICA KNOXVILLE SAMPLE RECEIPT/CONDITION UPON RECEIPT ANOMALY CHECKLIST **Log In Number:**

Review Items	Yes	No	NA	If No, what was the problem?	Comments/Actions Taken
1. Are the shipping containers intact?	✓			☐ **Containers, Broken**	
2. Were ambient air containers received intact?			✓	☐ Checked in lab	
3. The coolers/containers custody seal if present, is it intact?			✓	☐ Yes ☐ NA	
4. Is the cooler temperature within limits? (> freezing temp. of water to 6°C, VOST: 10°C) Thermometer ID : 5668 Correction factor: 0.0	✓			☐ **Cooler Out of Temp, Client Contacted, Proceed/Cancel** ☐ **Cooler Out of Temp, Same Day Receipt**	
5. Were all of the sample containers received intact?	✓			☐ **Containers, Broken**	
6. Were samples received in appropriate containers?	✓			☐ **Containers, Improper; Client Contacted; Proceed/Cancel**	
7. Do sample container labels match COC? (IDs, Dates, Times)	✓			☐ **COC & Samples Do Not Match** ☐ **COC Incorrect/Incomplete** ☐ **COC Not Received**	
8. Were all of the samples listed on the COC received?	✓			☐ **Sample Received, Not on COC** ☐ **Sample on COC, Not Received**	
9. Is the date/time of sample collection noted?	✓			☐ **COC; No Date/Time; Client Contacted**	**Labeling Verified by:** **Date:**
10. Was the sampler identified on the COC?			✓	☐ **Sampler Not Listed on COC**	
11. Is the client and project name/# identified?	✓			☐ **COC Incorrect/Incomplete**	**pH test strip lot number:**
12. Are tests/parameters listed for each sample?	✓			☐ **COC No tests on COC**	
13. Is the matrix of the samples noted?	✓			☐ **COC Incorrect/Incomplete**	
14. Was COC relinquished? (Signed/Dated/Timed)	✓			☐ **COC Incorrect/Incomplete**	
15. Were samples received within holding time?	✓			☐ **Holding Time - Receipt**	
16. Were samples received with correct chemical preservative (excluding Encore)?			✓	☐ **pH Adjusted, pH Included (See box 16A)** ☐ **Incorrect Preservative**	
17. Were VOA samples received without headspace?			✓	☐ **Headspace (VOA only)**	
18. Did you check for residual chlorine, if necessary? (e.g. 1613B, 1668) Chlorine test strip lot number:			✓	☐ **Residual Chlorine**	
19. For 1613B water samples is pH<9?			✓	☐ If no, notify lab to adjust	
20. For rad samples was sample activity info. Provided?			✓	☐ Project missing info	

	Box 16A: pH Preservation	Box 18A: Residual Chlorine
Preservative:		
Lot Number:		
Exp Date:		
Analyst:		
Date:		
Time:		

Project #: _____ PM Instructions: _____

Sample Receiving Associate: [signature] Date: 9-10-20

QA026R32.doc, 062719

APPENDIX C

Laboratory Analytical Report

SGS Canada Inc.
P.O. Box 4300 - 185 Concession St.
Lakefield - Ontario - KOL 2HO
Phone: 705-652-2000 FAX: 705-652-6365

Trace Metals - Strong Acid Digest, ICP-MS

Project : WO-GW11293-3399

04-February-2025

Geosyntec Consultant
Attn : Courtney Collins

1255 Roberts Blvd, Kennesaw
USA, 30144
Phone: 678-718-4771, Fax:

Date Rec. : 31 December 2024
LR Report: **CA19524-DEC24**
Reference: GW11293 - WO-GW11293-3399

Copy: #1

CERTIFICATE OF ANALYSIS

Final Report

Analysis	1: Analysis Start Date	2: Analysis Start Time	3: Analysis Completed Date	4: Analysis Completed Time	5: WAWM-1 (84-89')	6: WGWC-21 (58.68-68.68')
Sample Date & Time					19-Dec-24 15:00	19-Dec-24 15:10
Ag [µg/g]	08-Jan-25	14:02	10-Jan-25	08:37	< 0.5	< 0.5
Al [µg/g]	08-Jan-25	14:02	10-Jan-25	08:37	50000	61000
As [µg/g]	08-Jan-25	14:02	10-Jan-25	08:37	< 0.5	1.1
Ba [µg/g]	08-Jan-25	14:02	10-Jan-25	08:37	224	198
Be [µg/g]	08-Jan-25	14:02	10-Jan-25	08:37	1.2	6.3
Bi [µg/g]	08-Jan-25	14:02	10-Jan-25	08:37	0.16	0.35
Ca [µg/g]	08-Jan-25	14:02	10-Jan-25	08:37	24000	5400
Cd [µg/g]	08-Jan-25	14:02	10-Jan-25	08:37	0.10	0.05
Co [µg/g]	08-Jan-25	14:02	10-Jan-25	08:37	15	1.1
Cr [µg/g]	08-Jan-25	14:02	10-Jan-25	08:37	138	125
Cu [µg/g]	08-Jan-25	14:02	10-Jan-25	08:37	41	4.6
Fe [µg/g]	08-Jan-25	14:02	10-Jan-25	08:37	37000	9700
K [µg/g]	08-Jan-25	14:02	10-Jan-25	08:37	7000	39000
Li [µg/g]	08-Jan-25	14:02	10-Jan-25	08:37	41	40
Mg [µg/g]	08-Jan-25	14:02	10-Jan-25	08:37	9900	1100

OnLine LIMS

0058904000

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Test method information available upon request. “Temperature Upon Receipt” is representative of the whole shipment and may not reflect the temperature of individual samples.
SGS Canada Inc. Environment-Health & Safety statement of conformity decision rule does not consider uncertainty when analytical results are compared to a specified standard or regulation.

SGS Canada Inc.
P.O. Box 4300 - 185 Concession St.
Lakefield - Ontario - KOL 2HO
Phone: 705-652-2000 FAX: 705-652-6365

Trace Metals - Strong Acid Digest, ICP-MS

Project : WO-GW11293-3399

LR Report : **CA19524-DEC24**

Analysis	1: Analysis Start Date	2: Analysis Start Time	3: Analysis Completed Date	4: Analysis Completed Time	5: WAWM-1 (84-89')	6: WGWC-21 (58.68-68.68')
Mn [µg/g]	08-Jan-25	14:02	10-Jan-25	08:37	660	324
Mo [µg/g]	08-Jan-25	14:02	10-Jan-25	08:37	2.7	20.2
Ni [µg/g]	08-Jan-25	14:02	10-Jan-25	08:37	22	2.2
Pb [µg/g]	08-Jan-25	14:02	10-Jan-25	08:37	8	22
Sb [µg/g]	08-Jan-25	14:02	10-Jan-25	08:37	< 0.8	< 0.8
Se [µg/g]	08-Jan-25	14:02	10-Jan-25	08:37	0.1	0.1
Sn [µg/g]	08-Jan-25	14:02	10-Jan-25	08:37	< 6	14
Sr [µg/g]	08-Jan-25	14:02	10-Jan-25	08:37	155	52
Ti [µg/g]	08-Jan-25	14:02	10-Jan-25	08:37	2600	1100
Tl [µg/g]	08-Jan-25	14:02	10-Jan-25	08:37	0.34	1.4
U [µg/g]	08-Jan-25	14:02	10-Jan-25	08:37	0.91	8.07
V [µg/g]	08-Jan-25	14:02	10-Jan-25	08:37	110	5.8
Y [µg/g]	08-Jan-25	14:02	10-Jan-25	08:37	13.4	63.5
Zn [µg/g]	08-Jan-25	14:02	10-Jan-25	08:37	56	24

Alisha Kelly, B.Sc.,
Project Specialist,
Environment, Health & Safety

OnLine LIMS

0004008850

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SGS Canada Inc.
P.O. Box 4300 - 185 Concession St.
Lakefield - Ontario - KOL 2HO
Phone: 705-652-2000 FAX: 705-652-6365

Trace Metals - Strong Acid Digest, ICP-MS

Project : WO-GW11293-3399

LR Report : **CA19524-DEC24**

Quality Control Report

Inorganic Analysis													
Parameter	Reporting Limit	Unit	Method Blank	Duplicate				LCS / Spike Blank			Matrix Spike / Reference Material		
				Result 1	Result 2	RPD	Acceptance Criteria	Spike Recovery (%)	Recovery Limits (%)		Spike Recovery (%)	Recovery Limits (%)	
							%		Low	High		Low	High
**QCR_SubCategory* - QCBatchID: EMS0053-JAN25*													
Calcium	3	µg/g	<3			2		102					
Potassium	3	µg/g	<3			5		102					
Metals - Microwave/ICP-MS - QCBatchID: EMS0053-JAN25													
Aluminum	3	µg/g	<3			1	20	104	70	130			
Antimony	0.8	µg/g	<0.8			ND	20	105	70	130			
Arsenic	0.5	µg/g	<0.5			2	20	98	70	130			
Barium	0.01	µg/g	<0.01			0	20	97	70	130			
Beryllium	0.02	µg/g	<0.02			17	20	95	70	130			
Bismuth	0.09	µg/g	<0.09			ND	20	99	70	130			
Cadmium	0.02	µg/g	<0.02			15	20	104	70	130			
Chromium	0.5	µg/g	<0.5			1	20	101	70	130			
Cobalt	0.01	µg/g	<0.01			0	20	98	70	130			
Copper	0.1	µg/g	<0.1			10	20	99	70	130			
Iron	3	µg/g	<3			19	20	102	70	130			
Lead	0.05	µg/g	<0.05			ND	20	98	70	130			
Lithium	2	µg/g	<2			2	20	96	70	130			
Magnesium	3	µg/g	<0.1			0	20	104	70	130			
Manganese	0.1	µg/g	<0.1			2	20	102	70	130			
Molybdenum	0.1	µg/g	<0.1			3	20	98	70	130			
Nickel	0.1	µg/g	<0.1			0	20	102	70	130			
Selenium	0.1	µg/g	<0.1			2	20	102	70	130			
Silver	0.5	µg/g	<0.01			ND	20	107	70	130			
Strontium	0.02	µg/g	<0.02			1	20	101	70	130			
Thallium	0.02	µg/g	<0.02			ND	20	NV	70	130			
Tin	6	µg/g	<6			ND	20	106	70	130			
Titanium	0.1	µg/g	<0.1			18	20	98	70	130			
Uranium	0.002	µg/g	<0.002			2	20	102	70	130			
Vanadium	1	µg/g	<1			5	20	99	70	130			
Yttrium	0.004	µg/g	<0.004			5	20	98	70	130			
Zinc	0.7	µg/g	<0.7			0	20	104	70	130			

OnLine LIMS

0004006850

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SGS Canada Inc.
P.O. Box 4300 - 185 Concession St.
Lakefield - Ontario - KOL 2HO
Phone: 705-652-2000 FAX: 705-652-6365

Trace Metals - Strong Acid Digest, ICP-MS

Project : PO800007551

20-August-2024

Geosyntec Consultant
Attn : Courtney Collins

1255 Roberts Blvd
Kennesaw, Georgia
30144, USA

Phone: 678-718-4771
Fax:

Date Rec. : 30 July 2024
LR Report: **CA19723-JUL24**
Reference: GW7327B; PO800007551

Copy: #1

CERTIFICATE OF ANALYSIS
Final Report

Analysis	1: Analysis Start Date	2: Analysis Start Time	3: Analysis Completed Date	4: Analysis Completed Time	5: WAN-265-275-0629 2024	6: WAN-239-249-0629 2024	7: WAN-399-409-0629 2024	8: WAN-395-409-0629 2024
Sample Date & Time					29-Jun-24 12:00	29-Jun-24 12:05	29-Jun-24 12:10	29-Jun-24 12:15
Ag [µg/g]	19-Aug-24	12:24	20-Aug-24	11:45	< 0.5	< 0.5	< 0.5	< 0.5
Al [µg/g]	19-Aug-24	12:24	20-Aug-24	11:45	62000	58000	71000	66000
As [µg/g]	19-Aug-24	12:24	20-Aug-24	11:45	1.2	1.2	1.2	1.0
Ba [µg/g]	19-Aug-24	12:24	20-Aug-24	11:45	400	130	640	610
Be [µg/g]	19-Aug-24	12:24	20-Aug-24	11:45	5.3	5.3	2.1	2.3
Bi [µg/g]	19-Aug-24	12:24	20-Aug-24	11:45	0.13	< 0.09	0.14	0.12
Ca [µg/g]	19-Aug-24	12:24	20-Aug-24	11:45	7600	5500	28000	19000
Cd [µg/g]	19-Aug-24	12:24	20-Aug-24	11:45	0.08	0.03	0.14	0.08
Co [µg/g]	19-Aug-24	12:24	20-Aug-24	11:45	5.5	1.5	12	8.2
Cr [µg/g]	19-Aug-24	12:24	20-Aug-24	11:45	90	100	89	130
Cu [µg/g]	19-Aug-24	12:24	20-Aug-24	11:45	5.8	3.6	16	4.3
Fe [µg/g]	19-Aug-24	12:24	20-Aug-24	11:45	20000	11000	31000	25000
K [µg/g]	19-Aug-24	12:24	20-Aug-24	11:45	34000	38000	25000	32000
Li [µg/g]	19-Aug-24	12:24	20-Aug-24	11:45	77	31	38	34
Mg [µg/g]	19-Aug-24	12:24	20-Aug-24	11:45	5200	1300	11000	7800
Mn [µg/g]	19-Aug-24	12:24	20-Aug-24	11:45	480	320	680	620
Mo [µg/g]	19-Aug-24	12:24	20-Aug-24	11:45	2.6	4.2	0.6	3.1
Ni [µg/g]	19-Aug-24	12:24	20-Aug-24	11:45	10	3.4	13	9.3
Pb [µg/g]	19-Aug-24	12:24	20-Aug-24	11:45	30	20	25	24
Sb [µg/g]	19-Aug-24	12:24	20-Aug-24	11:45	< 0.8	< 0.8	< 0.8	< 0.8
Se [µg/g]	19-Aug-24	12:24	20-Aug-24	11:45	0.3	0.4	0.3	0.3
Sn [µg/g]	19-Aug-24	12:24	20-Aug-24	11:45	< 6	< 6	< 6	< 6
Sr [µg/g]	19-Aug-24	12:24	20-Aug-24	11:45	95	44	246	180
Ti [µg/g]	19-Aug-24	12:24	20-Aug-24	11:45	2500	1200	3500	2700
Tl [µg/g]	19-Aug-24	12:24	20-Aug-24	11:45	1.4	1.4	0.65	0.81
U [µg/g]	16-Aug-24	15:06	20-Aug-24	11:45	8.21	7.97	3.32	3.69
V [µg/g]	19-Aug-24	12:24	20-Aug-24	11:45	33	9.0	84	61
Y [µg/g]	19-Aug-24	12:24	20-Aug-24	11:45	36	52	24	23
Zn [µg/g]	19-Aug-24	12:24	20-Aug-24	11:45	59	21	62	62

Analysis	9: WAN-279-289-0629 2024	10: WAN-339-349-0629 2024	11: WAN-309-319-0629 2024
Sample Date & Time	29-Jun-24 12:20	29-Jun-24 12:25	29-Jun-24 12:30
Ag [µg/g]	< 0.5	< 0.5	< 0.5

OnLine LIMS

0003825892

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SGS Canada Inc.
P.O. Box 4300 - 185 Concession St.
Lakefield - Ontario - KOL 2HO
Phone: 705-652-2000 FAX: 705-652-6365

Trace Metals - Strong Acid Digest, ICP-MS

Project : PO800007551

LR Report : **CA19723-JUL24**

Analysis	9: WAN-279-289-0629 2024	10: WAN-339-349-0629 2024	11: WAN-309-319-0629 2024
Al [µg/g]	57000	58000	55000
As [µg/g]	0.9	1.4	1.2
Ba [µg/g]	450	220	200
Be [µg/g]	2.8	6.1	3.2
Bi [µg/g]	0.27	0.19	0.14
Ca [µg/g]	7000	4600	2900
Cd [µg/g]	0.10	0.08	0.08
Co [µg/g]	14	0.93	0.81
Cr [µg/g]	170	46	46
Cu [µg/g]	37	2.2	2.4
Fe [µg/g]	36000	9800	9200
K [µg/g]	23000	40000	43000
Li [µg/g]	120	13	11
Mg [µg/g]	13000	650	400
Mn [µg/g]	770	340	190
Mo [µg/g]	0.5	3.8	2.0
Ni [µg/g]	32	2.5	2.4
Pb [µg/g]	27	28	23
Sb [µg/g]	< 0.8	< 0.8	< 0.8
Se [µg/g]	0.3	0.5	0.4
Sn [µg/g]	9	< 6	< 6
Sr [µg/g]	58	31	27
Ti [µg/g]	4500	1000	1000
Tl [µg/g]	0.93	1.2	1.5
U [µg/g]	2.07	7.14	5.31
V [µg/g]	84	3.2	3.1
Y [µg/g]	15	52	39
Zn [µg/g]	85	56	47

Method Descriptions

Parameter	Units	SGS Method Code
	µg/g	ME-CA-[ENV]SPE-LAK-AN-001
	µg/g	ME-CA-[ENV]SPE-LAK-AN-013
Metals - Microwave/ICP-MS	µg/g	ME-CA-[ENV]SPE-LAK-AN-007
Metals - Microwave/ICP-MS	µg/g	ME-CA-[ENV]SPE-LAK-AN-013

Catharine Arnold

Catharine Arnold, B.Sc., C.Chem
Project Specialist,
Environment, Health & Safety

OnLine LIMS

0003825892

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Lakefield - Ontario - KOL 2HO
Phone: 705-652-2000 FAX: 705-652-6365

Trace Metals - Strong Acid Digest, ICP-MS

Project : PO800007551

LR Report : **CA19723-JUL24**

Quality Control Report

Inorganic Analysis													
Parameter	Reporting Limit	Unit	Method Blank	Duplicate				LCS / Spike Blank			Matrix Spike / Reference Material		
				Result 1	Result 2	RPD	Acceptance Criteria	Spike Recovery (%)	Recovery Limits (%)		Spike Recovery (%)	Recovery Limits (%)	
							%		Low	High		Low	High
**QCR_SubCategory* - QCBatchID: EMS0126-AUG24*													
Calcium	3	µg/g	<3			2		102			81		
Potassium	3	µg/g	<3			3		103			93		
Metals - Microwave/ICP-MS - QCBatchID: EMS0126-AUG24													
Aluminum	3	µg/g	<3			2	20	102	70	130	77	70	130
Antimony	0.8	µg/g	<0.8			ND	20	96	70	130	85	70	130
Arsenic	0.5	µg/g	<0.5			6	20	105	70	130	95	70	130
Barium	0.01	µg/g	<0.01			5	20	102	70	130	92	70	130
Beryllium	0.02	µg/g	<0.02			3	20	107	70	130	90	70	130
Bismuth	0.09	µg/g	<0.09			ND	20	100	70	130	NV	70	130
Cadmium	0.02	µg/g	<0.02			10	20	107	70	130	NV	70	130
Chromium	0.5	µg/g	<0.5			0	20	108	70	130	88	70	130
Cobalt	0.01	µg/g	<0.01			1	20	107	70	130	95	70	130
Copper	0.1	µg/g	<0.1			0	20	102	70	130	102	70	130
Iron	3	µg/g	<3			4	20	103	70	130	97	70	130
Lead	0.05	µg/g	<0.05			18	20	102	70	130	102	70	130
Lithium	2	µg/g	<2			5	20	102	70	130	99	70	130
Magnesium	3	µg/g	<3			1	20	106	70	130	99	70	130
Manganese	0.1	µg/g	<0.1			1	20	105	70	130	93	70	130
Molybdenum	0.1	µg/g	<0.1			1	20	102	70	130	106	70	130
Nickel	0.1	µg/g	<0.1			4	20	108	70	130	110	70	130
Selenium	0.1	µg/g	<0.1			15	20	104	70	130	NV	70	130
Silver	0.5	µg/g	<0.5			ND	20	106	70	130	NV	70	130
Strontium	0.02	µg/g	<0.02			3	20	104	70	130	93	70	130
Thallium	0.02	µg/g	<0.02			3	20	97	70	130	NV	70	130
Tin	6	µg/g	<6			ND	20	103	70	130	NV	70	130
Titanium	0.1	µg/g	<0.1			1	20	99	70	130	95	70	130
Uranium	0.002	µg/g	<0.002			4	20	102	70	130	92	70	130
Vanadium	1	µg/g	<1			6	20	109	70	130	103	70	130
Yttrium	0.004	µg/g	<0.004			2	20	109	70	130	NV	70	130
Zinc	0.7	µg/g	<0.7			3	20	108	70	130	103	70	130

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SGS Canada Inc.
P.O. Box 4300 - 185 Concession St.
Lakefield - Ontario - KOL 2HO
Phone: 705-652-2000 FAX: 705-652-6365

22-November-2022

SiREM Laboratory
Attn : Jacques Smith

180B Market Place Blvd
Knoxville, Tennesse
37922, USA

Phone: 865-291-4695
Fax:

Date Rec. : 12 October 2022
LR Report: **CA19112-OCT22**
Reference: Plant Wansley
SIREMLABUS.02. 10. 8151

Copy: #1

CERTIFICATE OF ANALYSIS
Final Report

Analysis	1: Analysis Start Date	2: Analysis Start Time	3: Analysis Completed Date	4: Analysis Completed Time	5: WGWC-20	6: WGWC-21	7: WGWC-26D (36-40)	8: WGWC-26D (32-36)
Ag [µg/g]	26-Oct-22	17:22	01-Nov-22	08:24	< 0.5	< 0.5	< 0.5	< 0.5
Al [µg/g]	26-Oct-22	17:22	01-Nov-22	08:24	67000	68000	72000	71000
As [µg/g]	26-Oct-22	17:22	01-Nov-22	08:24	6.8	2.3	2.3	1.5
Ba [µg/g]	26-Oct-22	17:22	01-Nov-22	08:24	120	130	91	140
Be [µg/g]	26-Oct-22	17:22	01-Nov-22	08:24	6	5	7	6
Bi [µg/g]	26-Oct-22	17:22	01-Nov-22	08:24	2	0.22	3	1
Ca [µg/g]	26-Oct-22	17:22	01-Nov-22	08:24	3800	5600	3700	4400
Cd [µg/g]	26-Oct-22	17:22	01-Nov-22	08:24	0.05	0.08	0.07	0.04
Co [µg/g]	26-Oct-22	17:22	01-Nov-22	08:24	1	1	0.62	0.71
Cr [µg/g]	26-Oct-22	17:22	01-Nov-22	08:24	44	50	40	38
Cu [µg/g]	26-Oct-22	17:22	01-Nov-22	08:24	3.9	8.4	3.6	2.9
Fe [µg/g]	26-Oct-22	17:22	01-Nov-22	08:24	7600	10000	6000	7100
K [µg/g]	26-Oct-22	17:22	01-Nov-22	08:24	38000	42000	42000	41000
Li [µg/g]	26-Oct-22	17:22	01-Nov-22	08:24	30	30	31	20
Mg [µg/g]	26-Oct-22	17:22	01-Nov-22	08:24	900	1100	360	270
Mn [µg/g]	26-Oct-22	17:22	01-Nov-22	08:24	390	340	320	350
Mo [µg/g]	26-Oct-22	17:22	01-Nov-22	08:24	1.0	22	1.9	3.0
Na [µg/g]	26-Oct-22	17:22	01-Nov-22	08:24	26000	24000	27000	29000
Ni [µg/g]	26-Oct-22	17:22	01-Nov-22	08:24	4.4	2.9	3.4	2.4
P [µg/g]	26-Oct-22	17:22	01-Nov-22	08:24	48	110	47	52
Pb [µg/g]	26-Oct-22	17:22	01-Nov-22	08:24	22	23	25	25
Sb [µg/g]	26-Oct-22	17:22	01-Nov-22	08:24	< 0.8	< 0.8	< 0.8	< 0.8
Se [µg/g]	26-Oct-22	17:22	01-Nov-22	08:24	< 0.7	< 0.7	< 0.7	< 0.7
Sn [µg/g]	26-Oct-22	17:22	01-Nov-22	08:24	< 6	< 6	< 6	< 6
Sr [µg/g]	26-Oct-22	17:22	01-Nov-22	08:24	90	46	87	159
Ti [µg/g]	26-Oct-22	17:22	01-Nov-22	08:24	830	1100	700	500
Tl [µg/g]	26-Oct-22	17:22	01-Nov-22	08:24	1	1	2	1

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0003129408

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P.O. Box 4300 - 185 Concession St.
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Phone: 705-652-2000 FAX: 705-652-6365

LR Report : **CA19112-OCT22**

Analysis	1: Analysis Start Date	2: Analysis Start Time	3: Analysis Completed Date	4: Analysis Completed Time	5: WGWC-20	6: WGWC-21	7: WGWC-26D (36-40)	8: WGWC-26D (32-36)
U [µg/g]	26-Oct-22	17:22	01-Nov-22	08:24	5.20	9.41	11.3	8.95
V [µg/g]	26-Oct-22	17:22	01-Nov-22	08:24	5.5	5.2	3.5	2.9
Y [µg/g]	26-Oct-22	17:22	01-Nov-22	08:24	25.6	57.6	49.2	40.8
Zn [µg/g]	26-Oct-22	17:22	01-Nov-22	08:24	22	31	18	19

Catharine Arnold, B.Sc., C.Chem
Project Specialist,
Environment, Health & Safety

OnLine LIMS

0003129408

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SGS Canada Inc. Environment-Health & Safety statement of conformity decision rule does not consider uncertainty when analytical results are compared to a specified standard or regulation.

Quantitative X-Ray Diffraction by Rietveld Refinement

Report Prepared for:	*Geosyntec Consultant* *1255 Roberts Blvd, Kennesaw USA, 30144*
Project Number/ LIMS No.	*Custom XRD/CA19532-DEC24/MI4511-JAN25*
Sample Receipt:	*January 7, 2025*
Sample Analysis:	*January 21, 2025*
Reporting Date:	*February 4, 2025*

Instrument:	BRUKER AXS D8 Advance Diffractometer
Test Conditions:	Co radiation, 35 kV, 40 mA; Detector: LYNXEYE_XE_T Regular Scanning: Step: 0.02°, Step time:0.5s, 2θ range: 6-80°
Interpretations :	PDF2/PDF4 powder diffraction databases issued by the International Center for Diffraction Data (ICDD). Diffrac Eva and Topas software.
Detection Limit :	0.5-2%. Strongly dependent on crystallinity.

Contents:

1) Method Summary
2) Quantitative XRD Results
3) XRD Pattern(s)

Zhihai (Adrian) Zhang, Ph.D
Mineralogist

Kim Gibbs, H.B.Sc., P.Geo.
Senior Mineralogist

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Method Summary

The Rietveld Method of Mineral Identification by XRD (ME-LR-MIN-MET-MN-D05) method used by SGS Natural Resources is accredited to the requirements of ISO/IEC 17025.

Mineral Identification and Interpretation:

Mineral identification and interpretation involves matching the diffraction pattern of an unknown material to patterns of single-phase reference materials. The reference patterns are compiled by the Joint Committee on Powder Diffraction Standards - International Center for Diffraction Data (JCPDS-ICDD) database and released on software as Powder Diffraction Files (PDF).

Interpretations do not reflect the presence of non-crystalline and/or amorphous compounds, except when internal standards have been added by request. Mineral proportions may be strongly influenced by crystallinity, crystal structure and preferred orientations. Mineral or compound identification and quantitative analysis results should be accompanied by supporting chemical assay data or other additional tests.

Quantitative Rietveld Analysis:

Quantitative Rietveld Analysis is performed by using Diffrac Topas 7 (Bruker), a graphics based profile analysis program built around a non-linear least squares fitting system, to determine the amount of different phases present in a multicomponent sample. Whole pattern analyses are predicated by the fact that the X-ray diffraction pattern is a total sum of both instrumental and specimen factors. Unlike other peak intensity-based methods, the Rietveld method uses a least squares approach to refine a theoretical line profile until it matches the obtained experimental patterns.

Rietveld refinement is completed with a set of minerals specifically identified for the sample. Zero values indicate that the mineral was included in the refinement calculations, but the calculated concentration was less than 0.05wt%. Minerals not identified by the analyst are not included in refinement calculations for specific samples and are indicated with a dash.

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Summary of Rietveld Quantitative Analysis X-Ray Diffraction Results

Mineral/Compound	WAWM-1 JAN4511-01 (wt %)	WGWC-21 JAN4511-02 (wt %)	WGWC-20 JAN4511-03 (wt %)
Quartz	26.2	36.6	35.7
Chlorite	5.7	0.7	-
Biotite	1.9	0.3	-
Actinolite	15.2	-	-
Microcline	1.8	30.1	27.8
Albite	47.8	30.0	32.2
Ankerite	0.1	-	-
Diopside	1.5	-	-
Muscovite	-	2.4	3.0
Kaolinite	-	-	1.2
TOTAL	100	100	100

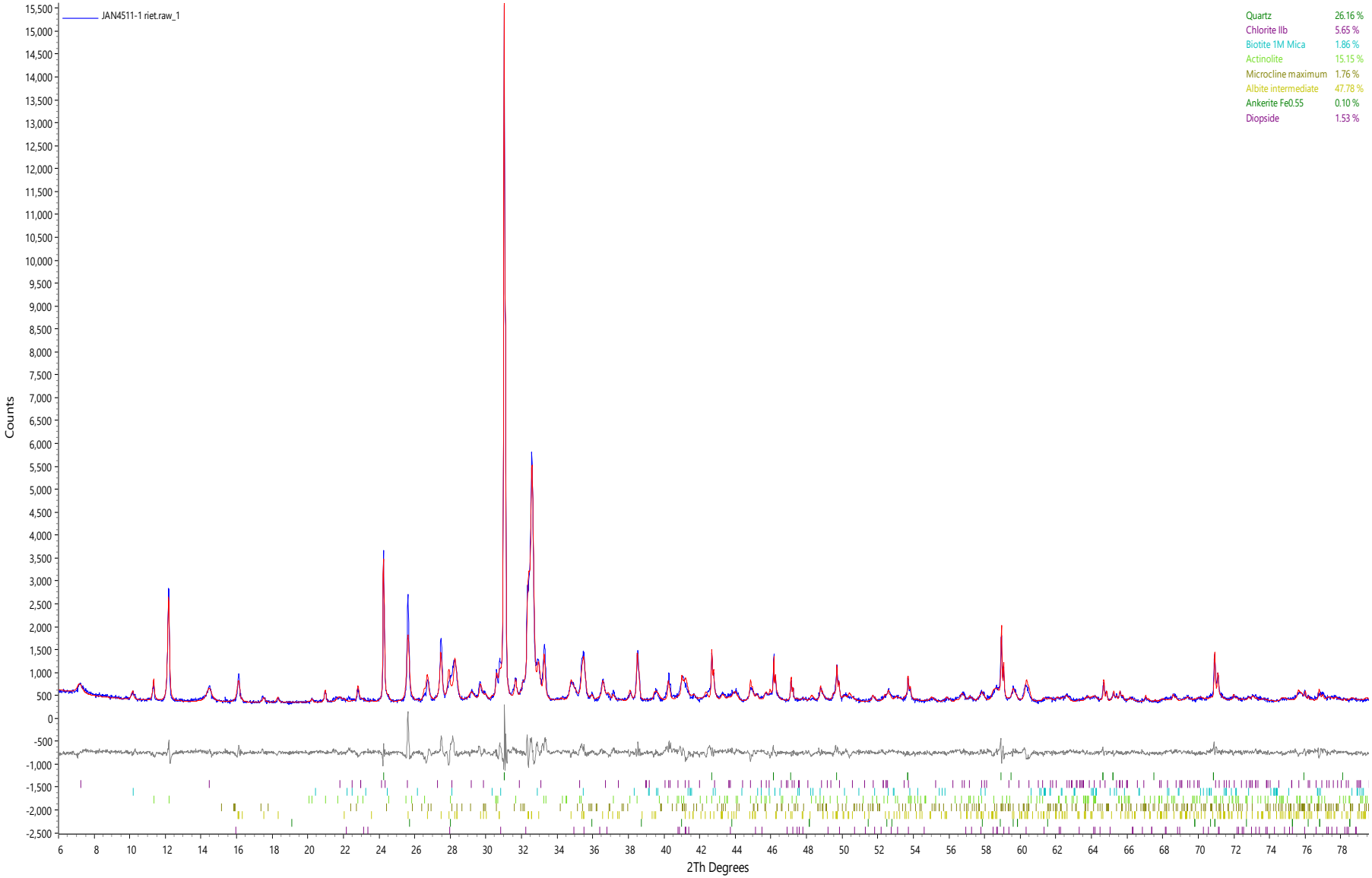
Zero values indicate that the mineral was included in the refinement, but the calculated concentration is below a measurable value.

Dashes indicate that the mineral was not identified by the analyst and not included in the refinement calculation for the sample.

The weight percent quantities indicated have been normalized to a sum of 100%. The quantity of amorphous material has not been determined.

Mineral/Compound	Formula
Quartz	SiO_2
Chlorite	$(Fe,(Mg,Mn)_5,Al)(Si_3Al)O_{10}(OH)_8$
Biotite	$K(Mg,Fe)_3(AlSi_3O_{10})(OH)_2$
Actinolite	$Ca_2(Mg,Fe)_5Si_8O_{22}(OH)_2$
Microcline	$KAlSi_3O_8$
Albite	$NaAlSi_3O_8$
Ankerite	$CaFe(CO_3)_2$
Diopside	$CaMgSi_2O_6$
Muscovite	$KAl_2(AlSi_3O_{10})(OH)_2$
Kaolinite	$Al_2Si_2O_5(OH)_4$

WAWM-1 (84-89')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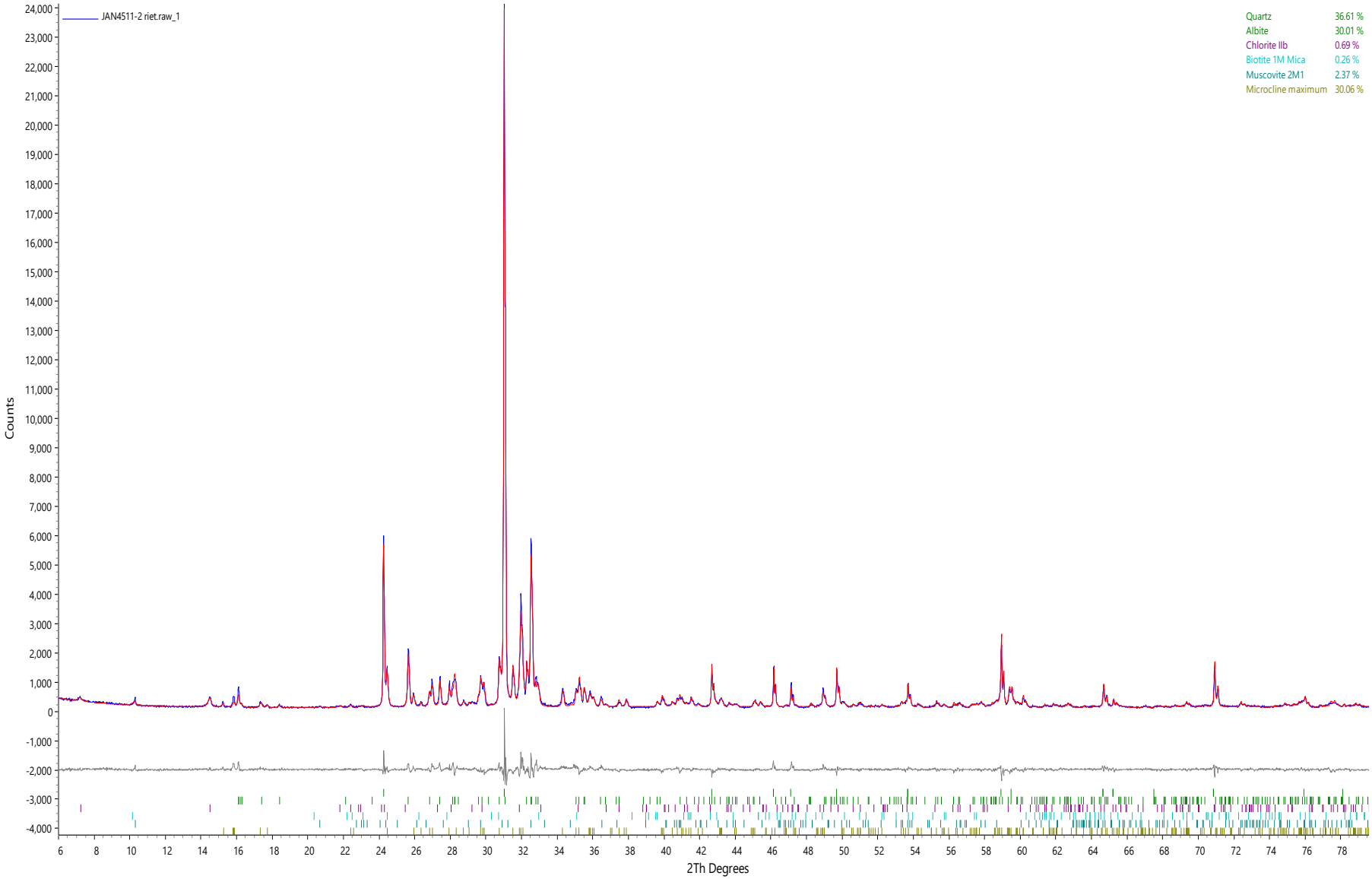
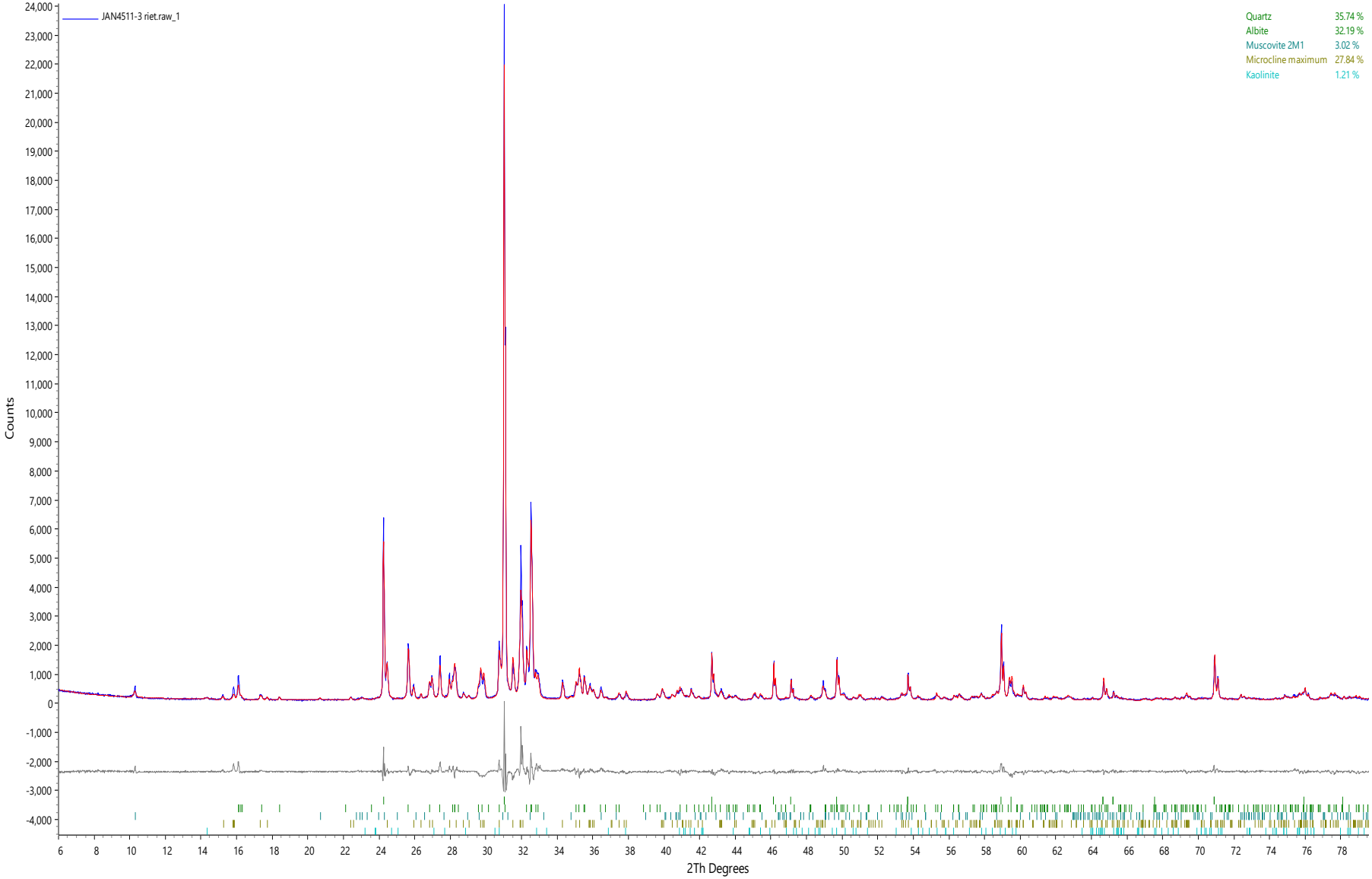
Quartz 26.16 %
Chlorite IIb 5.65 %
Biotite 1M Mica 1.86 %
Actinolite 15.15 %
Microcline maximum 1.76 %
Albite intermediate 47.78 %
Ankerite Fe0.55 0.10 %
Diopside 1.53 %
Counts
2Th Degrees

WGWC-21 (58.68-68.68")



WGWC-20 (33-38")


JAN4511-3 riet.raw_1
Quartz 35.74 %
Albite 32.19 %
Muscovite 2M1 3.02 %
Microcline maximum 27.84 %
Kaolinite 1.21 %
Counts
2Th Degrees

Quantitative X-Ray Diffraction by Rietveld Refinement

Report Prepared for:	*Geosyntec Consultant* *1255 Roberts Blvd Kennesaw, Georgia 30144, USA*
Project Number/ LIMS No.	*Custom XRD/CA19348-SEP24/MI4505-SEP24*
Sample Receipt:	*September 10, 2024*
Sample Analysis:	*September 19, 2024*
Reporting Date:	*September 24, 2024*

Instrument:	BRUKER AXS D8 Advance Diffractometer
Test Conditions:	Co radiation, 35 kV, 40 mA; Detector: LYNXEYE_XE_T Regular Scanning: Step: 0.02°, Step time:0.5s, 2θ range: 6-80°
Interpretations :	PDF2/PDF4 powder diffraction databases issued by the International Center for Diffraction Data (ICDD). Diffrac Eva and Topas software.
Detection Limit :	0.5-2%. Strongly dependent on crystallinity.

Contents:

1) Method Summary
2) Quantitative XRD Results
3) XRD Pattern(s)

Kim Gibbs, H.B.Sc., P.Geo.
Senior Mineralogist

Huyun Zhou, Ph.D., P.Geo.
Senior Mineralogist

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Method Summary

The Rietveld Method of Mineral Identification by XRD (ME-LR-MIN-MET-MN-D05) method used by SGS Natural Resources is accredited to the requirements of ISO/IEC 17025.

Mineral Identification and Interpretation:

Mineral identification and interpretation involves matching the diffraction pattern of an unknown material to patterns of single-phase reference materials. The reference patterns are compiled by the Joint Committee on Powder Diffraction Standards - International Center for Diffraction Data (JCPDS-ICDD) database and released on software as Powder Diffraction Files (PDF).

Interpretations do not reflect the presence of non-crystalline and/or amorphous compounds, except when internal standards have been added by request. Mineral proportions may be strongly influenced by crystallinity, crystal structure and preferred orientations. Mineral or compound identification and quantitative analysis results should be accompanied by supporting chemical assay data or other additional tests.

Quantitative Rietveld Analysis:

Quantitative Rietveld Analysis is performed by using Diffrac Topas 7 (Bruker), a graphics based profile analysis program built around a non-linear least squares fitting system, to determine the amount of different phases present in a multicomponent sample. Whole pattern analyses are predicated by the fact that the X-ray diffraction pattern is a total sum of both instrumental and specimen factors. Unlike other peak intensity-based methods, the Rietveld method uses a least squares approach to refine a theoretical line profile until it matches the obtained experimental patterns.

Rietveld refinement is completed with a set of minerals specifically identified for the sample. Zero values indicate that the mineral was included in the refinement calculations, but the calculated concentration was less than 0.05wt%. Minerals not identified by the analyst are not included in refinement calculations for specific samples and are indicated with a dash.

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Summary of Rietveld Quantitative Analysis X-Ray Diffraction Results

Mineral/Compound	WAN-399-409-06292024 SEP4505-01 (wt %)	WAN-279-289-06292024 SEP4505-02 (wt %)
Quartz	35.3	46.1
Muscovite	2.8	15.9
Chlorite	5.8	10.6
Biotite	6.7	1.3
Rutile	0.1	0.4
Microcline	10.8	5.2
Albite	32.3	18.3
Calcite	0.5	-
Epidote	5.7	-
Anhydrite	-	0.0
Almandine	-	2.2
TOTAL	100	100

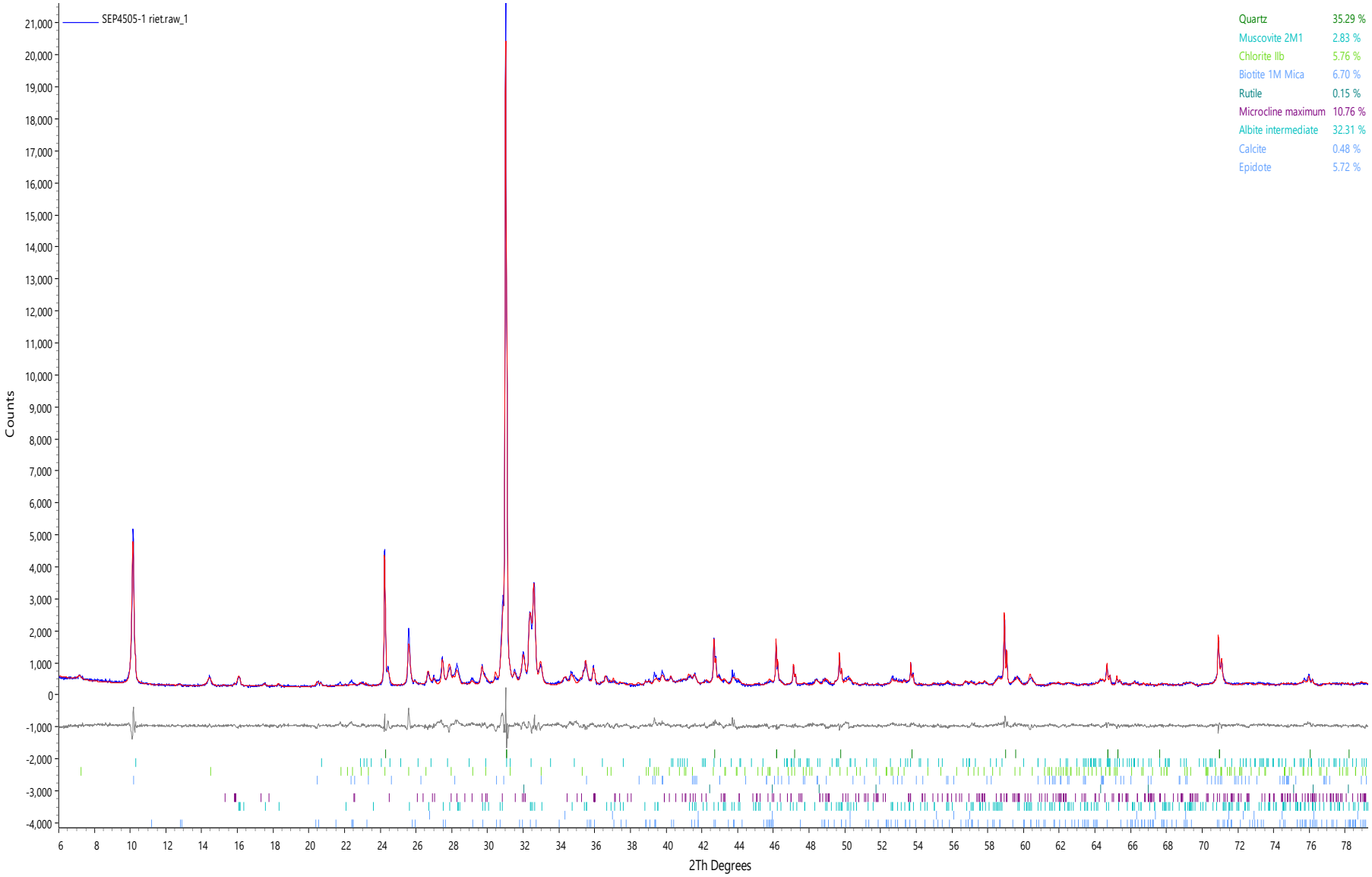
Zero values indicate that the mineral was included in the refinement, but the calculated concentration is below a measurable value.

Dashes indicate that the mineral was not identified by the analyst and not included in the refinement calculation for the sample.

The weight percent quantities indicated have been normalized to a sum of 100%. The quantity of amorphous material has not been determined.

Mineral/Compound	Formula
Quartz	SiO_2
Muscovite	$KAl_2(AlSi_3O_{10})(OH)_2$
Chlorite	$(Fe,(Mg,Mn)_5,Al)(Si_3Al)O_{10}(OH)_8$
Biotite	$K(Mg,Fe)_3(AlSi_3O_{10})(OH)_2$
Rutile	TiO_2
Microcline	$KAlSi_3O_8$
Albite	$NaAlSi_3O_8$
Calcite	$CaCO_3$
Epidote	$Ca_2(Al,Fe)Al_2O(SiO_4)(Si_2O_7)(OH)$
Anhydrite	$CaSO_4$
Almandine	$Fe_3Al_2Si_3O_{12}$

WAN-399-409-06292024



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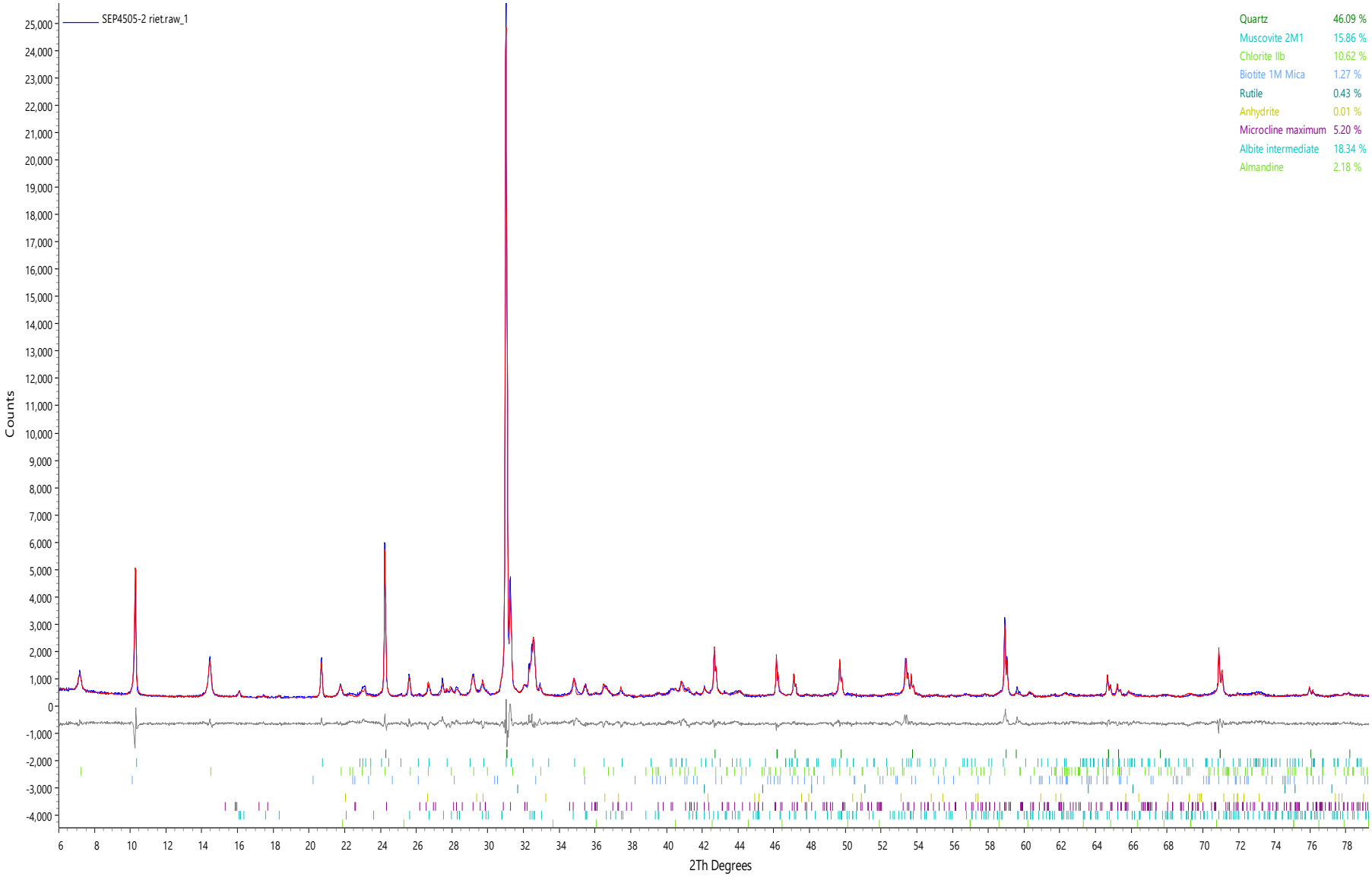

Quantitative X-Ray Diffraction by Rietveld Refinement

Report Prepared for:	*Geosyntec Consultant* *1255 Roberts Blvd Kennesaw, Georgia 30144, USA*
Project Number/ LIMS No.	*Custom XRD/CA19363-SEP24/MI4506-SEP24*
Sample Receipt:	*September 12, 2024*
Sample Analysis:	*September 19, 2024*
Reporting Date:	*September 25, 2024*

Instrument:	BRUKER AXS D8 Advance Diffractometer
Test Conditions:	Co radiation, 35 kV, 40 mA; Detector: LYNXEYE_XE_T Regular Scanning: Step: 0.02°, Step time:0.5s, 2θ range: 6-80°
Interpretations :	PDF2/PDF4 powder diffraction databases issued by the International Center for Diffraction Data (ICDD). Diffrac Eva and Topas software.
Detection Limit :	0.5-2%. Strongly dependent on crystallinity.

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Kim Gibbs, H.B.Sc., P.Geo.
Senior Mineralogist

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Quantitative Rietveld Analysis is performed by using Diffrac Topas 7 (Bruker), a graphics based profile analysis program built around a non-linear least squares fitting system, to determine the amount of different phases present in a multicomponent sample. Whole pattern analyses are predicated by the fact that the X-ray diffraction pattern is a total sum of both instrumental and specimen factors. Unlike other peak intensity-based methods, the Rietveld method uses a least squares approach to refine a theoretical line profile until it matches the obtained experimental patterns.

Rietveld refinement is completed with a set of minerals specifically identified for the sample. Zero values indicate that the mineral was included in the refinement calculations, but the calculated concentration was less than 0.05wt%. Minerals not identified by the analyst are not included in refinement calculations for specific samples and are indicated with a dash.

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WARNING: The sample(s) to which the findings recorded herein (the "Findings") relate was(were) drawn and / or provided by the Client or by a third party acting at the Client's direction. The Findings constitute no warranty of the sample's representativeness of any goods and strictly relate to the sample(s). The Company accepts no liability with regard to the origin or source from which the sample(s) is/are said to be extracted.

Summary of Rietveld Quantitative Analysis X-Ray Diffraction Results

Mineral/Compound	WGWC-29D-279-289-09062024 SEP4506-01 (wt %)	WGWC-29D-399-404-09062024 SEP4506-02 (wt %)	WGWC-29D-182-09062024 SEP4506-03 (wt %)
Quartz	45.6	35.6	35.5
Muscovite	11.7	4.6	3.1
Chlorite	7.3	4.5	0.5
Biotite	5.7	7.5	0.3
Microcline	2.8	9.5	28.1
Albite	26.9	33.3	32.5
Pyrite	-	0.1	-
Chlorapatite	-	0.2	-
Epidote	-	4.7	-
TOTAL	100	100	100

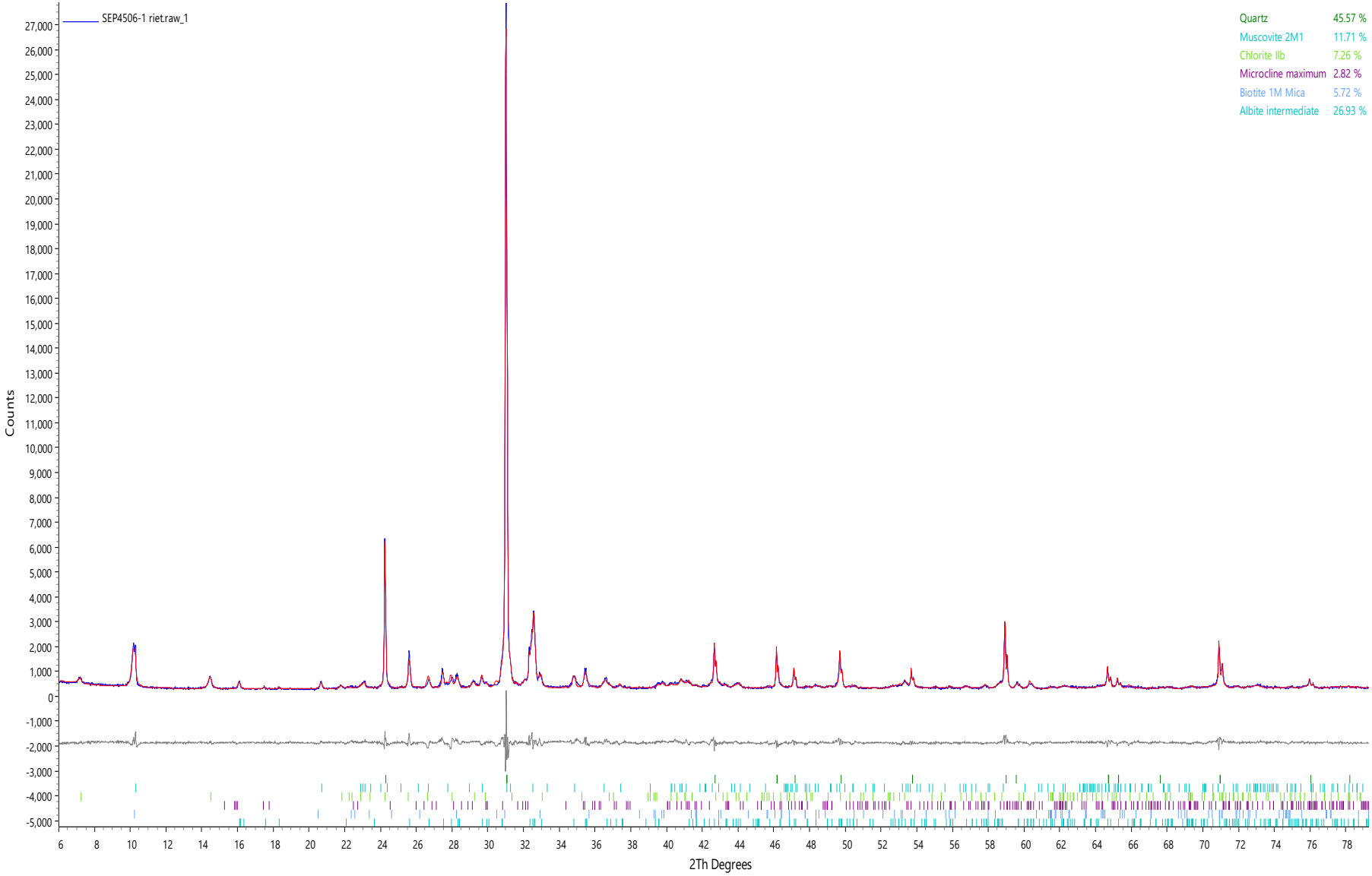
Zero values indicate that the mineral was included in the refinement, but the calculated concentration is below a measurable value.

Dashes indicate that the mineral was not identified by the analyst and not included in the refinement calculation for the sample.

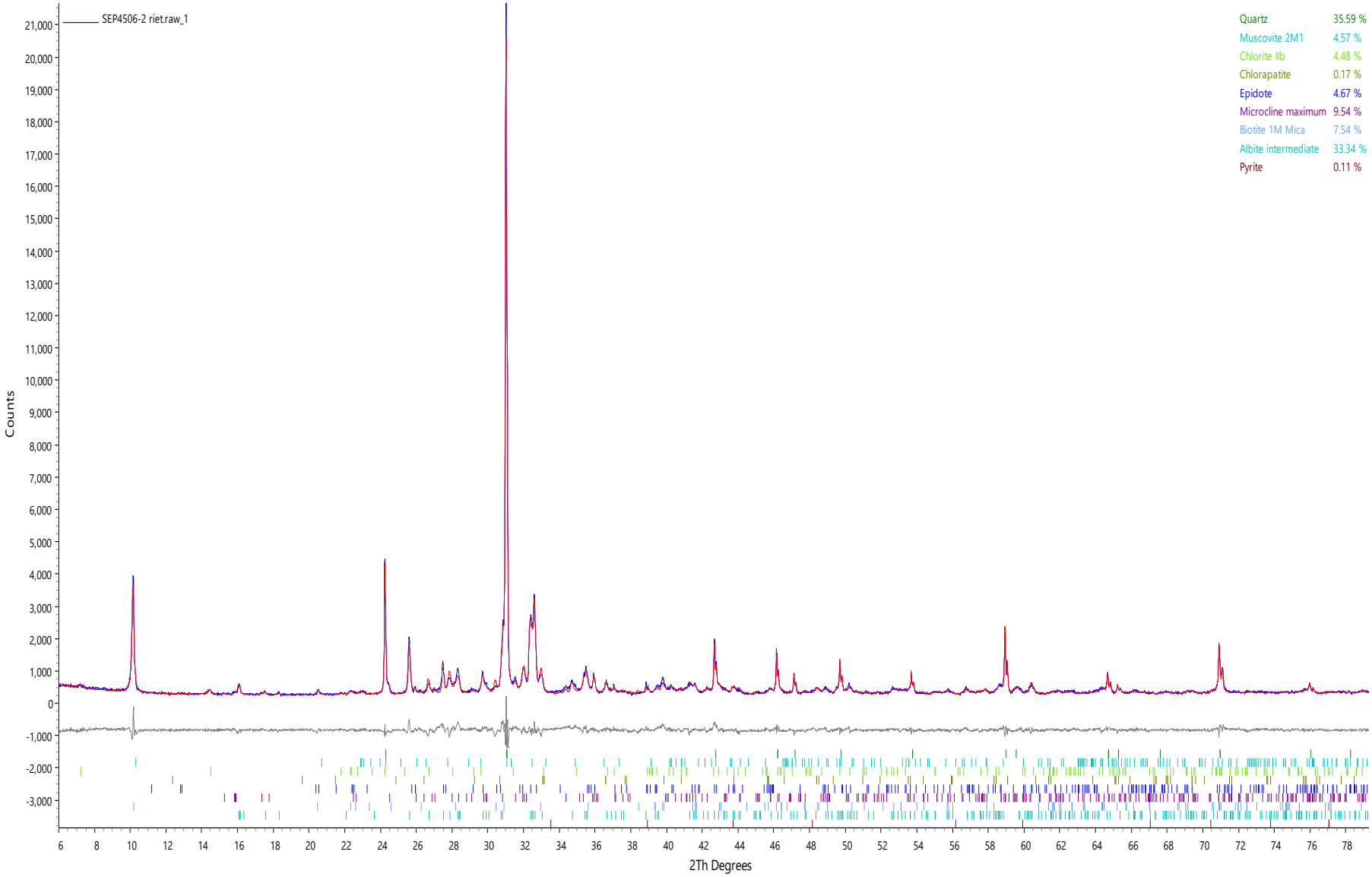
The weight percent quantities indicated have been normalized to a sum of 100%. The quantity of amorphous material has not been determined.

Mineral/Compound	Formula
Quartz	SiO_2
Muscovite	$KAl_2(AlSi_3O_{10})(OH)_2$
Chlorite	$(Fe,(Mg,Mn)_5,Al)(Si_3Al)O_{10}(OH)_8$
Biotite	$K(Mg,Fe)_3(AlSi_3O_{10})(OH)_2$
Microcline	$KAlSi_3O_8$
Albite	$NaAlSi_3O_8$
Pyrite	FeS_2
Chlorapatite	$Ca_5(PO_4)_3Cl$
Epidote	$Ca_2(Al,Fe)Al_2O(SiO_4)(Si_2O_7)(OH)$

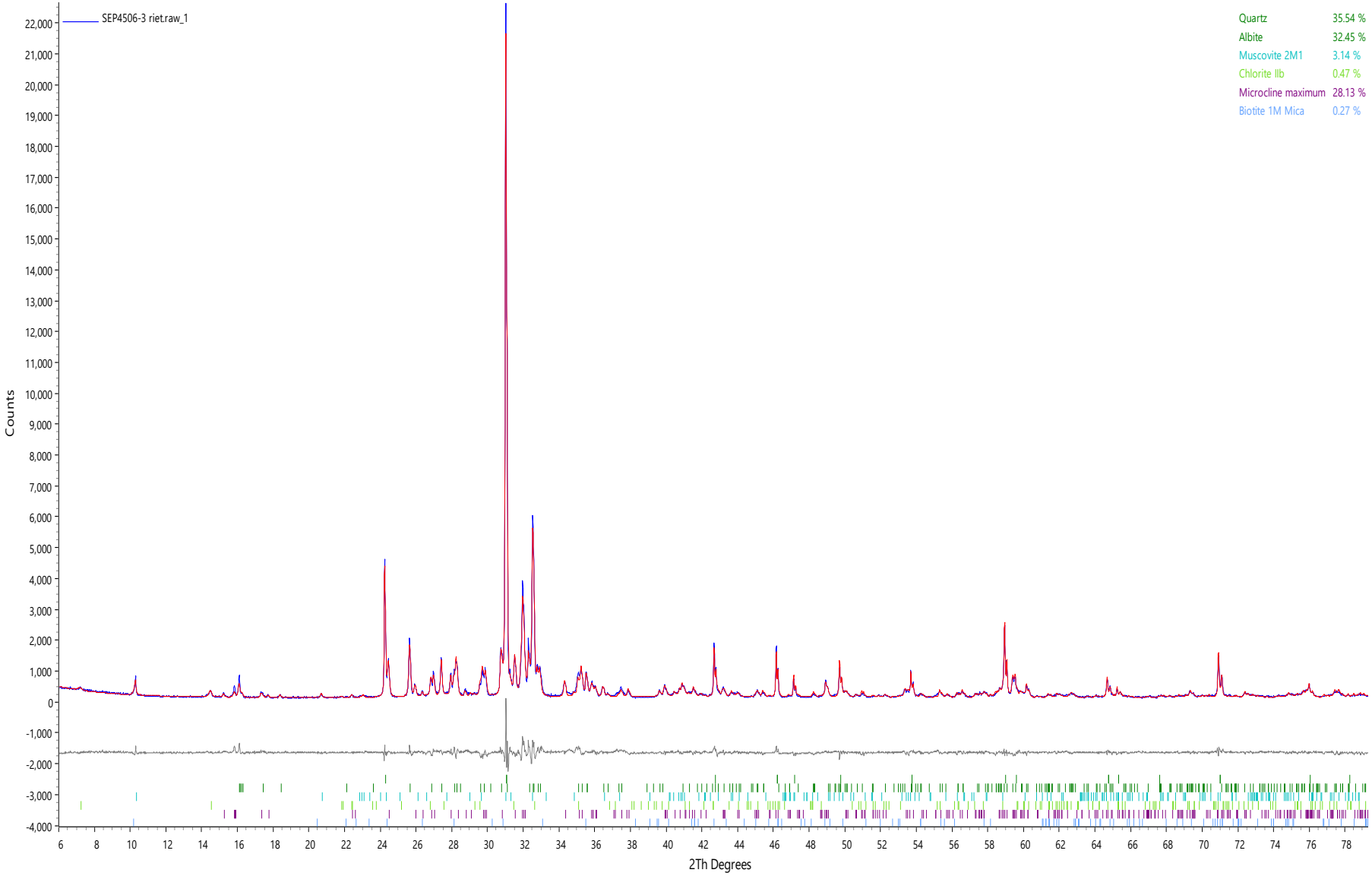
WGWC-29D-279-289-09062024



WGWC-29D-339-404-09062024



WGWC-29D-182-09062024



QEMSCAN DATA

prepared for:

Geosyntec Consulting

Project Custom Min
MI5007-JAN25
March 11, 2025

Prepared by:

Margot Aldis/Chris Gunning
Mineralogist/Senior Mineralogist

High Definition Mineralogical Analysis using QEMSCAN (Quantitative Evaluation of Materials by Scanning Electron Microscopy) (METH# 8.11.1) used by SGS Minerals Services

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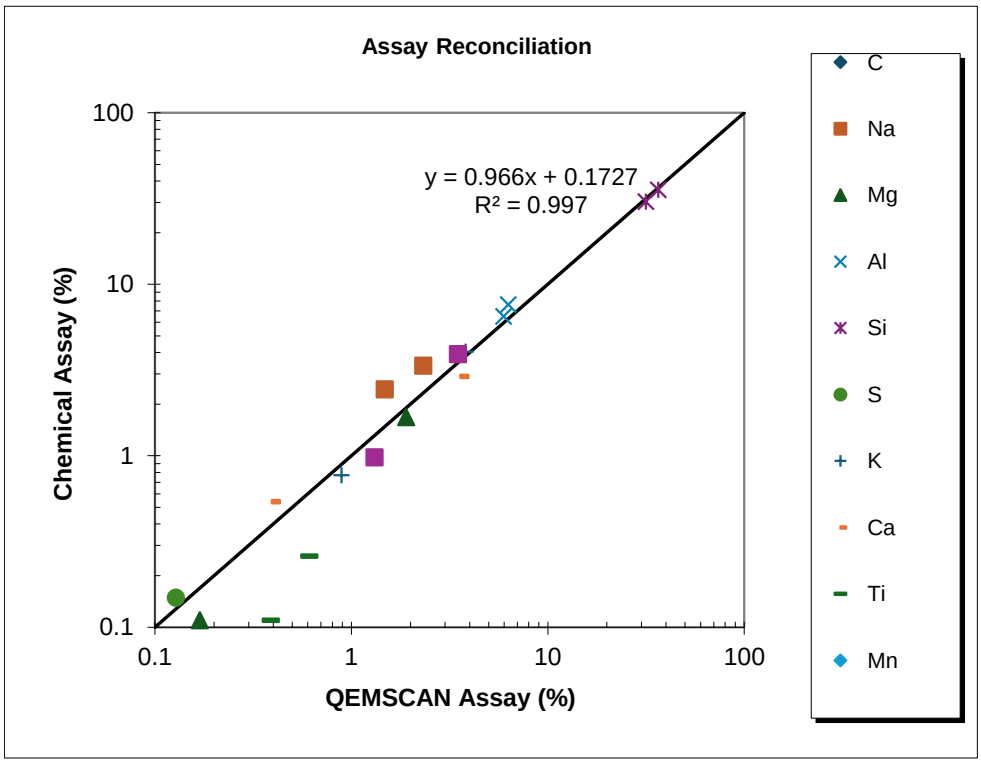
Member of the SGS Group (SGS SA)

Geosyntec Consulting
Custom Min
MI5007-JAN25

High Definition Mineralogical Analysis using QEMSCAN (Quantitative Evaluation of Materials by Scanning Electron Microscopy)

Assay Reconciliation



Sample	WAWM-1 (84-89')	WGWC-21 (58.68-68.68')
Element	**-300/+3um**	**-300/+3um**
C (QEMSCAN)	0.02	0.02
C (Chemical)	0.10	0.04
Na (QEMSCAN)	2.32	1.48
Na (Chemical)	3.35	2.44
Mg (QEMSCAN)	1.90	0.17
Mg (Chemical)	1.68	0.11
Al (QEMSCAN)	6.29	5.96
Al (Chemical)	7.60	6.50
Si (QEMSCAN)	31.6	36.6
Si (Chemical)	30.3	35.5
S (QEMSCAN)	0.13	0.01
S (Chemical)	0.15	0.04
K (QEMSCAN)	0.89	3.82
K (Chemical)	0.77	4.05
Ca (QEMSCAN)	3.59	0.39
Ca (Chemical)	2.90	0.54
Ti (QEMSCAN)	0.61	0.39
Ti (Chemical)	0.26	0.11
Mn (QEMSCAN)	0.11	0.03
Mn (Chemical)	0.09	0.03
Fe (QEMSCAN)	3.48	1.31
Fe (Chemical)	3.92	0.98

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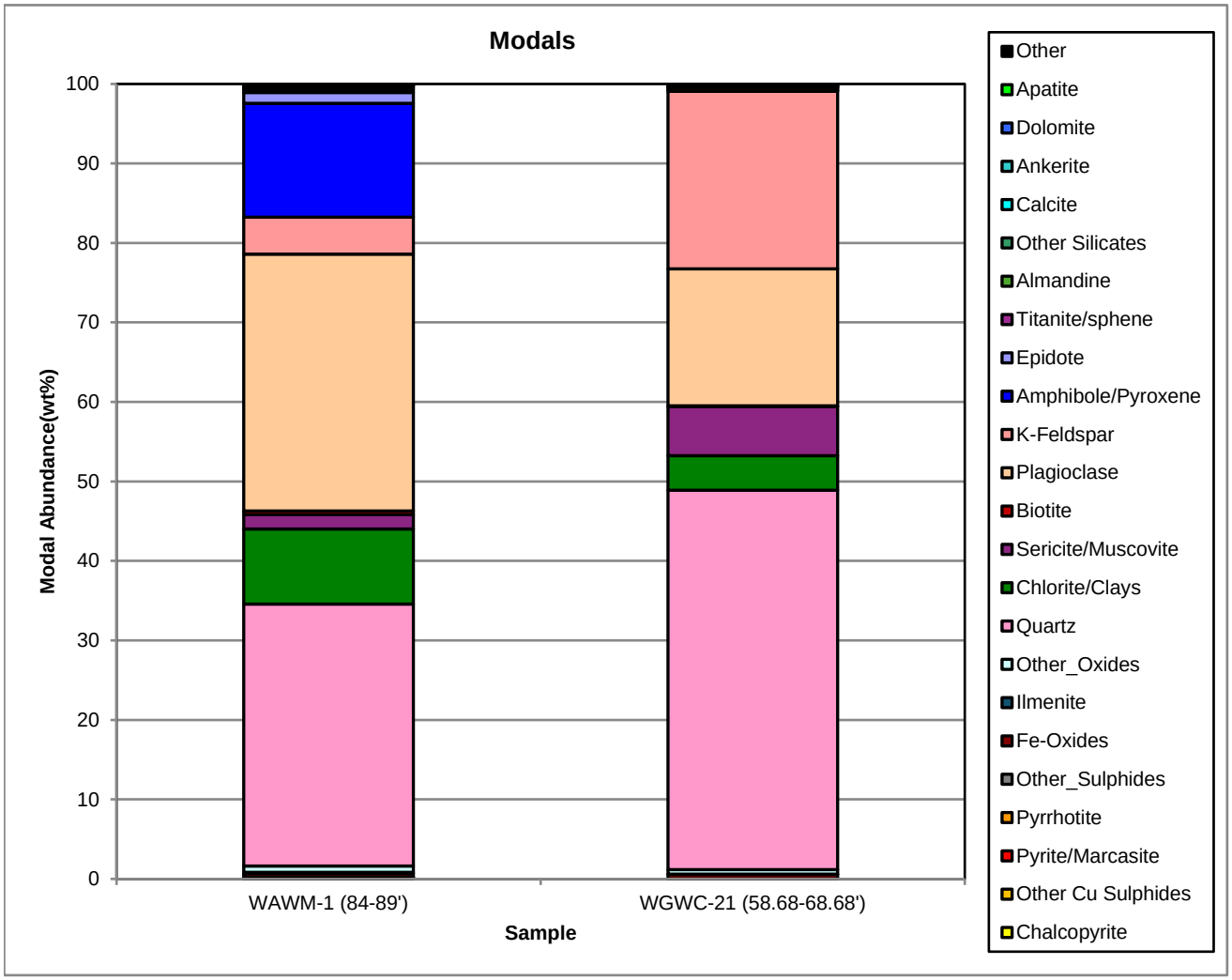
High Definition Mineralogical Analysis using QEMSCAN (Quantitative Evaluation of Materials by Scanning Electron Microscopy)

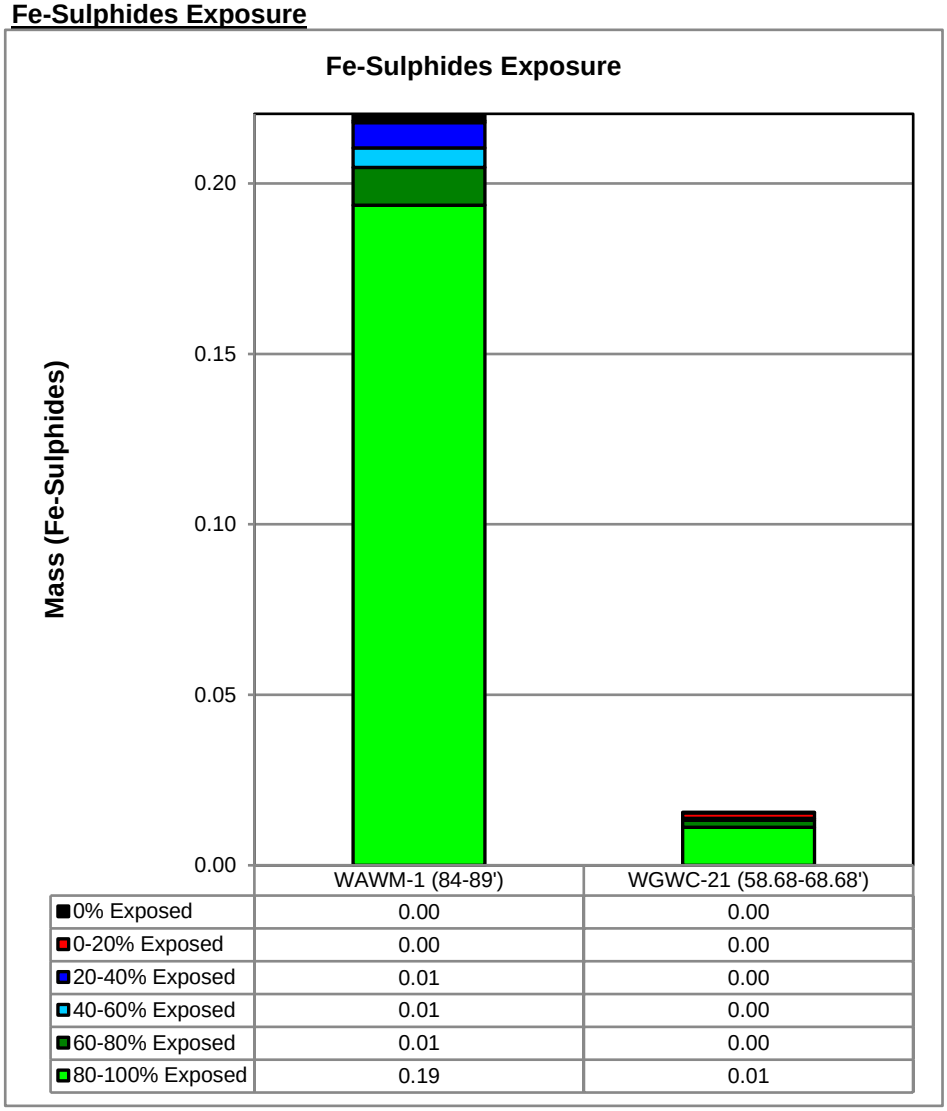
Modals

Survey		**Custom Min / MI5007-JAN25**	
Project		**Geosyntec Consulting**	
Sample		**WAWM-1 (84-89')**	**WGWC-21 (58.68-68.68')**
Fraction		**-300/+3um**	**-300/+3um**
Mass Size Distribution (%)		100.0	100.0
Calculated ESD Particle Size		32	31
		Sample	**Sample**
Mineral Mass (%)	Chalcopyrite	0.02	0.00
	Other Cu Sulphides	0.00	0.00
	Pyrite/Marcasite	0.22	0.01
	Pyrrhotite	0.00	0.00
	Other_Sulphides	0.01	0.00
	Fe-Oxides	0.45	0.56
	Ilmenite	0.16	0.01
	Other_Oxides	0.79	0.58
	Quartz	32.9	47.7
	Chlorite/Clays	9.46	4.35
	Sericite/Muscovite	1.80	6.17
	Biotite	0.46	0.10
	Plagioclase	32.3	17.2
	K-Feldspar	4.63	22.3
	Amphibole/Pyroxene	14.3	0.12
	Epidote	1.34	0.07
	Titanite/sphene	0.41	0.20
	Almandine	0.15	0.07
	Other Silicates	0.11	0.05
	Calcite	0.15	0.13
	Ankerite	0.01	0.00
	Dolomite	0.00	0.00
	Apatite	0.13	0.11
	Other	0.12	0.18
	Total	100.0	100.0
Mean Grain Size by Frequency (µm)	Chalcopyrite	18	8
	Other Cu Sulphides	8	0
	Pyrite/Marcasite	23	12
	Pyrrhotite	8	8
	Other_Sulphides	10	10
	Fe-Oxides	13	13
	Ilmenite	16	9
	Other_Oxides	10	12
	Quartz	20	23
	Chlorite/Clays	12	11
	Sericite/Muscovite	9	10
	Biotite	10	11
	Plagioclase	22	17
	K-Feldspar	16	26
	Amphibole/Pyroxene	19	10
	Epidote	14	15
	Titanite/sphene	12	11
	Almandine	8	9
	Other Silicates	8	19
	Calcite	18	15
	Ankerite	8	8
	Dolomite	8	8
	Apatite	19	34
	Other	10	13


Modals
Modal Abundance(wt%)
100
90
80
70
60
50
40
30
20
10
0
WAWM-1 (84-89')
WGWC-21 (58.68-68.68')
Sample
Other
Apatite
Dolomite
Ankerite
Calcite
Other Silicates
Almandine
Titanite/sphene
Epidote
Amphibole/Pyroxene
K-Feldspar
Plagioclase
Biotite
Sericite/Muscovite
Chlorite/Clays
Quartz
Other_Oxides
Ilmenite
Fe-Oxides
Other_Sulphides
Pyrrhotite
Pyrite/Marcasite
Other Cu Sulphides
Chalcopyrite

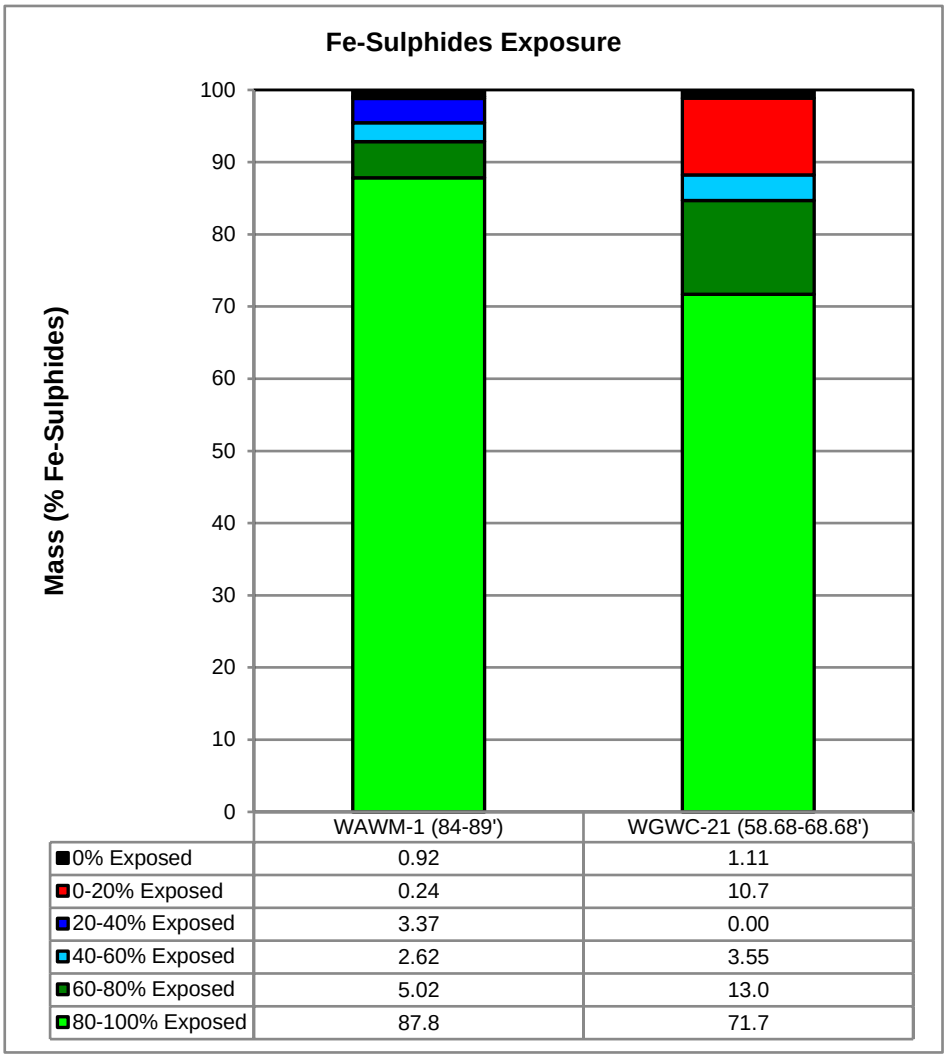
High Definition Mineralogical Analysis using QEMSCAN (Quantitative Evaluation of Materials by Scanning Electron Microscopy)

Fe-Sulphides Exposure



Absolute Mass of Fe-Sulphides Across Samples

Mineral Name	WAWM-1 (84-89')	WGWC-21 (58.68-68.68')
80-100% Exposed	0.19	0.01
60-80% Exposed	0.01	0.00
40-60% Exposed	0.01	0.00
20-40% Exposed	0.01	0.00
0-20% Exposed	0.00	0.00
0% Exposed	0.00	0.00
Total	0.22	0.02

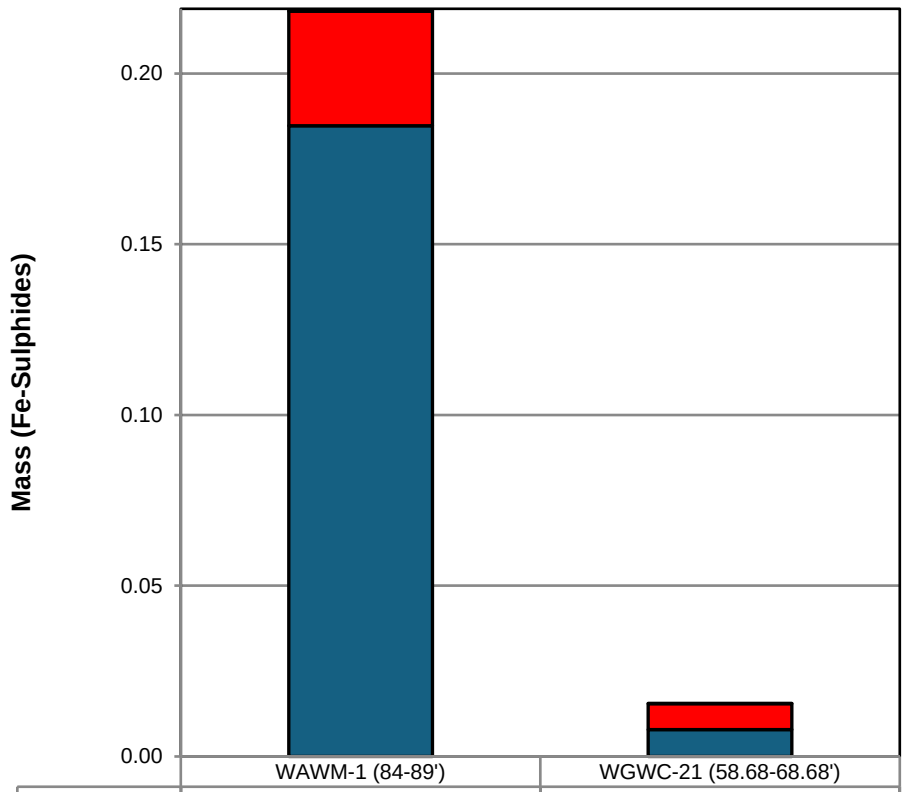


Normalized Mass of Fe-Sulphides Across Samples

Mineral Name	WAWM-1 (84-89')	WGWC-21 (58.68-68.68')
80-100% Exposed	87.8	71.7
60-80% Exposed	5.02	13.0
40-60% Exposed	2.62	3.55
20-40% Exposed	3.37	0.00
0-20% Exposed	0.24	10.7
0% Exposed	0.92	1.11
Total	100.0	100.0
Total Exposed	92.8	84.7

High Definition Mineralogical Analysis using QEMSCAN (Quantitative Evaluation of Materials by Scanning Electron Microscopy)

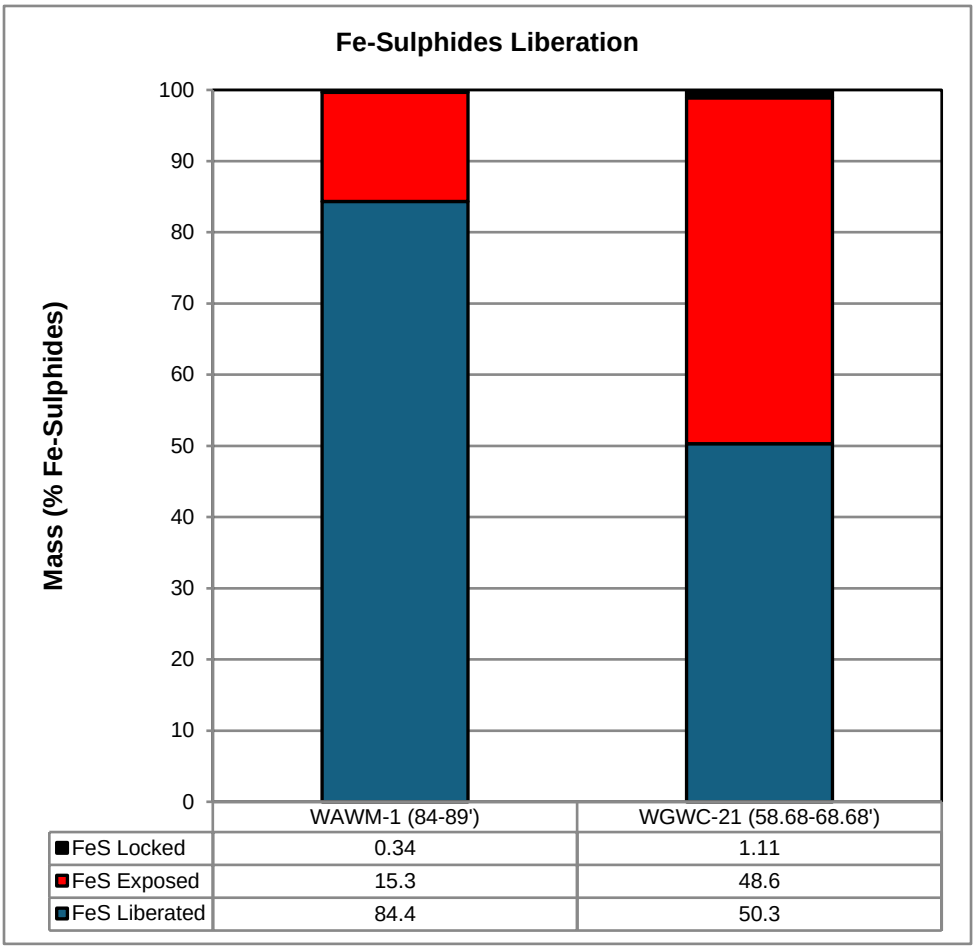
Fe-Sulphides Liberation



	WAWM-1 (84-89')	WGWC-21 (58.68-68.68')
FeS Locked	0.00	0.00
FeS Exposed	0.03	0.01
FeS Liberated	0.18	0.01

Absolute Mass of Fe-Sulphides Across Samples

Mineral Name	WAWM-1 (84-89')	WGWC-21 (58.68-68.68')
FeS Liberated	0.18	0.01
FeS Exposed	0.03	0.01
FeS Locked	0.00	0.00
Total	0.22	0.02



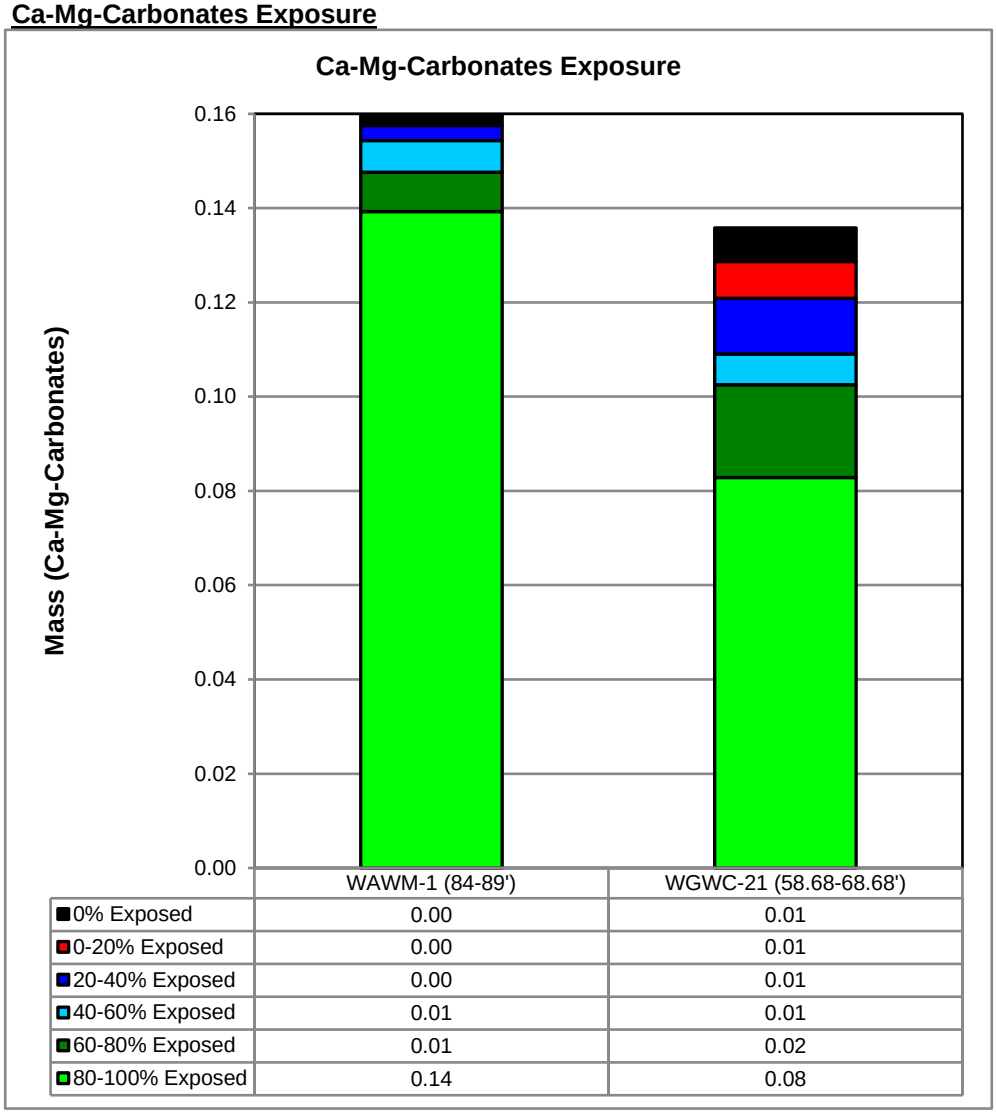
Normalized Mass of Fe-Sulphides Across Samples

Mineral Name	WAWM-1 (84-89')	WGWC-21 (58.68-68.68')
FeS Liberated	84.4	50.3
FeS Exposed	15.3	48.6
FeS Locked	0.34	1.11
Total	100.0	100.0

Sample
WAWM-1 (84-89')
WGWC-21 (58-68-68-68')
FeS Liberated
FeS Exposed
FeS Locked
Fe-Sulphides Liberation
Background
Chalcopyrite
Other-Cu-Sulphides
Fe-Sulphides
Sphalerite
Other_Sulphides
Fe-Oxides
Carbonates
Silicates
Other

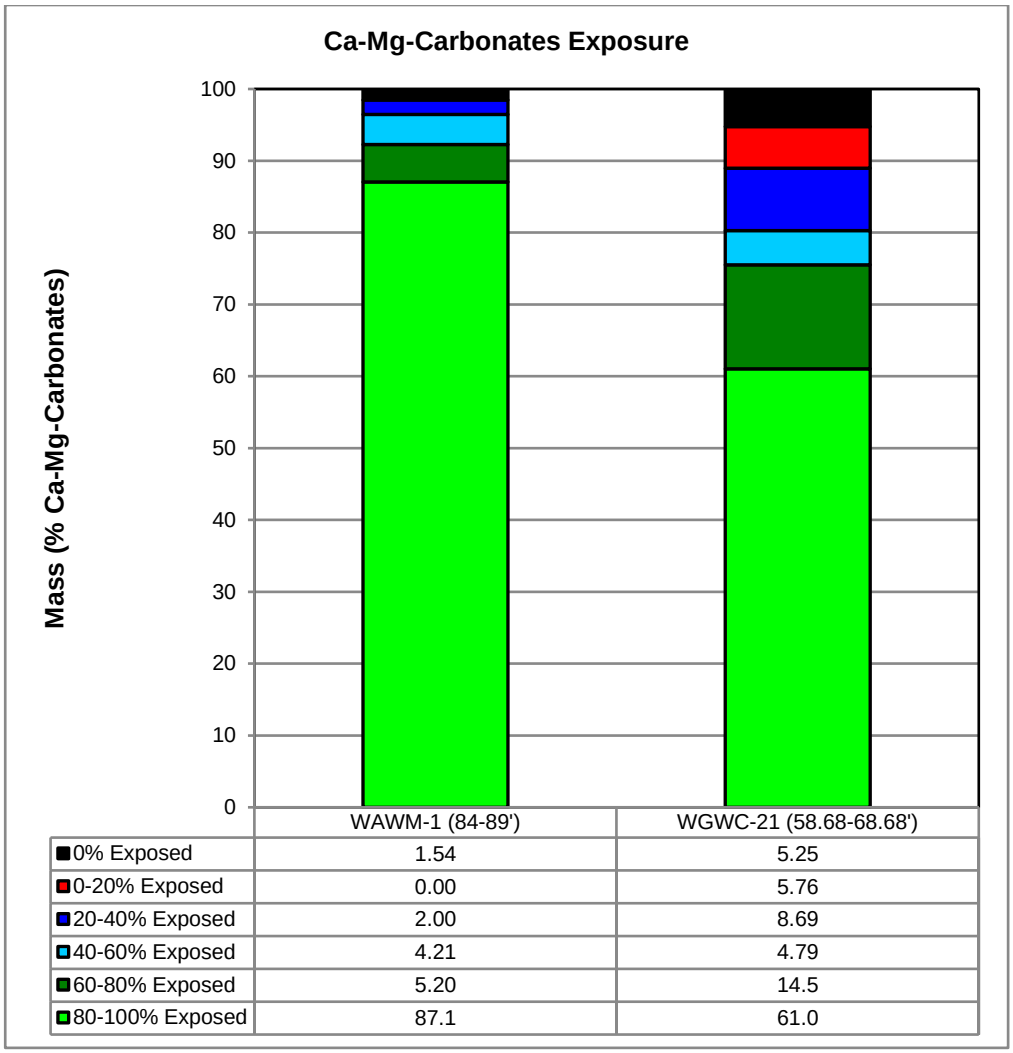
High Definition Mineralogical Analysis using QEMSCAN (Quantitative Evaluation of Materials by Scanning Electron Microscopy)

Ca-Mg-Carbonates Exposure



Absolute Mass of Ca-Mg-Carbonates Across Samples

Mineral Name	WAWM-1 (84-89')	WGWC-21 (58.68-68.68')
80-100% Exposed	0.14	0.08
60-80% Exposed	0.01	0.02
40-60% Exposed	0.01	0.01
20-40% Exposed	0.00	0.01
0-20% Exposed	0.00	0.01
0% Exposed	0.00	0.01
Total	0.16	0.14

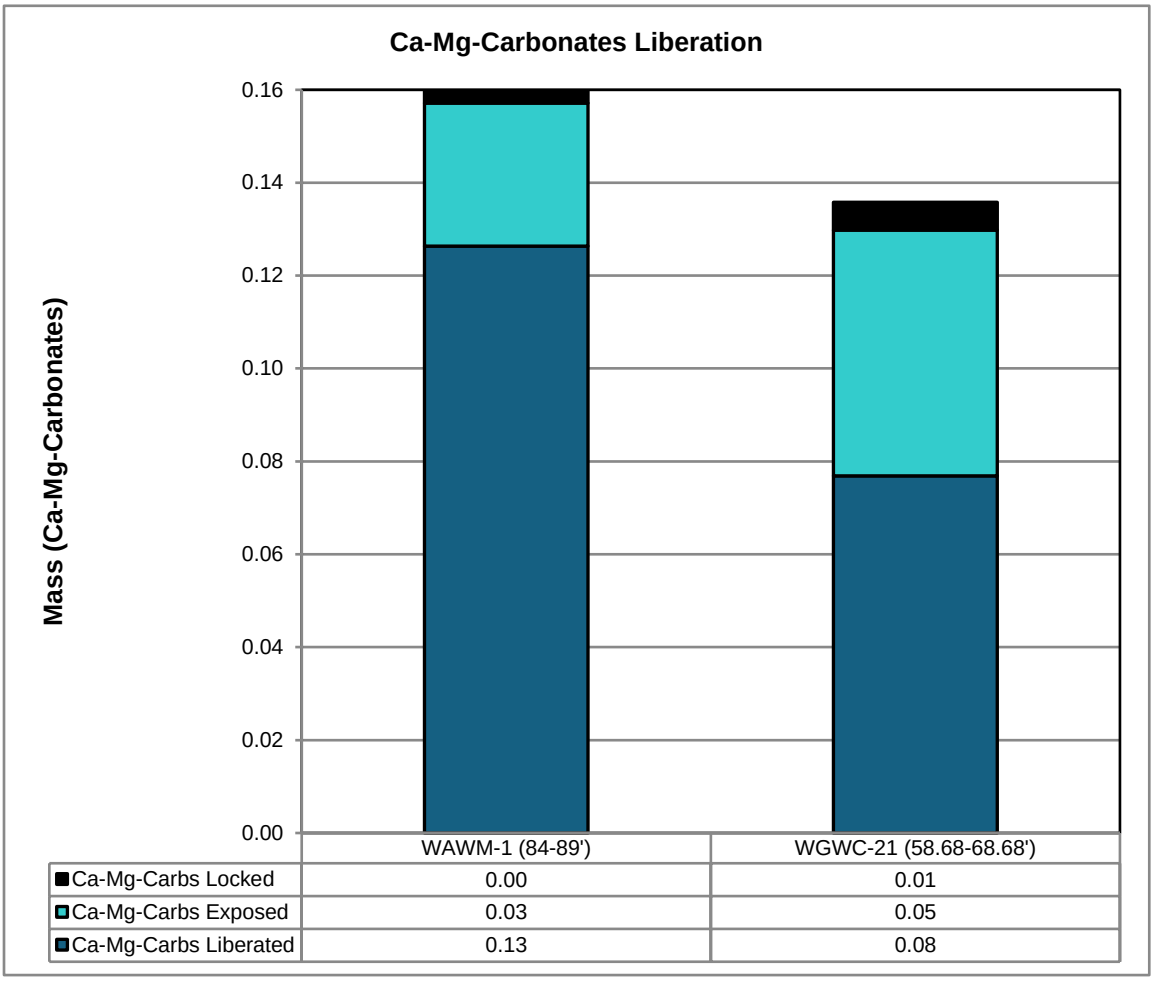


Normalized Mass of Ca-Mg-Carbonates Across Samples

Mineral Name	WAWM-1 (84-89')	WGWC-21 (58.68-68.68')
80-100% Exposed	87.1	61.0
60-80% Exposed	5.20	14.5
40-60% Exposed	4.21	4.79
20-40% Exposed	2.00	8.69
0-20% Exposed	0.00	5.76
0% Exposed	1.54	5.25
Total	100.0	100.0
Total Exposed	92.3	75.5

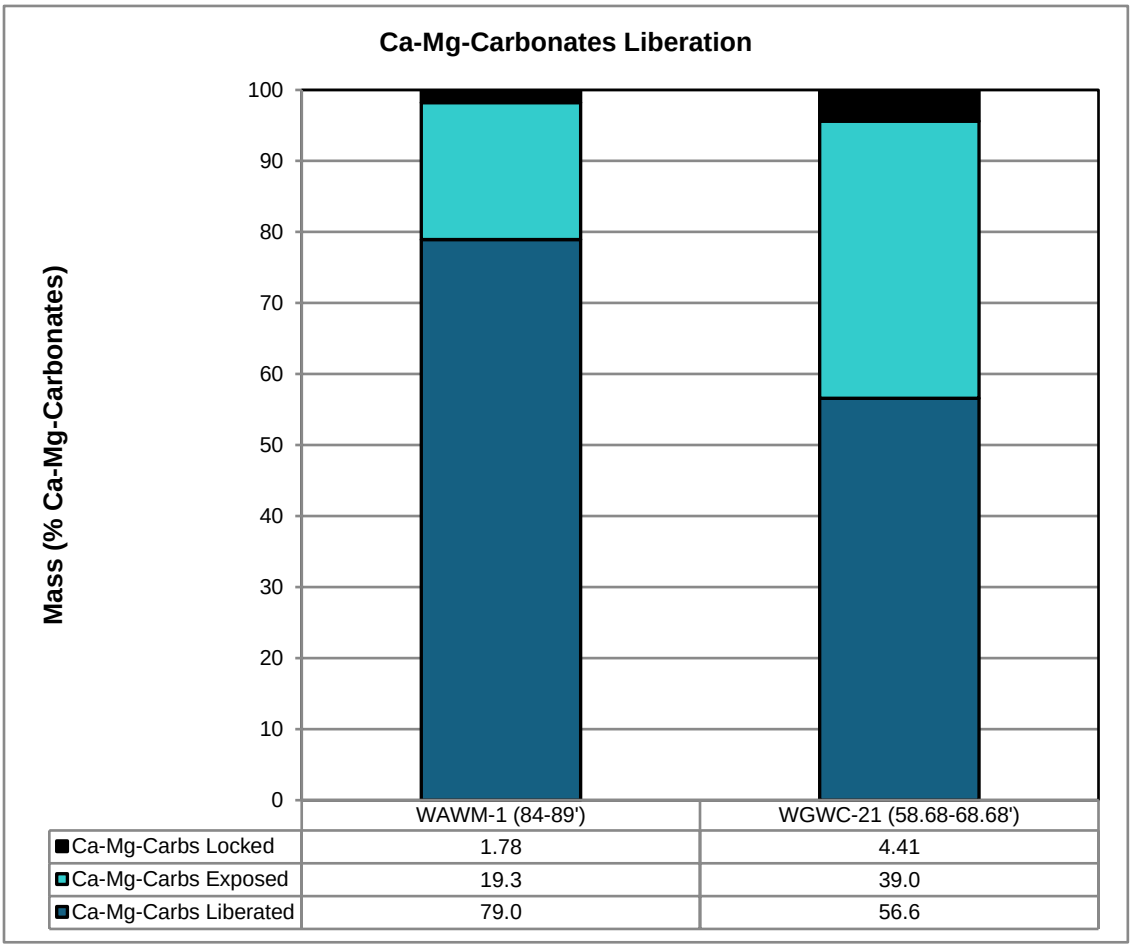
High Definition Mineralogical Analysis using QEMSCAN (Quantitative Evaluation of Materials by Scanning Electron Microscopy)

Ca-Mg-Carbonates Liberation



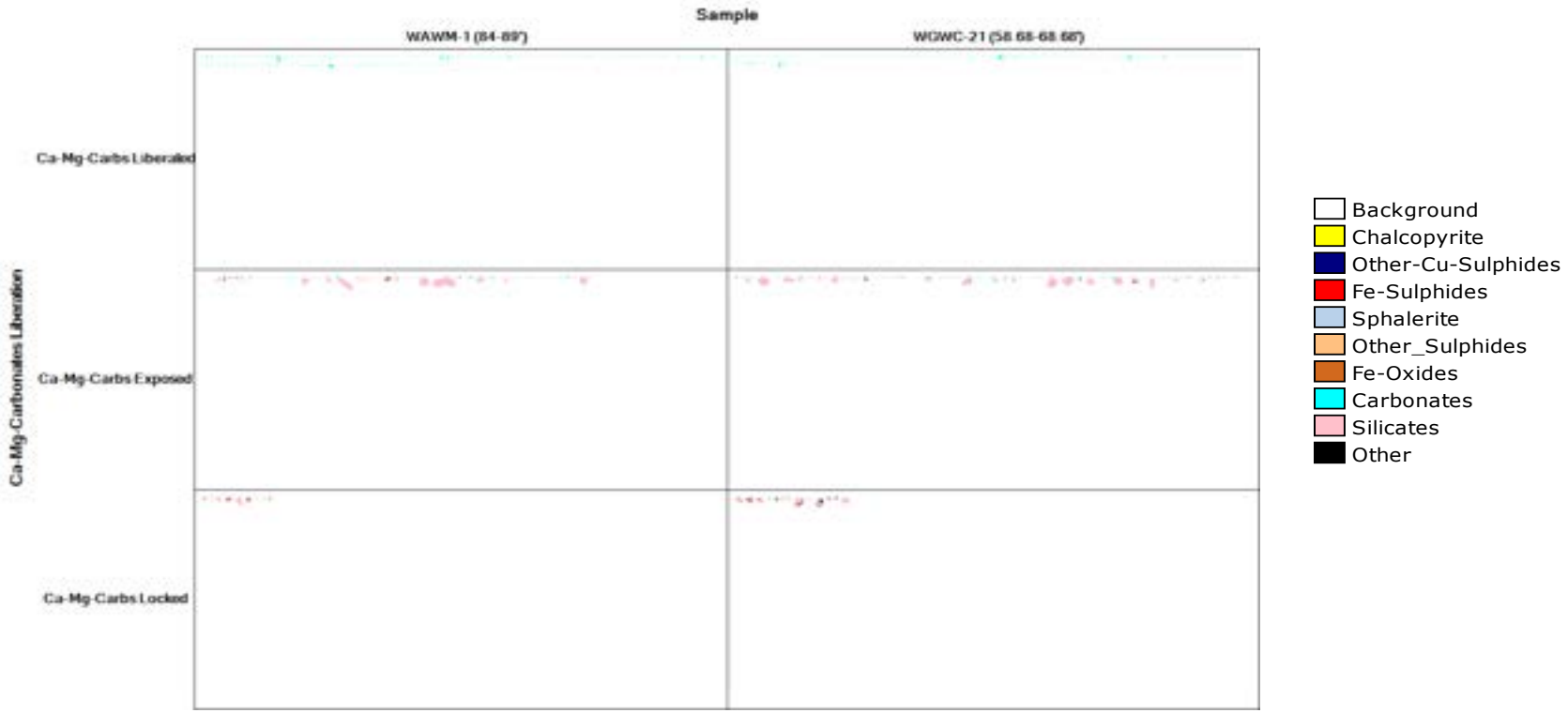
Absolute Mass of Ca-Mg-Carbonates Across Samples

Mineral Name	WAWM-1 (84-89')	WGWC-21 (58.68-68.68')
Ca-Mg-Carbs Liberated	0.13	0.08
Ca-Mg-Carbs Exposed	0.03	0.05
Ca-Mg-Carbs Locked	0.00	0.01
Total	0.16	0.14



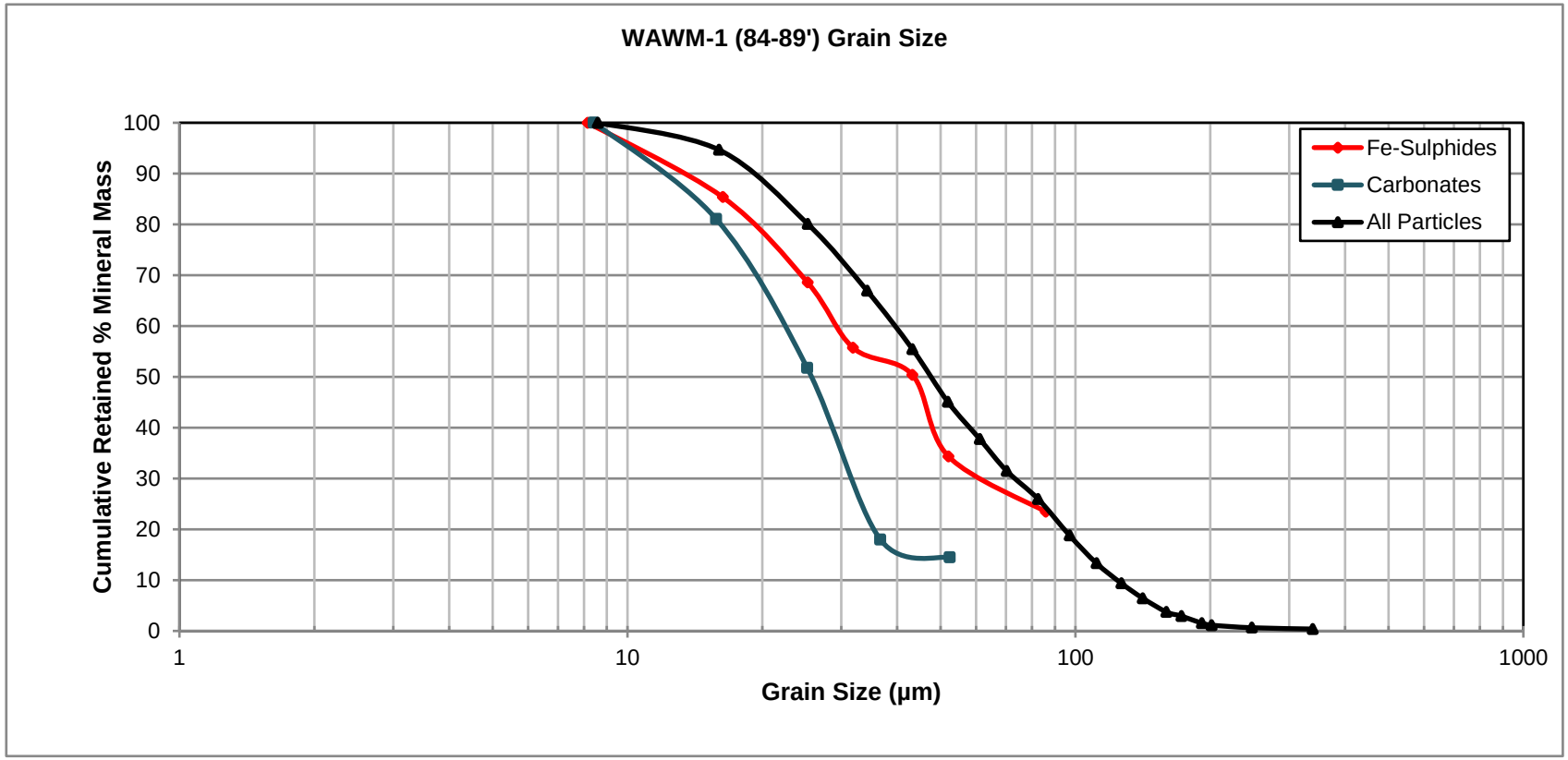
Normalized Mass of Ca-Mg-Carbonates Across Samples

Mineral Name	WAWM-1 (84-89')	WGWC-21 (58.68-68.68')
Ca-Mg-Carbs Liberated	79.0	56.6
Ca-Mg-Carbs Exposed	19.3	39.0
Ca-Mg-Carbs Locked	1.78	4.41
Total	100.0	100.0


Sample
WAWM-1 (84-89')
WGWC-21 (58.68-68.68')
Ca-Mg-Carbonates Liberation
Ca-Mg-Carbs Liberated
Ca-Mg-Carbs Exposed
Ca-Mg-Carbs Locked
Background
Chalcopyrite
Other-Cu-Sulphides
Fe-Sulphides
Sphalerite
Other_Sulphides
Fe-Oxides
Carbonates
Silicates
Other

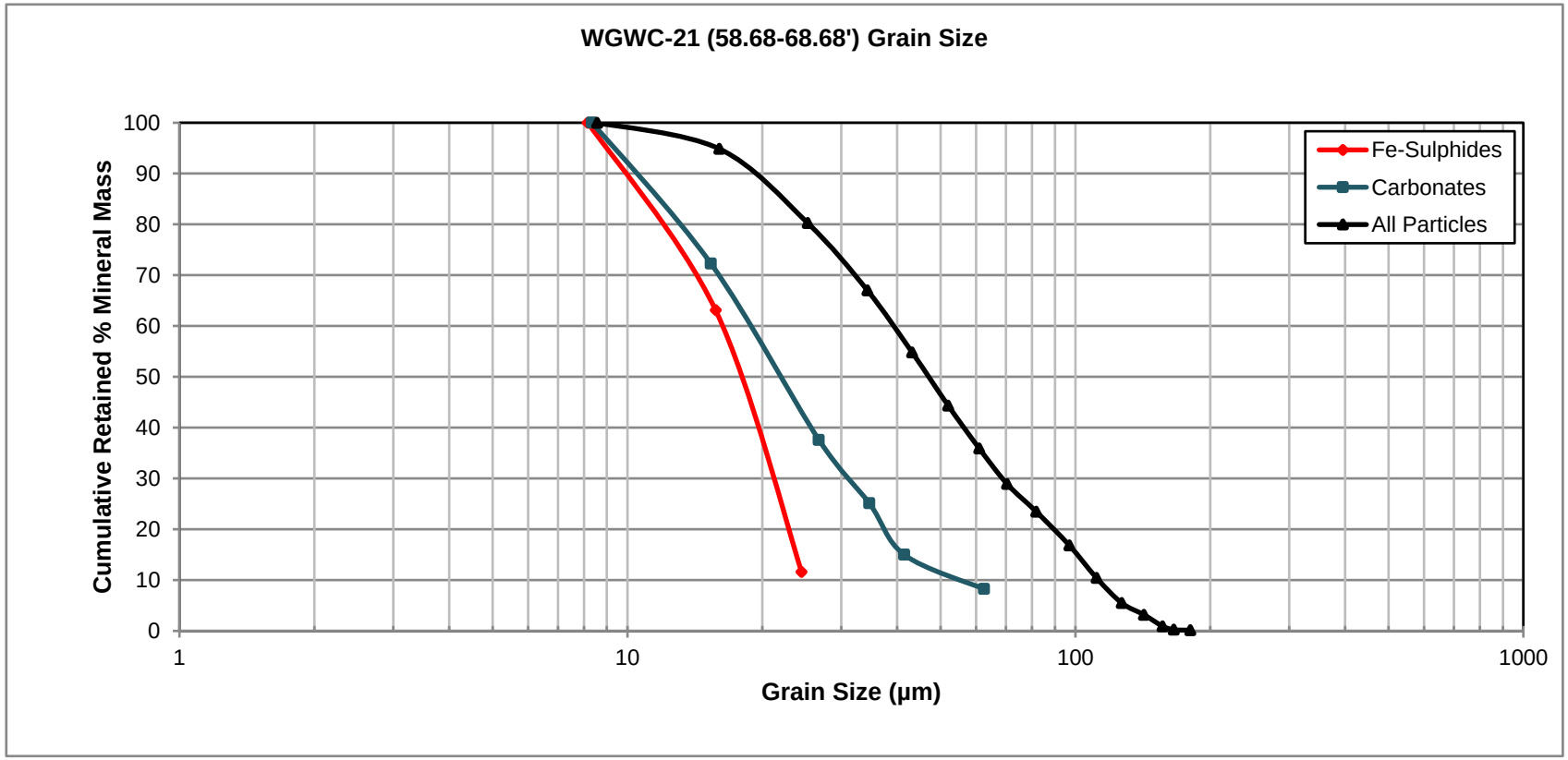
High Definition Mineralogical Analysis using QEMSCAN (Quantitative Evaluation of Materials by Scanning Electron Microscopy)

Cumulative Retained Grain Size Distribution



High Definition Mineralogical Analysis using QEMSCAN (Quantitative Evaluation of Materials by Scanning Electron Microscopy)

Cumulative Retained Grain Size Distribution



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High Definition Mineralogical Analysis using QEMSCAN
(Quantitative Evaluation of Materials by Scanning Electron Microscopy)

Mineralogical Acid-Base Accounting

Parameter/Sample	WAWM-1 (84-89')	WGWC-21 (58.68-68.68')
NP from Ca-Mg Carbonates (tonnes CaCO3/1000 tonnes)	1.6	1.4
AP from Fe-Sulphides (tonnes CaCO3/1000 tonnes)	3.6	0.3
NP/AP	0.4	5.3
Available NP/AP	0.4	4.8

Notes:
NP = Neutralization Potential
AP = Acid Generation Potential
"Available NP/AP" takes into account the exposure of Ca-Mg-carbonates and Fe-sulphides

A carbonate/sulphide ratio > 2 indicates probable net neutralizing conditions. Only net acid consuming carbonates (Ca-Mg carbonates) are used for the mineralogical neutralization potential (NP) determination. Only Fe-sulphides are used for the mineralogical acid generation potential (AGP) as they are the main sulphides to contribute to net acidity.

In cases of low carbonate and sulphide abundance (typically <0.5 wt.% of each), values are only semi-quantitative due to low particle statistics for study. More replicate analyses are recommended to properly quantify the NP/AGP potential of these samples.

QEMSCAN Method Summary

Mineral Identification and Interpretation:
The QEM-ARMS, or Automated Rapid Mineral Scan is a method designed to provide simple bulk mineralogy using QEMSCAN (Quantitative Evaluation of Materials by Scanning Electron Microscopy) (METH# 8.11.1) and XRD (X-ray Diffraction, BRUKER AXS D8 Advance Diffractometer). Semi-quantitative mineral abundance, as well as liberation and grain size analyses of one or two key minerals of interest which occur in significant quantities (>1% mineral mass) are presented.

Test Limitations:
The reader should note that this is a semi-quantative study. Any data should be treated as approximations. The study is subject to the representativity of the sample selected, and its accuracy limited by the particle statistics.

XRD Method Summary

Mineral Identification and Interpretation:

Mineral identification and interpretation involve matching the diffraction pattern of an unknown material to patterns of single-phase reference materials. The reference patterns are compiled by the Joint Committee on Powder Diffraction Standards - International Center for Diffraction Data (JCPDS-ICDD) database and released on software as Powder Diffraction Files (PDF).

Interpretations do not reflect the presence of non-crystalline and/or amorphous compounds. Mineral proportions are based on relative peak heights and may be strongly influenced by crystallinity, structural group or preferred orientations. Interpretations and relative proportions should be accompanied by supporting petrographic and geochemical data (Whole Rock Analysis, Inductively Coupled Plasma - Optical Emission Spectroscopy, etc.).

The Qualitative XRD method (METH # 8-8-1) used by SGS Minerals Services,
P.O. Box 4300, 185 Concession Street, Lakefield, Ontario, Canada K0L 2H0.
Tel: (705) 652-2000 Fax: (705) 652-6365 Mini-method available upon request.

Terminology for Association data

Association classes were defined as the following;

• **Free Pyrite** - A particle that has >=95% of Pyrite

• **Liberated Pyrite**: A particle that has ≥80 but <95 area% of Pyrite

• **Pyrite**: **Other Sulphides** - A particle that has ≥95 area% of Pyrite + Other Sulphides
• **Pyrite: Quartz/Feldspar** - A particle that has ≥95 area% of Pyrite + Quartz/Feldspar
• **Pyrite: Micas/Clays** - A particle that has ≥95 area% of Pyrite + Micas/Clays
• **Pyrite**: **Oxides** - A particle that has ≥95 area% of Pyrite + Oxides
• **Pyrite: Carbonates** - A particle that has ≥95 area% of Pyrite + Carbonates
• **Complex**: Any combination of the above definitions has been defined as a complex particle.

EMPA and LA-ICP-MS DATA

prepared for:

Geosyntec Consultants, INC

Project 20707-01
MI5079-OCT24
September 8, 2025

Prepared by:

Margot Aldis/Chris Gunning
Mineralogist/Senior Mineralogist

Geosyntec Consultants
20707-01
MI5079-OCT24

High Definition Mineralogical Analysis using QEMSCAN (Quantitative Evaluation of Materials by Scanning Electron Microscopy)

EMPA and LA-ICP-MS Data for Muscovite

Electron Microprobe Analysis (%)

SAMPLE	Mineral	NUMBER	LINE	REL. LINE	SiO2	TiO2	Al2O3	V2O3	Cr2O3	FeO	MnO	MgO	CaO	Na2O	K2O	P2O5	Cl	F	CO2	O	H2O	TOTAL
11A Sheet Silicates	Muscovite	29	298	2	46.21	0.83	32.52	0.07	0.05	3.77	0.03	1.08	0.02	0.72	10.47	0.00	0.02	0.11	0.00	-0.05	4.45	100.28
11A Sheet Silicates	Muscovite	29	301	5	46.17	0.96	33.94	0.05	0.04	3.01	0.01	0.76	0.01	0.92	10.30	0.01	0.00	0.00	0.00	0.00	4.48	100.67
11A Sheet Silicates	Muscovite	29	302	6	45.78	0.88	32.60	0.00	0.05	3.56	0.01	1.16	0.01	0.77	10.32	0.00	0.04	0.08	0.00	-0.04	4.45	99.67
11A Sheet Silicates	Muscovite	29	303	7	46.18	0.95	32.44	0.07	0.00	3.40	0.01	1.07	0.01	0.69	10.37	0.00	0.01	0.02	0.00	-0.01	4.47	99.67
11A Sheet Silicates	Muscovite	29	305	9	46.43	0.93	32.85	0.03	0.01	3.44	0.02	1.06	0.03	0.70	10.45	0.02	0.01	0.13	0.00	-0.06	4.46	100.50
11A Sheet Silicates	Muscovite	29	311	15	45.89	1.13	32.86	0.01	0.05	3.52	0.00	1.09	0.01	0.68	10.48	0.00	0.01	0.12	0.00	-0.05	4.45	100.24
11A Sheet Silicates	Muscovite	29	312	16	46.37	1.18	33.13	0.04	0.02	3.50	0.02	1.09	0.00	0.51	9.85	0.00	0.01	0.05	0.00	-0.02	4.48	100.24
11A Sheet Silicates	Muscovite	29	313	17	45.63	0.88	33.95	0.03	0.03	2.89	0.02	0.87	0.02	1.22	9.58	0.00	0.01	0.14	0.00	-0.06	4.48	99.68
11A Sheet Silicates	Muscovite	29	314	18	45.63	0.91	34.15	0.02	0.04	2.97	0.02	0.90	0.03	1.11	9.63	0.01	0.02	0.06	0.00	-0.03	4.48	99.95
11A Sheet Silicates	Muscovite	29	322	26	45.51	1.18	32.01	0.01	0.03	3.66	0.04	1.19	0.01	0.70	10.49	0.00	0.01	0.06	0.00	-0.03	4.45	99.34
11A Sheet Silicates	Muscovite	29	323	27	45.34	0.45	32.30	0.03	0.04	3.74	0.00	1.31	0.04	0.74	10.06	0.00	0.06	0.02	0.00	-0.02	4.46	98.57
11A Sheet Silicates	Muscovite	29	334	38	45.48	0.92	32.65	0.03	0.03	3.58	0.06	1.23	0.00	0.68	10.58	0.00	0.01	0.10	0.00	-0.04	4.44	99.74
11A Sheet Silicates	Muscovite	29	336	40	45.18	1.12	32.22	0.02	0.02	3.49	0.02	1.14	0.02	0.48	10.61	0.01	0.01	0.02	0.00	-0.01	4.45	98.80
11A Sheet Silicates	Muscovite	29	337	41	45.15	0.94	32.39	0.06	0.05	3.33	0.03	1.20	0.02	0.67	10.45	0.00	0.01	0.05	0.00	-0.02	4.46	98.78
11A Sheet Silicates	Muscovite	29	343	47	44.18	0.94	31.69	0.03	0.00	4.68	0.02	1.72	0.01	0.68	10.01	0.03	0.01	0.06	0.00	-0.03	4.43	98.45
11A Sheet Silicates	Muscovite	29	351	55	45.44	1.05	32.53	0.01	0.00	3.15	0.00	1.04	0.03	0.85	10.13	0.03	0.01	0.08	0.00	-0.04	4.47	98.78
11A Sheet Silicates	Muscovite	29	354	58	45.49	1.16	32.61	0.05	0.05	3.37	0.02	1.06	0.02	0.77	10.44	0.01	0.01	0.04	0.00	-0.02	4.46	99.54
11A Sheet Silicates	Muscovite	29	360	64	45.50	0.95	33.01	0.02	0.00	3.40	0.01	1.12	0.03	0.66	10.36	0.02	0.01	0.00	0.00	0.00	4.46	99.55
11A Sheet Silicates	Muscovite	29	361	65	46.12	0.92	33.47	0.06	0.02	3.41	0.00	1.11	0.01	0.48	9.59	0.00	0.01	0.06	0.00	-0.03	4.49	99.72
11A Sheet Silicates	Muscovite	29	363	67	45.86	1.06	32.24	0.04	0.01	3.19	0.00	1.15	0.02	0.72	10.49	0.02	0.00	0.02	0.00	-0.01	4.47	99.27
11A Sheet Silicates	Muscovite	29	371	75	46.01	0.77	32.03	0.03	0.01	3.59	0.01	1.17	0.02	0.71	10.54	0.00	0.01	0.03	0.00	-0.01	4.46	99.36
11A Sheet Silicates	Muscovite	29	381	85	44.92	1.06	32.44	0.01	0.03	3.58	0.03	1.28	0.01	0.72	10.19	0.03	0.00	0.00	0.00	0.00	4.46	98.80
11A Sheet Silicates	Muscovite	29	382	86	46.24	0.78	31.52	0.04	0.01	3.73	0.01	1.37	0.00	0.67	10.42	0.01	0.00	0.06	0.00	-0.03	4.45	99.29
11A Sheet Silicates	Muscovite	29	383	87	45.46	1.07	33.08	0.01	0.01	3.32	0.00	0.98	0.00	0.80	10.43	0.00	0.01	0.07	0.00	-0.03	4.46	99.67
11A Sheet Silicates	Muscovite	29	389	93	45.22	0.95	32.87	0.05	0.06	3.20	0.00	1.00	0.01	0.81	10.34	0.04	0.00	0.00	0.00	0.00	4.47	99.01
11A Sheet Silicates	Muscovite	29	390	94	45.34	1.06	32.64	0.00	0.02	3.22	0.00	0.97	0.01	0.80	10.10	0.00	0.00	0.07	0.00	-0.03	4.47	98.68
11A Sheet Silicates	Muscovite	29	393	97	45.03	1.14	32.38	0.01	0.03	3.71	0.03	1.06	0.01	0.75	10.41	0.00	0.02	0.06	0.00	-0.03	4.45	99.05
11A Sheet Silicates	Muscovite	29	394	98	45.01	1.17	32.22	0.04	0.03	3.50	0.04	1.05	0.01	0.69	10.26	0.00	0.01	0.11	0.00	-0.05	4.45	98.55
11A Sheet Silicates	Muscovite	29	396	100	45.37	1.04	32.68	0.04	0.05	3.42	0.00	1.01	0.00	0.70	10.43	0.00	0.01	0.07	0.00	-0.03	4.46	99.25
11A Sheet Silicates	Muscovite	29	397	101	45.61	0.93	31.59	0.06	0.02	3.34	0.00	1.14	0.01	0.71	10.34	0.00	0.02	0.18	0.00	-0.08	4.45	98.32
11A Sheet Silicates	Muscovite	29	398	102	44.39	1.08	32.58	0.07	0.02	3.50	0.00	1.11	0.01	0.72	10.31	0.00	0.00	0.23	0.00	-0.10	4.44	98.36
	Average				**45.55**	**0.98**	**32.63**	**0.03**	**0.03**	**3.46**	**0.02**	**1.11**	**0.01**	**0.74**	**10.27**	**0.01**	**0.01**	**0.07**	**0.00**	**-0.03**	**4.46**	**99.35**
	Min				**44.18**	**0.45**	**31.52**	**0.00**	**0.00**	**2.89**	**0.00**	**0.76**	**0.00**	**0.48**	**9.58**	**0.00**	**0.00**	**0.00**	**0.00**	**-0.10**	**4.43**	**98.32**
	Max				**46.43**	**1.18**	**34.15**	**0.07**	**0.06**	**4.68**	**0.06**	**1.72**	**0.04**	**1.22**	**10.61**	**0.04**	**0.06**	**0.23**	**0.00**	**0.00**	**4.49**	**100.67**
	STDEV				**0.54**	**0.15**	**0.63**	**0.02**	**0.02**	**0.32**	**0.02**	**0.17**	**0.01**	**0.15**	**0.28**	**0.01**	**0.01**	**0.05**	**0.00**	**0.02**	**0.01**	**0.65**

Geosyntec Consultants
20707-01
MI5079-OCT24

High Definition Mineralogical Analysis using QEMSCAN (Quantitative Evaluation of Materials by Scanning Electron Microscopy)

EMPA and LA-ICP-MS Data for Biotite & Biotite Mixed

Electron Microprobe Analysis (Wt %)

SAMPLE	Mineral	NUMBER	LINE	REL. LINE	SiO2	TiO2	Al2O3	V2O3	Cr2O3	FeO	MnO	MgO	CaO	Na2O	K2O	P2O5	Cl	F	CO2	O	H2O	TOTAL
11A Sheet Silicates	Biotite	29	297	1	35.90	2.52	16.68	0.06	0.04	20.33	0.30	8.64	0.03	0.07	9.47	-	0.04	0.21	-	- 0.10	3.94	98.1175
11A Sheet Silicates	Biotite	29	299	3	36.28	3.09	17.13	0.03	0.05	18.85	0.29	9.28	0.04	0.09	9.62	-	0.03	0.48	-	- 0.21	3.95	98.9858
11A Sheet Silicates	Biotite	29	306	10	36.35	2.86	17.02	0.05	0.07	19.87	0.26	9.32	0.03	0.10	9.67	-	0.03	0.05	-	- 0.03	3.95	99.6176
11A Sheet Silicates	Biotite	29	307	11	36.24	1.66	16.61	0.04	0.03	17.93	0.25	11.24	0.01	0.05	9.62	0.04	0.03	0.48	-	- 0.21	3.96	97.9714
11A Sheet Silicates	Biotite	29	309	13	36.15	2.76	17.78	0.04	0.03	19.20	0.33	9.62	0.01	0.10	9.85	0.02	0.03	-	-	- 0.01	3.97	99.8711
11A Sheet Silicates	Biotite	29	315	19	36.19	2.23	17.63	0.00	0.05	18.54	0.21	10.38	0.01	0.13	9.43	-	0.03	0.37	-	- 0.16	3.97	98.9899
11A Sheet Silicates	Biotite	29	316	20	36.06	2.19	17.67	0.05	0.01	18.21	0.28	10.28	0.00	0.15	9.47	0.03	0.03	0.39	-	- 0.17	3.97	98.6199
11A Sheet Silicates	Biotite	29	318	22	36.14	2.05	18.77	0.07	-	18.94	0.13	9.13	0.03	0.09	9.10	-	0.04	0.18	-	- 0.08	3.99	98.5823
11A Sheet Silicates	Biotite	29	326	30	37.46	0.74	17.98	0.03	0.01	17.25	0.17	12.42	0.08	0.15	9.44	-	0.03	0.05	-	- 0.03	4.03	99.8168
11A Sheet Silicates	Biotite	29	328	32	36.36	2.01	17.64	0.02	0.01	18.63	0.25	10.72	0.02	0.16	9.60	0.02	0.04	0.57	-	- 0.25	3.95	99.7278
11A Sheet Silicates	Biotite	29	331	35	35.49	2.21	17.79	0.03	-	18.89	0.25	9.93	0.02	0.10	9.65	0.02	0.03	0.41	-	- 0.18	3.95	98.5682
11A Sheet Silicates	Biotite	29	332	36	35.25	2.27	17.38	0.08	0.02	19.76	0.25	9.88	0.03	0.10	9.56	-	0.04	0.07	-	- 0.04	3.95	98.5958
11A Sheet Silicates	Biotite	29	333	37	35.02	2.43	17.43	0.06	0.02	18.74	0.27	9.70	0.01	0.10	9.55	-	0.03	0.03	-	- 0.02	3.97	97.3545
11A Sheet Silicates	Biotite	29	335	39	35.86	1.89	16.89	0.03	-	19.11	0.28	10.92	0.03	0.12	9.60	0.01	0.03	0.43	-	- 0.19	3.94	98.9422
11A Sheet Silicates	Biotite	29	342	46	35.58	1.68	17.40	0.09	0.04	19.43	0.29	9.83	0.01	0.07	9.56	0.00	0.04	0.17	-	- 0.08	3.95	98.0587
11A Sheet Silicates	Biotite	29	347	51	34.36	3.30	17.52	0.02	-	19.01	0.37	9.38	0.02	0.10	9.82	0.00	0.05	0.38	-	- 0.17	3.92	98.0847
11A Sheet Silicates	Biotite	29	350	54	35.30	1.88	17.14	0.03	0.03	20.51	0.28	9.77	0.00	0.12	9.57	0.01	0.04	0.03	-	- 0.02	3.94	98.63
11A Sheet Silicates	Biotite	29	367	71	35.98	1.03	17.08	0.03	0.02	20.06	0.33	10.98	0.06	0.13	9.29	0.00	0.04	0.31	-	- 0.14	3.94	99.1392
11A Sheet Silicates	Biotite	29	372	76	35.21	2.34	17.65	0.03	0.08	19.35	0.22	9.91	0.06	0.14	9.62	-	0.03	0.05	-	- 0.03	3.96	98.611
11A Sheet Silicates	Biotite	29	384	88	35.74	2.10	16.97	0.05	-	20.77	0.33	9.54	0.03	0.08	9.61	-	0.04	0.22	-	- 0.10	3.92	99.2952
11A Sheet Silicates	Biotite	29	387	91	35.76	2.49	17.49	0.02	0.05	19.47	0.27	9.58	-	0.08	9.74	-	0.03	0.13	-	- 0.06	3.95	99.0116
11A Sheet Silicates	Biotite	29	400	104	35.16	3.16	16.83	-	-	19.91	0.27	9.21	0.01	0.07	9.77	-	0.04	0.02	-	- 0.02	3.94	98.3727
11A Sheet Silicates	Biotite	29	408	112	32.45	2.37	16.43	0.04	0.00	19.49	0.29	8.45	0.02	0.06	9.15	-	0.08	0.03	-	- 0.03	3.93	92.7796
11A Sheet Silicates	Biotite	29	409	113	34.28	2.35	17.29	0.07	0.02	20.66	0.30	9.27	0.03	0.10	9.78	-	0.03	0.07	-	- 0.04	3.91	98.1282
11A Sheet Silicates part 2	Biotite	48	479	4	34.77	2.30	17.11	0.02	-	20.14	0.32	9.64	0.04	0.08	9.65	0.02	0.04	0.09	-	- 0.05	3.93	98.1067
11A Sheet Silicates part 2	Biotite	48	480	5	35.06	2.33	17.32	0.01	-	20.46	0.33	9.58	0.03	0.06	9.77	0.03	0.03	0.08	-	- 0.04	3.93	98.9712
11A Sheet Silicates part 2	Biotite	48	484	9	36.20	2.24	17.29	0.06	-	19.90	0.29	9.59	0.02	0.06	9.95	-	0.03	0.14	-	- 0.07	3.94	99.6403
11A Sheet Silicates part 2	Biotite	48	486	11	35.28	2.46	16.92	0.07	0.06	20.39	0.29	9.74	0.02	0.10	9.77	-	0.04	0.12	-	- 0.06	3.92	99.1143
11A Sheet Silicates part 2	Biotite	48	488	13	34.37	1.16	16.33	-	-	20.57	0.35	10.74	0.06	0.08	9.16	-	0.05	0.02	-	- 0.02	3.93	96.7905
11A Sheet Silicates part 2	Biotite	48	490	15	35.75	2.32	16.99	-	0.03	19.78	0.28	10.03	0.02	0.11	9.53	0.02	0.03	0.44	-	- 0.19	3.93	99.0718
11A Sheet Silicates part 2	Biotite	48	491	16	35.61	1.92	17.53	0.02	-	19.45	0.32	9.78	0.01	0.06	9.95	-	0.04	0.26	-	- 0.12	3.94	98.7631
11A Sheet Silicates part 2	Biotite	48	494	19	34.81	2.80	17.31	0.06	0.04	21.10	0.32	8.52	0.03	0.08	9.80	-	0.04	0.22	-	- 0.10	3.90	98.9215
11A Sheet Silicates part 2	Biotite	48	495	20	34.84	2.86	17.29	0.06	0.03	21.02	0.29	8.51	0.01	0.06	9.73	-	0.03	0.22	-	- 0.10	3.91	98.7536
	Average				35.49	2.24	17.28	0.04	0.02	19.57	0.28	9.80	0.03	0.09	9.60	0.01	0.04	0.20	0.00	-0.09	3.94	98.55
	Min				32.45	0.74	16.33	0.00	0.00	17.25	0.13	8.45	0.00	0.05	9.10	0.00	0.03	0.00	0.00	-0.25	3.90	92.78
	Max				37.46	3.30	18.77	0.09	0.08	21.10	0.37	12.42	0.08	0.16	9.95	0.04	0.08	0.57	0.00	-0.01	4.03	99.87
	STDEV				0.88	0.57	0.48	0.02	0.02	0.91	0.05	0.84	0.02	0.03	0.21	0.01	0.01	0.17	0.00	0.07	0.02	1.24

Electron Microprobe Analysis (Wt %)

Mixed Chlorite Biotite

					Electron Microprobe Analysis																	
SAMPLE	Mineral	NUMBER	LINE	REL. LINE	SiO2	TiO2	Al2O3	V2O3	Cr2O3	FeO	MnO	MgO	CaO	Na2O	K2O	P2O5	Cl	F	CO2	O	H2O	TOTAL
11A Sheet Silicates	Biotite Mixed	29	308	12	30.32	0.63	17.05	0.02	0.02	23.67	0.31	13.74	0.05	0.02	2.34	0.01	0.02	0.03	-	- 0.02	4.00	92.2225
11A Sheet Silicates	Biotite Mixed	29	320	24	33.82	1.49	16.93	0.02	0.05	21.34	0.30	10.88	0.05	0.09	7.59	-	0.04	0.16	-	- 0.08	3.94	96.6225
11A Sheet Silicates	Biotite Mixed	29	321	25	34.13	1.49	16.87	-	0.04	21.10	0.32	11.01	0.05	0.09	7.52	-	0.05	0.26	-	- 0.12	3.94	96.7494
11A Sheet Silicates	Biotite Mixed	29	339	43	29.26	0.71	16.87	0.03	0.05	23.45	0.30	14.07	0.08	0.05	2.41	-	0.02	-	-	- 0.00	3.99	91.2832
11A Sheet Silicates	Biotite Mixed	29	365	69	29.91	0.78	17.16	0.03	0.06	22.55	0.31	13.71	0.13	0.03	2.54	-	0.02	0.05	-	- 0.03	4.01	91.242
11A Sheet Silicates	Biotite Mixed	29	395	99	34.35	0.94	17.04	0.05	0.04	20.12	0.25	11.68	0.03	0.07	7.54	0.01	0.03	0.27	-	- 0.12	3.97	96.2709
11A Sheet Silicates	Biotite Mixed	29	405	109	32.72	0.25	18.09	0.03	0.00	20.61	0.16	12.44	0.08	0.01	2.66	-	0.00	-	-	- 0.00	4.10	91.1675
	Average				31.64	1.51	16.14	0.03	0.03	21.83	0.28	12.50	0.07	0.05	4.66	0.00	0.02	0.11	0.00	-0.05	3.99	93.65
	Min				0.88	0.25	0.48	0.00	0.00	20.12	0.16	10.88	0.03	0.01	2.34	0.00	0.00	0.00	0.00	-0.12	3.94	91.17
	Max				37.46	3.30	18.77	0.09	0.08	23.67	0.32	14.07	0.13	0.09	7.59	0.01	0.05	0.27	0.00	0.00	4.10	96.75
	STDEV				8.51	0.95	4.22	0.03	0.02	1.40	0.05	1.35	0.03	0.03	2.71	0.01	0.01	0.12	0.00	0.05	0.05	2.74

Geosyntec Consultants
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High Definition Mineralogical Analysis using QEMSCAN (Quantitative Evaluation of Materials by Scanning Electron Microscopy)

EMPA and LA-ICP-MS Data for Chlorite

Electron Microprobe Analysis (Wt%)

SAMPLE	Mineral	NUMBER	LINE	REL. LINE	SiO2	TiO2	Al2O3	V2O3	Cr2O3	FeO	MnO	MgO	CaO	Na2O	K2O	P2O5	Cl	F	CO2	O	H2O	TOTAL
11A Sheet Silicates	Chlorite	29	310	14	29.44	0.43	17.29	0.00	0.04	24.68	0.36	14.17	0.05	0.00	1.50	0.01	0.01	0.00	0.00	0.00	11.48	99.47
11A Sheet Silicates	Chlorite	29	325	29	28.11	0.11	17.10	0.01	0.05	26.60	0.20	14.88	0.09	0.00	0.06	0.00	0.00	0.00	0.00	0.00	11.44	98.65
11A Sheet Silicates	Chlorite	29	329	33	29.38	0.40	17.38	0.03	0.00	25.00	0.31	14.35	0.11	0.03	1.47	0.00	0.01	0.07	0.00	-0.03	11.44	99.94
11A Sheet Silicates	Chlorite	29	330	34	27.29	0.04	16.56	0.02	0.00	25.53	0.33	13.97	0.17	0.00	0.27	0.00	0.03	0.00	0.00	-0.01	11.48	95.69
11A Sheet Silicates	Chlorite	29	338	42	26.87	0.10	17.28	0.00	0.00	25.65	0.34	14.43	0.10	0.00	0.29	0.01	0.01	0.00	0.00	0.00	11.46	96.55
11A Sheet Silicates	Chlorite	29	355	59	28.12	0.21	16.63	0.00	0.03	26.54	0.25	14.68	0.13	0.02	0.29	0.00	0.00	0.00	0.00	0.00	11.42	98.32
11A Sheet Silicates	Chlorite	29	364	68	29.81	0.08	17.14	0.01	0.03	24.89	0.27	13.87	0.16	0.19	0.23	0.00	0.00	0.00	0.00	0.00	11.58	98.26
11A Sheet Silicates	Chlorite	29	370	74	27.23	0.23	18.98	0.04	0.01	26.01	0.41	13.82	0.05	0.04	0.81	0.01	0.01	0.00	0.00	0.00	11.41	99.05
11A Sheet Silicates	Chlorite	29	374	78	26.43	0.06	18.25	0.03	0.02	26.07	0.55	14.16	0.04	0.00	0.07	0.01	0.01	0.00	0.00	0.00	11.44	97.12
11A Sheet Silicates	Chlorite	29	375	79	28.23	0.04	16.71	0.07	0.00	26.84	0.34	14.72	0.17	0.00	0.06	0.00	0.00	0.00	0.00	0.00	11.42	98.60
11A Sheet Silicates	Chlorite	29	385	89	27.29	0.10	16.65	0.03	0.04	25.25	0.30	15.34	0.06	0.02	0.16	0.01	0.01	0.00	0.00	0.00	11.49	96.74
11A Sheet Silicates	Chlorite	29	386	90	25.75	0.06	18.46	0.05	0.01	26.34	0.54	14.09	0.04	0.00	0.06	0.03	0.00	0.00	0.00	0.00	11.41	96.86
11A Sheet Silicates	Chlorite	29	391	95	30.63	1.45	16.99	0.00	0.06	22.00	0.30	13.38	1.01	0.03	1.69	0.00	0.03	0.22	0.00	-0.10	11.57	99.27
11A Sheet Silicates	Chlorite	29	399	103	31.76	0.16	18.55	0.07	0.00	22.68	0.35	11.61	0.15	0.04	1.68	0.02	0.00	0.00	0.00	0.00	11.70	98.76
11A Sheet Silicates	Chlorite	29	401	105	27.57	2.71	16.20	0.03	0.01	24.27	0.28	14.37	2.54	0.00	0.05	0.00	0.00	0.00	0.00	0.00	11.43	99.48
11A Sheet Silicates	Chlorite	29	402	106	27.69	0.12	16.79	0.03	0.05	26.77	0.32	14.64	0.09	0.01	0.07	0.02	0.00	0.00	0.00	0.00	11.42	98.01
11A Sheet Silicates	Chlorite	29	403	107	27.97	0.23	16.73	0.03	0.04	25.58	0.33	15.15	0.15	0.00	0.10	0.02	0.01	0.00	0.00	0.00	11.48	97.82
11A Sheet Silicates	Chlorite	29	404	108	27.27	2.01	18.27	0.05	0.03	25.06	0.37	12.99	1.85	0.01	0.35	0.00	0.01	0.01	0.00	-0.01	11.41	99.71
11A Sheet Silicates	Chlorite	29	406	110	27.77	0.08	17.04	0.03	0.00	25.76	0.15	14.81	0.07	0.01	0.20	0.00	0.00	0.00	0.00	0.00	11.49	97.39
11A Sheet Silicates	Chlorite	29	410	114	26.74	1.85	17.64	0.05	0.06	25.78	0.54	12.60	1.76	0.00	0.03	0.00	0.00	0.01	0.00	0.00	11.37	98.42
11A Sheet Silicates part 2	Chlorite	48	477	2	29.10	0.53	17.04	0.01	0.02	24.24	0.32	14.43	0.11	0.03	1.46	0.00	0.01	0.00	0.00	0.00	11.50	98.80
11A Sheet Silicates part 2	Chlorite	48	481	6	28.22	0.18	17.24	0.04	0.05	25.38	0.24	14.67	0.10	0.01	0.57	0.00	0.00	0.00	0.00	0.00	11.48	98.18
11A Sheet Silicates part 2	Chlorite	48	482	7	28.50	0.08	16.96	0.05	0.02	25.91	0.15	15.24	0.07	0.01	0.10	0.01	0.01	0.00	0.00	0.00	11.49	98.60
11A Sheet Silicates part 2	Chlorite	48	483	8	28.16	0.16	18.51	0.06	0.00	26.06	0.53	13.66	0.03	0.02	0.36	0.00	0.00	0.00	0.00	0.00	11.46	99.02
11A Sheet Silicates part 2	Chlorite	48	489	14	28.65	0.30	16.92	0.04	0.04	25.77	0.38	15.09	0.09	0.00	0.60	0.01	0.01	0.00	0.00	0.00	11.44	99.34
11A Sheet Silicates part 2	Chlorite	48	493	18	25.87	0.67	18.25	0.01	0.01	25.24	0.54	13.30	0.56	0.00	0.09	0.00	0.03	0.00	0.00	-0.01	11.46	96.01
11A Sheet Silicates part 2	Chlorite	48	497	22	27.20	0.77	17.93	0.00	0.00	26.65	0.53	13.84	0.65	0.01	0.16	0.00	0.01	0.00	0.00	0.00	11.37	99.12
11A Sheet Silicates part 2	Chlorite	48	499	24	26.06	0.17	18.02	0.01	0.04	26.26	0.32	14.79	0.09	0.00	0.03	0.02	0.00	0.00	0.00	0.00	11.42	97.22
11A Sheet Silicates part 2	Chlorite	48	500	25	26.49	0.13	17.65	0.05	0.01	26.49	0.34	15.13	0.06	0.00	0.02	0.00	0.00	0.00	0.00	0.00	11.41	97.79
11A Sheet Silicates part 2	Chlorite	48	501	26	28.23	0.08	19.58	0.04	0.00	25.15	0.53	12.94	0.07	0.00	0.77	0.00	0.00	0.04	0.00	-0.02	11.50	98.92
11A Sheet Silicates part 2	Chlorite	48	503	28	28.21	0.07	16.88	0.01	0.01	25.62	0.35	15.37	0.08	0.01	0.09	0.03	0.01	0.00	0.00	0.00	11.49	98.21
	Average				27.94	0.44	17.47	0.03	0.02	25.49	0.36	14.21	0.35	0.02	0.44	0.01	0.01	0.01	0.00	-0.01	11.46	98.24
	Min				25.75	0.04	16.20	0.00	0.00	22.00	0.15	11.61	0.03	0.00	0.02	0.00	0.00	0.00	0.00	-0.10	11.37	95.69
	Max				31.76	2.71	19.58	0.07	0.06	26.84	0.55	15.37	2.54	0.19	1.69	0.03	0.03	0.22	0.00	0.00	11.70	99.94
	STDEV				1.35	0.66	0.81	0.02	0.02	1.09	0.11	0.88	0.61	0.03	0.54	0.01	0.01	0.04	0.00	0.02	0.06	1.09

Geosyntec Consultants
20707-01
MI5079-OCT24

High Definition Mineralogical Analysis using QEMSCAN (Quantitative Evaluation of Materials by Scanning Electron Microscopy)

LA-ICP-MS Data - Average Lithium Concentrations in Muscovite, Biotite, Biotite Mix and Chlorite

Mineral	Average Li Concentrations (ppm)
Muscovite	154.89
Biotite	628.79
Biotite Mixed	735.78
Chlorite	673.91

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ANALYTICAL REPORT

PREPARED FOR

Attn: Ali Akbari
Geosyntec Consultants Inc
1255 Roberts Blvd. NW
Suite 200
Kennesaw, Georgia 30144

Generated 12/17/2025 11:07:32 AM

JOB DESCRIPTION

Plant Wansley OW Services

JOB NUMBER

705-40767-1

Eurofins Atlanta
3080 Presidential Dr
Atlanta GA 30340

See page two for job notes and contact information.

my EOL

Eurofins Atlanta

Job Notes

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Southeast, LLC Project Manager.

Authorization

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Authorized for release by
David Fuller, Project Manager
David.Fuller@et.eurofinsus.com
(770)344-8986

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Sample Summary

Client: Geosyntec Consultants Inc
Project/Site: Plant Wansley OW Services

Job ID: 705-40767-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
705-40767-1	PZA-2Mid	Water	08/19/25 13:51	08/22/25 09:57	Georgia
705-40767-3	Equipment Blank	Water	08/19/25 16:30	08/22/25 09:57	Georgia

Eurofins Atlanta
3080 Presidential Dr
Atlanta, GA 30340
Phone (770) 457-8177

Chain of Custody Record

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Client Information	Sampler: T. Goble	Lab PM: David Fuller / Phone: 770-344-8986	Carrier Tracking No(s):	COC No:
Client Contact: Ali Akbari	Phone:	E-Mail: David.Fuller@et.eurofinsus.com	State of Origin: GA	Page: Page 1 of 1
Company: Geosyntec Consultants Inc	PWSID:			Job #:
Address: 1255 Roberts Blvd, NW Suite 200	Due Date Requested: Hold			Preservation Codes: D - HNO3
City: Kennesaw	TAT Requested (days): Hold			
State, Zip: GA, 30144	Compliance Project: Δ Yes Δ No			
Phone: 678-718-4754(Tel)	Lab Project #: 70504856 (DO NOT REMOVE)			705-40767 COC
Lab Deliverables Emails: Ali.Akbari@Geosyntec.com	PO #:			
Project Name: Plant Winskey GW services	Project #: GW11293			Other:
Task Code:	SSOW#:			

Analysis Requested

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6020B - Lithium & Strontium - Water	Total Number of containers	Special Instructions/Note:
			Preservation Code:				D		
PZA-21Mid	08/19/25	1351	G	W	N	N	✓	2	Hold
PZA-25shallow	08/19/25	1604	G	W	N	N	✓	2	Hold
Equipment Blank	08/19/25	1630	G	W	N	N	✓	1	Hold

Possible Hazard Identification
☑ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by: | Date: | Time: | Method of Shipment:

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
Taylor Goble	8-19-25/1700	ACC	[signature]	8/19/1700	Geosyntec
[signature]	8/21/25 /15:30	Geosyntec	[signature]	08/22/2025 0920	

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 3.2°C #2665

Login Sample Receipt Checklist

Client: Geosyntec Consultants Inc

Job Number: 705-40767-1

Login Number: 40767
List Number: 1
Creator: Torres, Dominique

List Source: Eurofins Atlanta

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
The cooler does not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Sample custody seals, if present, are intact.	True	
Sample collection date/times are provided.	True	
The samples do not appear to have been compromised or tampered with.	True	
Containers are not broken or leaking.	True	
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	True	
Appropriate sample containers were rec'd and sufficient volume for all analyses.	True	
Samples are received within Holding Time (excluding tests with immediate HTs).	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Is there sufficient air space in bottle for bacteriological analysis.	True	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job Narrative
705-40767-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 8/22/2025 9:57 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.2°C.

Metals
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Client Sample Results

Client: Geosyntec Consultants Inc
Project/Site: Plant Wansley OW Services

Job ID: 705-40767-1

Client Sample ID: PZA-2Mid

Date Collected: 08/19/25 13:51
Date Received: 08/22/25 09:57

Lab Sample ID: 705-40767-1

Matrix: Water

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Li	130		5.0	5.0	ug/L		11/10/25 14:52	11/13/25 21:15	1
Strontium	2700		200	200	ug/L		11/10/25 14:52	11/13/25 21:18	400

Client Sample Results

Client: Geosyntec Consultants Inc
Project/Site: Plant Wansley OW Services

Job ID: 705-40767-1

Client Sample ID: Equipment Blank

Lab Sample ID: 705-40767-3

Date Collected: 08/19/25 16:30
Matrix: Water
Date Received: 08/22/25 09:57

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Li	ND		5.0	5.0	ug/L		11/10/25 14:52	11/13/25 21:21	1
Strontium	**0.68**		0.50	0.50	ug/L		11/10/25 14:52	11/13/25 21:21	1

Method Summary

Client: Geosyntec Consultants Inc
Project/Site: Plant Wansley OW Services

Job ID: 705-40767-1

Method	Method Description	Protocol	Laboratory
6020B	Metals (ICP/MS)	SW846	EET ATL
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET ATL

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET ATL = Eurofins Atlanta, 3080 Presidential Dr, Atlanta, GA 30340, TEL (770)457-8177

QC Sample Results

Client: Geosyntec Consultants Inc
Project/Site: Plant Wansley OW Services

Job ID: 705-40767-1

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 705-94118/1-A
Matrix: Water
Analysis Batch: 95237

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 94118

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Li	ND		5.0	5.0	ug/L		11/10/25 14:52	11/13/25 19:19	1
Strontium	ND		0.50	0.50	ug/L		11/10/25 14:52	11/13/25 19:19	1

Lab Sample ID: LCS 705-94118/2-A
Matrix: Water
Analysis Batch: 95237

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 94118

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Li	100	105		ug/L		105	80 - 120
Strontium	100	94.2		ug/L		94	80 - 120

Lab Chronicle

Client: Geosyntec Consultants Inc
Project/Site: Plant Wansley OW Services

Job ID: 705-40767-1

Client Sample ID: PZA-2Mid

Lab Sample ID: 705-40767-1
Matrix: Water

Date Collected: 08/19/25 13:51
Date Received: 08/22/25 09:57

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			94118	TR	EET ATL	11/10/25 14:52
Total Recoverable	Analysis	6020B		1	95237	MD	EET ATL	11/13/25 21:15
Total Recoverable	Prep	3005A			94118	TR	EET ATL	11/10/25 14:52
Total Recoverable	Analysis	6020B		400	95237	MD	EET ATL	11/13/25 21:18

Client Sample ID: Equipment Blank

Lab Sample ID: 705-40767-3
Matrix: Water

Date Collected: 08/19/25 16:30
Date Received: 08/22/25 09:57

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			94118	TR	EET ATL	11/10/25 14:52
Total Recoverable	Analysis	6020B		1	95237	MD	EET ATL	11/13/25 21:21

Laboratory References:

EET ATL = Eurofins Atlanta, 3080 Presidential Dr, Atlanta, GA 30340, TEL (770)457-8177

Accreditation/Certification Summary

Client: Geosyntec Consultants Inc
Project/Site: Plant Wansley OW Services

Job ID: 705-40767-1

Laboratory: Eurofins Atlanta

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Florida	NELAP	E87582	06-30-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
6020B	3005A	Water	Li
6020B	3005A	Water	Strontium

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ANALYTICAL REPORT

PREPARED FOR

Attn: Robert (Trey) Singleton
Southern Company
3535 Colonnade Parkway
Bin S 530 EC
Birmingham, Alabama 35243

Generated 12/9/2025 5:28:44 PM

JOB DESCRIPTION

Plant Wansley - Ash Pond

JOB NUMBER

705-49739-1

Eurofins Atlanta
3080 Presidential Dr
Atlanta GA 30340

See page two for job notes and contact information.

my EOL

Eurofins Atlanta

Job Notes

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Southeast, LLC Project Manager.

Authorization

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12/9/2025 5:28:44 PM

Authorized for release by
David Fuller, Project Manager
David.Fuller@et.eurofinsus.com
(770)344-8986

Sample Summary

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-49739-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
705-49739-1	WAN-WGWC-19	Water	11/17/25 08:23	11/19/25 11:25	Georgia
705-49739-2	WAN-WGWC-20	Water	11/17/25 08:14	11/19/25 11:25	Georgia
705-49739-3	WAN-WGWC-21	Water	11/17/25 13:10	11/19/25 11:25	Georgia
705-49739-4	WAN-WGWC-28D	Water	11/17/25 15:02	11/19/25 11:25	Georgia
705-49739-5	WAN-GWA-28	Water	11/17/25 15:20	11/19/25 11:25	Georgia
705-49739-6	WAN-GWA-29	Water	11/17/25 16:37	11/19/25 11:25	Georgia
705-49739-7	WAN-AP1-EB-01	Water	11/17/25 16:00	11/19/25 11:25	Georgia

Eurofins Atlanta
3080 Presidential Dr
Atlanta, GA 30340
Phone: 770-457-8177 Fax: 770-457-8188

Chain of Custody Record

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Client Information	Sampler: D. Johnson	Lab PM: Fuller, David	Carrier Tracking No(s):	COC No: 705-15651-7693.1
Client Contact: ~~Ali Akbari~~ MATT TALBERT	Phone: 770-608-1767	E-Mail: David.Fuller@et.eurofinsus.com	State of Origin: GA	Page: Page 1 of 1
Company: Geosyntec Consultants Inc	PWSID:			Job #:
Address: 1255 Roberts Blvd. NW Suite 200	Due Date Requested:			Preservation Codes: D - HNO3
City: Kennesaw	TAT Requested (days):			
State, Zip: GA, 30144	Compliance Project: Δ Yes Δ No			
Phone:	PO #: 100061163			705-49739 COC
Email: matthew.talbert@geosyntec.com ~~Ali.Akbari@Geosyntec.com~~	WO #: Project# GW6581G			
Project Name: Metals Bottles	Project #: 70500911			Other: TASK CODE: WAN-CCR-UTH-2025117
Site:	SSOW#:			

Analysis Requested

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	6010D, 6020B - Lithium & Strontium	Total Number of Contained Intact	Special Instructions/Note:
WAN-WGWC-19	11-17-25	0823	G	Water	✓		
WAN-WGWC-20	11-17-25	0814	G	Water	✓		
WAN-WGWC-21	11-17-25	1310	G	Water	✓		
WAN-WGWC-28D	11-17-25	1502	G	Water	✓		
WAN-GWA-28	11-17-25	1520	G	Water	✓		
WAN-GWA-29	11-17-25	1637	G	Water	✓		
Equipment Blank	11-17-25	1600	G	Water	✓		
				Water			
				Water			
				Water			
				Water			

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For ____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:		
Relinquished by:	Date/Time: 11/19/25 @ 1125	Company: AEC	Received by:	Date/Time: 11.19.25	Company: 11.25
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks: 0.6° # 2665 C1

Ver: 10/10/2024

Login Sample Receipt Checklist

Client: Southern Company

Job Number: 705-49739-1

Login Number: 49739
List Number: 1
Creator: Torres, Dominique

List Source: Eurofins Atlanta

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
The cooler does not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Sample custody seals, if present, are intact.	True	
Sample collection date/times are provided.	True	
The samples do not appear to have been compromised or tampered with.	True	
Containers are not broken or leaking.	True	
There are no discrepancies between the containers received and the COC.	True	
Sample containers have legible labels.	True	
Appropriate sample containers were rec'd and sufficient volume for all analyses.	True	
Samples are received within Holding Time (excluding tests with immediate HTs).	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Is there sufficient air space in bottle for bacteriological analysis.	True	

Definitions/Glossary

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-49739-1

Qualifiers

Metals

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job Narrative
705-49739-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 11/19/2025 11:25 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 0.6°C.

Receipt Exceptions
Per communication from the client, the Client Sample ID, Equipment Blank, should be renamed as WAN-AP1-EB-01.

Metals
Method 6020B - Total Recoverable: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 705-96719 and analytical batch 705-97155 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-49739-1

Client Sample ID: WAN-WGWC-19 — Lab Sample ID: 705-49739-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lithium	55		5.0	5.0	ug/L	1		6020B	Total Recoverable
Strontium	37	F1	0.50	0.50	ug/L	1		6020B	Total Recoverable

Client Sample ID: WAN-WGWC-20 — Lab Sample ID: 705-49739-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lithium	120		5.0	5.0	ug/L	1		6020B	Total Recoverable
Strontium	510		5.0	5.0	ug/L	10		6020B	Total Recoverable

Client Sample ID: WAN-WGWC-21 — Lab Sample ID: 705-49739-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lithium	69		5.0	5.0	ug/L	1		6020B	Total Recoverable
Strontium	380		5.0	5.0	ug/L	10		6020B	Total Recoverable

Client Sample ID: WAN-WGWC-28D — Lab Sample ID: 705-49739-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lithium	260		50	50	ug/L	10		6020B	Total Recoverable
Strontium	970		5.0	5.0	ug/L	10		6020B	Total Recoverable

Client Sample ID: WAN-GWA-28 — Lab Sample ID: 705-49739-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lithium	21		5.0	5.0	ug/L	1		6020B	Total Recoverable
Strontium	7.2		0.50	0.50	ug/L	1		6020B	Total Recoverable

Client Sample ID: WAN-GWA-29 — Lab Sample ID: 705-49739-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lithium	43		5.0	5.0	ug/L	1		6020B	Total Recoverable
Strontium	7.6		0.50	0.50	ug/L	1		6020B	Total Recoverable

Client Sample ID: WAN-AP1-EB-01 — Lab Sample ID: 705-49739-7

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins Atlanta

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-49739-1

Client Sample ID: WAN-WGWC-19
Lab Sample ID: 705-49739-1
Date Collected: 11/17/25 08:23
Matrix: Water
Date Received: 11/19/25 11:25

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	55		5.0	5.0	ug/L		11/20/25 17:06	11/21/25 19:21	1
Strontium	37	F1	0.50	0.50	ug/L		11/20/25 17:06	11/21/25 19:21	1

Client Sample ID: WAN-WGWC-20
Lab Sample ID: 705-49739-2
Date Collected: 11/17/25 08:14
Matrix: Water
Date Received: 11/19/25 11:25

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	120		5.0	5.0	ug/L		11/20/25 17:06	11/21/25 19:34	1
Strontium	510		5.0	5.0	ug/L		11/20/25 17:06	12/05/25 02:02	10

Client Sample ID: WAN-WGWC-21
Lab Sample ID: 705-49739-3
Date Collected: 11/17/25 13:10
Matrix: Water
Date Received: 11/19/25 11:25

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	69		5.0	5.0	ug/L		11/20/25 17:06	11/21/25 19:37	1
Strontium	380		5.0	5.0	ug/L		11/20/25 17:06	12/05/25 02:05	10

Client Sample ID: WAN-WGWC-28D
Lab Sample ID: 705-49739-4
Date Collected: 11/17/25 15:02
Matrix: Water
Date Received: 11/19/25 11:25

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	260		50	50	ug/L		11/20/25 17:06	11/22/25 15:56	10
Strontium	970		5.0	5.0	ug/L		11/20/25 17:06	11/22/25 15:56	10

Client Sample ID: WAN-GWA-28
Lab Sample ID: 705-49739-5
Date Collected: 11/17/25 15:20
Matrix: Water
Date Received: 11/19/25 11:25

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	21		5.0	5.0	ug/L		11/20/25 17:06	11/21/25 19:58	1
Strontium	7.2		0.50	0.50	ug/L		11/20/25 17:06	11/21/25 19:58	1

Client Sample ID: WAN-GWA-29
Lab Sample ID: 705-49739-6
Date Collected: 11/17/25 16:37
Matrix: Water
Date Received: 11/19/25 11:25

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	43		5.0	5.0	ug/L		11/20/25 17:06	11/21/25 20:01	1
Strontium	7.6		0.50	0.50	ug/L		11/20/25 17:06	11/21/25 20:01	1

Client Sample Results

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-49739-1

Client Sample ID: WAN-AP1-EB-01

Lab Sample ID: 705-49739-7

Date Collected: 11/17/25 16:00
Matrix: Water
Date Received: 11/19/25 11:25

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	ND		5.0	5.0	ug/L		11/20/25 17:06	11/21/25 20:04	1
Strontium	ND		0.50	0.50	ug/L		11/20/25 17:06	11/21/25 20:04	1

Method Summary

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-49739-1

Method	Method Description	Protocol	Laboratory
6020B	Metals (ICP/MS)	SW846	EET ATL
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET ATL

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET ATL = Eurofins Atlanta, 3080 Presidential Dr, Atlanta, GA 30340, TEL (770)457-8177

QC Sample Results

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-49739-1

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 705-96719/1-A
Matrix: Water
Analysis Batch: 97155

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 96719

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	ND		5.0	5.0	ug/L		11/20/25 17:06	11/21/25 19:16	1
Strontium	ND		0.50	0.50	ug/L		11/20/25 17:06	11/21/25 19:16	1

Lab Sample ID: LCS 705-96719/2-A
Matrix: Water
Analysis Batch: 97155

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 96719

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Lithium	100	96.8		ug/L		97	80 - 120
Strontium	100	116		ug/L		116	80 - 120

Lab Sample ID: 705-49739-1 MS
Matrix: Water
Analysis Batch: 97155

Client Sample ID: WAN-WGWC-19
Prep Type: Total Recoverable
Prep Batch: 96719

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Lithium	55		100	159		ug/L		103	75 - 125
Strontium	37	F1	100	167	F1	ug/L		130	75 - 125

Lab Sample ID: 705-49739-1 MSD
Matrix: Water
Analysis Batch: 97155

Client Sample ID: WAN-WGWC-19
Prep Type: Total Recoverable
Prep Batch: 96719

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Lithium	55		100	155		ug/L		99	75 - 125	3	20
Strontium	37	F1	100	138		ug/L		101	75 - 125	19	20

QC Association Summary

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-49739-1

Metals

Prep Batch: 96719

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-49739-1	WAN-WGWC-19	Total Recoverable	Water	3005A	
705-49739-2	WAN-WGWC-20	Total Recoverable	Water	3005A	
705-49739-3	WAN-WGWC-21	Total Recoverable	Water	3005A	
705-49739-4	WAN-WGWC-28D	Total Recoverable	Water	3005A	
705-49739-5	WAN-GWA-28	Total Recoverable	Water	3005A	
705-49739-6	WAN-GWA-29	Total Recoverable	Water	3005A	
705-49739-7	WAN-AP1-EB-01	Total Recoverable	Water	3005A	
MB 705-96719/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 705-96719/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
705-49739-1 MS	WAN-WGWC-19	Total Recoverable	Water	3005A	
705-49739-1 MSD	WAN-WGWC-19	Total Recoverable	Water	3005A	

Analysis Batch: 97155

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-49739-1	WAN-WGWC-19	Total Recoverable	Water	6020B	96719
705-49739-2	WAN-WGWC-20	Total Recoverable	Water	6020B	96719
705-49739-3	WAN-WGWC-21	Total Recoverable	Water	6020B	96719
705-49739-5	WAN-GWA-28	Total Recoverable	Water	6020B	96719
705-49739-6	WAN-GWA-29	Total Recoverable	Water	6020B	96719
705-49739-7	WAN-AP1-EB-01	Total Recoverable	Water	6020B	96719
MB 705-96719/1-A	Method Blank	Total Recoverable	Water	6020B	96719
LCS 705-96719/2-A	Lab Control Sample	Total Recoverable	Water	6020B	96719
705-49739-1 MS	WAN-WGWC-19	Total Recoverable	Water	6020B	96719
705-49739-1 MSD	WAN-WGWC-19	Total Recoverable	Water	6020B	96719

Analysis Batch: 97159

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-49739-4	WAN-WGWC-28D	Total Recoverable	Water	6020B	96719

Analysis Batch: 99498

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
705-49739-2	WAN-WGWC-20	Total Recoverable	Water	6020B	96719
705-49739-3	WAN-WGWC-21	Total Recoverable	Water	6020B	96719

Lab Chronicle

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-49739-1

Client Sample ID: WAN-WGWC-19 — Lab Sample ID: 705-49739-1

Date Collected: 11/17/25 08:23 — **Matrix: Water**
Date Received: 11/19/25 11:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			96719	KB	EET ATL	11/20/25 17:06
Total Recoverable	Analysis	6020B		1	97155	TT	EET ATL	11/21/25 19:21

Client Sample ID: WAN-WGWC-20 — Lab Sample ID: 705-49739-2

Date Collected: 11/17/25 08:14 — **Matrix: Water**
Date Received: 11/19/25 11:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			96719	KB	EET ATL	11/20/25 17:06
Total Recoverable	Analysis	6020B		1	97155	TT	EET ATL	11/21/25 19:34
Total Recoverable	Prep	3005A			96719	KB	EET ATL	11/20/25 17:06
Total Recoverable	Analysis	6020B		10	99498	IF	EET ATL	12/05/25 02:02

Client Sample ID: WAN-WGWC-21 — Lab Sample ID: 705-49739-3

Date Collected: 11/17/25 13:10 — **Matrix: Water**
Date Received: 11/19/25 11:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			96719	KB	EET ATL	11/20/25 17:06
Total Recoverable	Analysis	6020B		1	97155	TT	EET ATL	11/21/25 19:37
Total Recoverable	Prep	3005A			96719	KB	EET ATL	11/20/25 17:06
Total Recoverable	Analysis	6020B		10	99498	IF	EET ATL	12/05/25 02:05

Client Sample ID: WAN-WGWC-28D — Lab Sample ID: 705-49739-4

Date Collected: 11/17/25 15:02 — **Matrix: Water**
Date Received: 11/19/25 11:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			96719	KB	EET ATL	11/20/25 17:06
Total Recoverable	Analysis	6020B		10	97159	TT	EET ATL	11/22/25 15:56

Client Sample ID: WAN-GWA-28 — Lab Sample ID: 705-49739-5

Date Collected: 11/17/25 15:20 — **Matrix: Water**
Date Received: 11/19/25 11:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			96719	KB	EET ATL	11/20/25 17:06
Total Recoverable	Analysis	6020B		1	97155	TT	EET ATL	11/21/25 19:58

Client Sample ID: WAN-GWA-29 — Lab Sample ID: 705-49739-6

Date Collected: 11/17/25 16:37 — **Matrix: Water**
Date Received: 11/19/25 11:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			96719	KB	EET ATL	11/20/25 17:06
Total Recoverable	Analysis	6020B		1	97155	TT	EET ATL	11/21/25 20:01

Lab Chronicle

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-49739-1

Client Sample ID: WAN-AP1-EB-01

Date Collected: 11/17/25 16:00
Date Received: 11/19/25 11:25

Lab Sample ID: 705-49739-7

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			96719	KB	EET ATL	11/20/25 17:06
Total Recoverable	Analysis	6020B		1	97155	TT	EET ATL	11/21/25 20:04

Laboratory References:

EET ATL = Eurofins Atlanta, 3080 Presidential Dr, Atlanta, GA 30340, TEL (770)457-8177

Accreditation/Certification Summary

Client: Southern Company
Project/Site: Plant Wansley - Ash Pond

Job ID: 705-49739-1

Laboratory: Eurofins Atlanta

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Florida	NELAP	E87582	06-30-26

SiREM
Leading Science · Lasting Solutions

180B Market Place Blvd. | 130 Stone Rd W Guelph
Knoxville, TN 37922 ON N1G 3Z2

Certificate of Analysis
Compound-Specific Isotope Analysis
Metals in Groundwater Samples

Customer:

Geosyntec Consultants, Inc.

Site Reference:

Plant Wansley

Sample Reception

S-11391, August 22, 2025

SiREM Reference:

Si-08809

Revised Report Issued:

March 25, 2026

Introduction

This revised report represents the Compound Specific Isotope Analysis (CSIA) results from samples from the Plant Wansley site. The data from 1 sample was analyzed for isotope ratios for lithium and strontium. Revisions include the addition of repeated lithium analysis to confirm results. One sample was not analyzed (NA) at this time as requested by Geosyntec.

Sample Summary

Sample ID	Compounds	Isotope Analysis
PZA-2 Mid	Li, Sr	$\delta^{7}Li$, $^{87}Sr/^{86}Sr$
PZA-2 Shallow	NA	NA

130 Stone Rd. W
Guelph, ON N1G 3Z2
(519) 822-2265

Analytical Results - Revised

SiREM File Reference: S-11391

Client: Geosyntec Consultants, Inc.
Client Project Number: GW11293
Date Samples Received: August 22, 2025
Date Samples Analyzed: September, 2025 to February, 2026
IsoDetect Internal Project No: 25-114-GG

Client Sample ID	SiREM Reference ID	Isodetect Reference ID	Client Sample Date	Lithium		Lithium Re-Analysis 1		Lithium Re-Analysis 2		Strontium	
				δ^7Li [‰]	2SD [‰]	δ^7Li [‰]	2SD [‰]	δ^7Li [‰]	2SD [‰]	$^{87}Sr/^{86}Sr$	2SD
PZA-2 Mid	25-23809	25-114-01	19-Aug-25	6.3	0.6	6.2	0.5	6.2	0.8	0.710835	0.000011
PZA-2 Shallow	25-23810	--	19-Aug-25	n.m.	--	n.m.	--	n.m.	--	n.m.	--

Comments:
Method: Compound Specific Isotope Analysis (CSIA)
Concentration data have been submitted by the customer
-- = not applicable
2SD= standard deviation, calculated from two independent consecutive measurements
n.m. = not measured

Analyst:

Brooke Rapien, B.Sc.
Senior Laboratory Technician I

Results approved:

Kela Ashworth, B.Sc.
Scientist

Revision Date:

March 25, 2026

siremlab.com

SiREM

Canadian Shipping Address:
130 Stone Road West
Guelph, Ontario N1G 3Z2
PH: 1-519-822-2265
Toll Free PH: 1-866-251-1747
www.siremlab.com

U.S. Shipping Address:
180B Market Place Blvd
Knoxville, TN 37922
PH: 1-865-330-0037
Toll Free PH: 1-866-251-1747

Chain of Custody (COC) Record

Lab # S-11391

Project Name: Plant Wansley GW Services
Project # (Optional): GW11293
Project Manager: Matthew Talbert
Proposal #:
Company: Geosyntec
Email Address: Mattew.talbert@geosyntec.com
Address (Street): 1255 Roberts Blvd NW Suite 200
City: Kennesaw
State/Province: GA
Country: US
Phone #:
Sampler's Signature: Taylor Goble
Sampler's Printed Name: Taylor Goble

1 of 1 COCs

Client Sample ID	Sampling Date	Sampling Time	Matrix	Number of Containers	Sample Preservative	Analysis	Other Information (Optional)	Sample ID
PZA-21Mid	08/19/25	1351	GW	~~DW~~ 2	None		Hold	
PZA-2Shallow	08/19/25	1604	GW	~~DW~~ 2	None		Hold	
~~Equipment Blank~~	~~08/19/25~~	~~1630~~	~~WQ~~	~~1~~	~~None~~			

DIC

For Lab Use Only
SiREM Database Info
Recorded By: KC
Date: 8-22-25

Billing Information (Optional)
P.O. #:
Bill To:

For Lab Use Only
Observed Cooler Temperature (°C): 2.8
Corrected Cooler Temperature (°C): —
Thermometer ID: KX00238
Cooler Number (if applicable): _____
Custody Seals Intact: ☒ Yes ☐ No ☐ Not Applicable
Custody Seal Number (if applicable): _____

Relinquished By:	Received By:	Relinquished By:	Received By:	Relinquished By:	Received By:
Signature: Taylor Goble	Signature: [signature]	Signature: [signature]	Signature: [signature]	Signature:	Signature:
Printed Name: Taylor Goble	Printed Name: Dalton Kepley	Printed Name: Dalton Kepley	Printed Name: Richard Gracchiola	Printed Name:	Printed Name:
Firm: Atlantic Coast Consulting	Firm: Geosyntec	Firm: Geosyntec	Firm: SiREM	Firm:	Firm:
Date/Time: 8-19-25 / 1700	Date/Time: 8/19/25/1700	Date/Time: 8/21/1530	Date/Time: 8-22-25 1108	Date/Time:	Date/Time:

Please note: The SiREM Knoxville location does not have a loading dock. For large volume shipments a truck with a lift gate is required.

Isodetect
Umweltmonitoring GmbH

11th of December 2025

Analytical report

Ordering party:	SiREM 130 Stone Rd. West Guelph, Ontario, Canada N1G 3Z2
Contact person:	Kela Ashworth Brent G. Pautler, Ph.D.
Contractor:	Isodetect GmbH Deutscher Platz 5b 04103 Leipzig Germany
Person in charge:	Kevin Kuntze, Ph.D. Phone: +49 341 35535851 Mail: kuntze@isodetect.de Anko Fischer, Ph.D. Phone: +49 341 35535855 Mail: fischer@isodetect.de
Samples received:	29th of August 2025
Project ID/ Field site:	S-11391 (Geosyntec Plant Wansley)
Internal Project No.:	25-114-GG
Scope on analysis:	1 x isotope ratio of Sr, Li

.....
Dr. Kevin Kuntze

.....
Dr. Anko Fischer

Analysis results

Well/ sample	Lab ID	**δ^7Li [‰]**	2SD [‰]	**^{87}Sr/^{86}Sr**	2 SD
PZA-2 Mid	25-114-01	**6.3**	0.6	**0.710835**	0.000011

The analyses were carried out after ion exchange separation. Determination of respective isotope ratios were carried out by MC-ICP-MS using an internal standardization and external calibration with bracketing isotope standard reference materials (SRMs), for which Li delta value (δ^7Li) was calculated against LSVEC NIST 8545 RM. The standard deviation (2SD) was calculated from two independent consecutive measurements.

					Re-analysis 1		Re-analysis 2				
Well/ sample	Lab ID	**δ^7Li [‰]**	2SD [‰]	Li µg/L	**δ^7Li [‰]**	2SD [‰]	**δ^7Li [‰]**	2SD [‰]	**$^{87}Sr/^{86}Sr$**	2 SD	Sr µg/L
PZA-2 Mid	25-114-01	**6,3**	0,6		**6,2**	0,5	**6,2**	0,8	**0,710835**	0,000011	

Chain of Custody for CSIA of organic pollutants

Isodetect Umweltmonitoring GmbH

Contact information			
Company:	SiREM	Email:	kashworth@siremlab.com
Contact:	Kela Ashworth	Address:	130 Stone Rd W, Guelph ON N1G 3Z2
Phone:	+1 519-515-0889		

Project information			
Project ID:	Plant Wansley GW Services	Field site:	
Project description:			
Sampled by:	Geosyntec Consultants	Company:	Geosyntec Consultants

	Client Sample ID/ Sampling point	Sampling Date	Sampling Time	Matrix	Conditions (e.g. Temp., O_2, R_{ly}, pH)	Sampling type$	Sample volume for CSIA	Fixative#	CSIA for*	Isotope ratio^	Other Notes (e.g. troubles, weather)
1	PZA-2 Mid	8/19/25	1351	GW		2	1 L × 2	5-none	Li, Sr		S-11391
2	PZA-2 Shallow	8/19/25	1604	GW		2	1 L × 2	5-none	Li, Sr		S-11391

$ 1 – Submersible pump, 2 – Suction pump, 3 – Bailer, 4 – Tap/outlet, 5 – Trial pit, 6 – Percussion drilling, 7 – Direct push sampling, 8 – Hand excavation, 9 – others (give sampling type)

* 1 – BTEX, 2 – halogenated VOC, 3 – PAH, 4 – Fuel additives (MTBE, ETBE, TAME, TAEE etc.), 5 – Explosives (TNT, RDX, dinitrotoluene, nitrobenzenes etc.), 6 – Petroleum hydrocarbons (e.g. alkylated benzenes, alkanes etc.), 7 – Chlorobenzenes, 8 – Gas hydrocarbons (e.g. methane, ethane, propane, butane, etc.), 9 – Pesticides (HCH, DDT, phenoxy acids, atrazine, bromacil, etc.), 10 – others (give target compounds)

^ 1 – $^{13}C/^{12}C$, 2 – $^{2}H/^{1}H$, 3 – $^{37}Cl/^{35}Cl$, 4 – $^{15}N/^{14}N$, 5 – $^{81}Br/^{79}Br$, 6 – others (give target isotope ratio)

1 – NaOH, 2 – $Na_3PO_4 \cdot 12H_2O$, 3 – HCl, 4 – H_2SO_4, 5 – none, 6 – others (give preservative)

Relinquished by	Received by	Relinquished by	Received by
Signature: Kall	Signature:	Signature:	Signature:
Name: Kaitland Cracchiola	Name: Falk Bratfisch	Name:	Name:
Company: SiREM	Company: Isodetect GmbH	Company:	Company:
Date/Time: 8.27.25 1600	Date/Time: 29.08.25 1430	Date/Time:	Date/Time:

Isodetect GmbH, Deutscher Platz 5b, 04103 Leipzig, Germany Phone: +49 (0)341-355-35851, Fax: +49 (0)341-355-35852, Email: kuntze@isodetect.de www.isodetect.de

12,8°C

25-114-1F

Isodetect Umweltmonitoring GmbH

SiREM
Leading Science · Lasting Solutions

180B Market Place Blvd. | 130 Stone Rd W Guelph
Knoxville, TN 37922 ON N1G 3Z2

Certificate of Analysis
Compound-Specific Isotope Analysis
Metals in Groundwater Samples

Customer:

Geosyntec Consultants, Inc.

Site Reference:

Plant Wansley

Sample Reception

S-11618, November 20, 2025

SiREM Reference:

Si-08809

Revised Report Issued:

March 25, 2026

Introduction

This revised report represents the Compound Specific Isotope Analysis (CSIA) results from samples from the Plant Wansley site. The data from 6 samples were analyzed for isotope ratios of lithium and strontium. Revisions include the addition of repeated lithium analysis to confirm results.

Sample Summary

Sample ID	Compounds	Isotope Analysis
WAN-WGWC-19	Li, Sr	δ^{7}Li, ^{87}Sr/^{86}Sr
WAN-WGWC-20	Li, Sr	δ^{7}Li, ^{87}Sr/^{86}Sr
WAN-WGWC-21	Li, Sr	δ^{7}Li, ^{87}Sr/^{86}Sr
WAN-WGWC-28D	Li, Sr	δ^{7}Li, ^{87}Sr/^{86}Sr
WAN-GWA-28	Li, Sr	δ^{7}Li, ^{87}Sr/^{86}Sr
WAN-GWA-29	Li, Sr	δ^{7}Li, ^{87}Sr/^{86}Sr

SiREM
Leading Science · Lasting Solutions

130 Stone Rd. W
Guelph, ON N1G 3Z2
(519) 822-2265

Analytical Results - Revised

SiREM File Reference: S-11618

Client: Geosyntec Consultants, Inc.
Client Project Number: GW11293
Date Samples Received: November 20, 2025
Date Samples Analyzed: November 2025 to February 2026
IsoDetect Internal Project No: 25-160-GG

Client Sample ID	SiREM Reference ID	Isodetect Reference ID	Client Sample Date	Lithium		Lithium Re-Analysis 1		Lithium Re-Analysis 2		Strontium	
				δ^7Li [‰]	2SD [‰]	δ^7Li [‰]	2SD [‰]	δ^7Li [‰]	2SD [‰]	$^{87}Sr/^{86}Sr$	2SD
WAN-WGWC-19	25-25375	25-160-01	17-Nov-25	8.2	0.7	8.7	0.5	8.9	0.7	0.723334	0.000068
WAN-WGWC-20	25-25376	25-160-02	17-Nov-25	-2.4	0.7	-2.1	0.5	-1.9	0.1	0.730018	0.000026
WAN-WGWC-21	25-25377	25-160-03	17-Nov-25	14.6	0.6	15.4	0.7	15.3	1.2	0.713520	0.000021
WAN-WGWC-28D	25-25378	25-160-04	17-Nov-25	0.1	0.7	1.4	0.8	0.5	0.5	0.715211	0.000035
WAN-GWA-28	25-25379	25-160-05	17-Nov-25	-1.0	0.7	-0.4	0.7	-0.01	0.6	0.744890	0.000067
WAN-GWA-29	25-25380	25-160-06	17-Nov-25	-1.0	0.8	-1.6	0.6	-0.7	0.7	0.748124	0.000064

Comments:
Method: Compound Specific Isotope Analysis (CSIA)
‰ = per mil
2SD= standard deviation, calculated from two independent consecutive measurements

Analyst:

KJ Elipse-Cruz, B.Sc.
Senior Laboratory Technician I

Results approved:

Kela Ashworth, B.Sc.
Scientist

Revision Date:

March 25, 2026

siremlab.com

SiREM

Canadian Shipping Address:
130 Stone Road West
Guelph, Ontario N1G 3Z2
PH: 1-519-822-2265
Toll Free PH: 1-866-251-1747
www.siremlab.com

U.S. Shipping Address:
180B Market Place Blvd
Knoxville, TN 37922
PH: 1-865-330-0037
Toll Free PH: 1-866-251-1747

Chain of Custody (COC) Record

Lab # S-11618

Project Name: PLANT WANSLEY ASH POND- ISOTOPE
Project # (Optional):
Project Manager: Matt Talbert
Proposal #:
Company: Geosyntec
Email Address: matthew.talbert@geosyntec.com
Address (Street): 1255 Roberts Blvd NW Suite 200
City: Kennesaw
State/Province: GA
Country: GA 20144
Phone #:
Sampler's Signature: Dever Johnson
Sampler's Printed Name: DEVER JOHNSON

Analysis

TASK CODE: WAN-CCR-OTH-20251117

1 of 1 COCs

For Lab Use Only
SiREM Database Info
Recorded By: ____
Date: ____

Client Sample ID	Sampling Date	Sampling Time	Matrix	Number of Containers	Sample Preservative	CSIA (Li and Sr)	Field Filtered CSIA (Li and Sr)	Other Information (Optional)	Sample ID
WAN-WGWC-19	11-17-25	0823	GW	2	ICE	✓	✓		
WAN-WGWC-20	11-17-25	0814	GW	2	ICE	✓	✓		
WAN-WGWC-21	11-17-25	1310	GW	2	ICE	✓	✓		
WAN-WGWC-28D	11-17-25	1502	GW	2	ICE	✓	✓		
WAN-GWA-28	11-17-25	1520	GW	2	ICE	✓	✓		
WAN-GWA-29	11-17-25	1637	GW	2	ICE	✓	✓		

Billing Information (Optional)
P.O. #:
Bill To:

For Lab Use Only
Observed Cooler Temperature (°C): 3.3
Corrected Cooler Temperature (°C): —
Thermometer ID: KX00238
Cooler Number (If applicable): ____
Custody Seals Intact: ☐ Yes ☐ No ☒ Not Applicable
Custody Seal Number (If applicable): ____

Relinquished By:	Received By:	Relinquished By:	Received By:	Relinquished By:	Received By:
Signature: Dever Johnson	Signature: [illegible]	Signature:	Signature:	Signature:	Signature:
Printed Name: DEVER JOHNSON	Printed Name: Kathland Crouch	Printed Name:	Printed Name:	Printed Name:	Printed Name:
Firm: ACC	Firm: SiREM	Firm:	Firm:	Firm:	Firm:
Date/Time: 11/19/25 @ 1100	Date/Time: 11/20/25 1057	Date/Time:	Date/Time:	Date/Time:	Date/Time:

Please note: The SiREM Knoxville location does not have a loading dock. For large volume shipments a truck with a lift gate is required.

14th of January 2026

Analytical report

Ordering party:	SiREM 130 Stone Rd. West Guelph, Ontario, Canada N1G 3Z2
Contact person:	Kela Ashworth Brent G. Pautler, Ph.D.
Contractor:	Isodetect GmbH Deutscher Platz 5b 04103 Leipzig Germany
Person in charge:	Kevin Kuntze, Ph.D. Phone: +49 341 35535851 Mail: kuntze@isodetect.de Anko Fischer, Ph.D. Phone: +49 341 35535855 Mail: fischer@isodetect.de
Samples received:	04th of December 2025
Project ID/ Field site:	S-11618 (Geosyntec Plant Wansley)
Internal Project No.:	25-160-GG
Scope on analysis:	6 x isotope ratio of Sr, Li

.....
Dr. Kevin Kuntze

.....
Dr. Anko Fischer

Analysis results

Well/ sample	Lab ID	δ^7Li [‰]	2SD [‰]	^{87}Sr/^{86}Sr	2 SD
WAN-WGWC-19	25-160-01	**8.2**	0.7	**0.723334**	0.000068
WAN-WGWC-20	25-160-02	**-2.4**	0.7	**0.730018**	0.000026
WAN-WGWC-21	25-160-03	**14.6**	0.6	**0.713520**	0.000021
WAN-WGWC-28D	25-160-04	**0.1**	0.7	**0.715211**	0.000035
WAN-WGWC-28	25-160-05	**-1.0**	0.7	**0.744890**	0.000067
WAN-WGWC-29	25-160-06	**-1.0**	0.8	**0.748124**	0.000064

The analyses were carried out after ion exchange separation. Determination of respective isotope ratios were carried out by MC-ICP-MS using an internal standardization and external calibration with bracketing isotope standard reference materials (SRMs), for which Li delta value (δ^7Li) was calculated against LSVEC NIST 8545 RM. The standard deviation (2SD) was calculated from two independent consecutive measurements.

					Re-analysis 1		Re-analysis 2				
Well/ sample	Lab ID	**δ^7Li [‰]**	2SD [‰]	Li µg/L	**δ^7Li [‰]**	2SD [‰]	**δ^7Li [‰]**	2SD [‰]	**$^{87}Sr/^{86}Sr$**	2 SD	Sr µg/L
WAN-WGWC-19	25-160-01	**8,2**	0,7	62	**8,7**	0,5	**8,9**	0,7	**0,723334**	0,000068	34
WAN-WGWC-20	25-160-02	**-2,4**	0,7	140	**-2,1**	0,5	**-1,9**	0,1	**0,730018**	0,000026	490
WAN-WGWC-21	25-160-03	**14,6**	0,6	71	**15,4**	0,7	**15,3**	1,2	**0,71352**	0,000021	324
WAN-WGWC-28D	25-160-04	**0,1**	0,7	243	**1,4**	0,8	**0,5**	0,5	**0,715211**	0,000035	862
WAN-WGWC-28	25-160-05	**-1,0**	0,7	16	**-0,4**	0,7	**-0,01**	0,6	**0,74489**	0,000067	7,4
WAN-WGWC-29	25-160-06	**-1,0**	0,8	38	**-1,6**	0,6	**-0,7**	0,7	**0,748124**	0,000064	7,1

Chain of Custody for CSIA of organic pollutants

Isodetect Umweltmonitoring GmbH

Contact information				Project information			
Company:	SiREM	Email:	kashworth@siremlab.com	Project ID:	Plant Wansley	Field site:	
Contact:	Kela Ashworth	Address:	130 Stone Rd W, Guelph ON N1G 3Z2	Project description:			
Phone:	+1 519-515-0889			Sampled by:		Company:	Geosyntec

	Client Sample ID/ Sampling point	Sampling Date	Sampling Time	Matrix	Conditions (e.g. Temp., O_2, R_H, pH)	Sampling type$	Sample volume for CSIA	Fixative#	CSIA for*	Isotope ratio^	Other Notes (e.g. troubles, weather)
1	WAN-WGWC-19	11/17/25	0823	GW		2	1 L	5-none	Li & Sr		S-11618
2	WAN-WGWC-20	11/17/25	0814	GW		2	1 L	5-none			S-11618
3	WAN-WGWC-21	11/17/25	1310	GW		2	1 L	5-none			S-11618
4	WAN-WGWC-28D	11/17/25	1502	GW		2	1 L	5-none			S-11618
5	WAN-GWA-28	11/17/25	1520	GW		2	1 L	5-none			S-11618
6	WAN-GWA-29	11/17/25	1637	GW		2	1 L	5-none			S-11618

$ 1 – Submersible pump, 2 – Suction pump, 3 – Bailer, 4 – Tap/outlet, 5 – Trial pit, 6 – Percussion drilling, 7 – Direct push sampling, 8 – Hand excavation, 9 – others (give sampling type)

* 1 – BTEX, 2 – halogenated VOC, 3 – PAH, 4 – Fuel additives (MTBE, ETBE, TAME, TAEE etc.), 5 – Explosives (TNT, RDX, dinitrotoluene, nitrobenzenes etc.), 6 – Petroleum hydrocarbons (e.g. alkylated benzenes, alkanes etc.), 7 – Chlorobenzenes, 8 – Gas hydrocarbons (e.g. methane, ethane, propane, butane, etc.), 9 – Pesticides (HCH, DDT, phenoxy acids, atrazine, bromacil, etc.), 10 – others (give target compounds)

^ 1 – $^{13}C/^{12}C$, 2 – $^{2}H/^{1}H$, 3 – $^{37}Cl/^{35}Cl$, 4 – $^{15}N/^{14}N$, 5 – $^{81}Br/^{79}Br$, 6 – others (give target isotope ratio)

1 – NaOH, 2 – $Na_3PO_4 \cdot 12H_2O$, 3 – HCl, 4 – H_2SO_4, 5 – none, 6 – others (give preservative)

Relinquished by	Received by	Relinquished by	Received by
Signature: K Cracchiola	Signature:	Signature:	Signature:
Name: Kaitland Cracchiola	Name: Vazquez Ramos, José	Name:	Name:
Company: SiREM	Company: Isodetect GmbH	Company:	Company:
Date/Time: 12/2/25 @ 1600	Date/Time: 4.12.2025	Date/Time:	Date/Time:

Isodetect GmbH, Deutscher Platz 5b, 04103 Leipzig, Germany Phone: +49 (0)341-355-35851, Fax: +49 (0)341-355-35852, Email: kuntze@isodetect.de www.isodetect.de

Isodetect Umweltmonitoring GmbH

25-160-66

APPENDIX D

Revised Lithium GWPS Statistics

Tukey's Outlier Test - Upgradient Wells - All Results

Plant Wansley Client: Southern Company Data: Wansley AP 1 Printed 5/4/2026, 11:24 AM

Constituent	Well	Outlier	Value(s)	Method	Alpha	N	Distribution	Normality Test
Lithium (mg/L)	**WGWA-1,WGWA-2,WGW...**	**Yes**	**0.072,0.067,0.07,0.074,0.068,0.065,0.11,0.087**	**NP**	**NaN**	**271**	**normal**	**ChiSquared**

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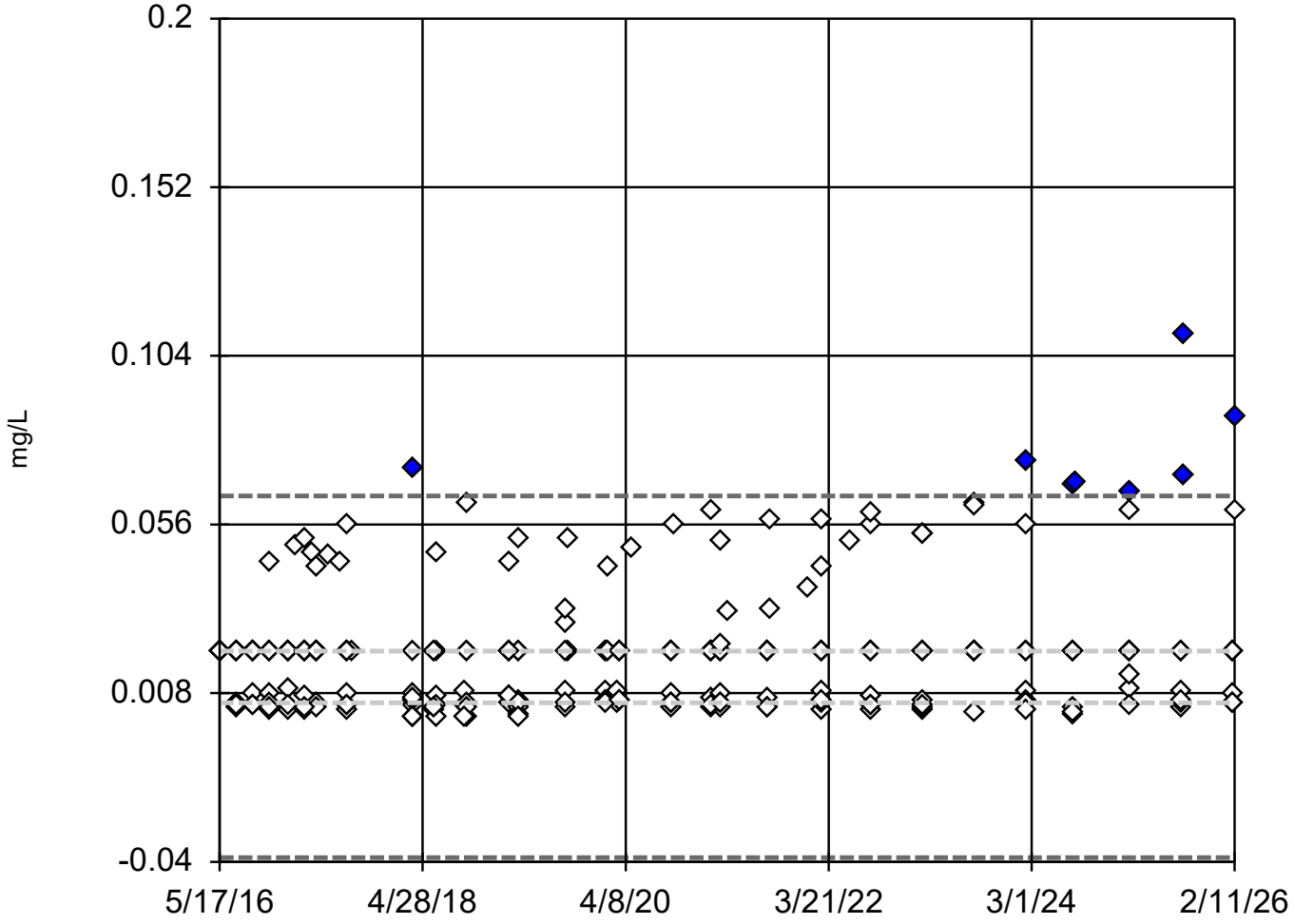
Tukey's Outlier Screening, Pooled Background

WGWA-1,WGWA-2,WGWA-3,WGWA-4,WGWA-5,WG...



n = 271

Outliers are drawn as solid.
Tukey's method selected by user.

High cutoff = 0.0641, low cutoff = -0.0388, based on IQR multiplier of 3.

Constituent: Lithium Analysis Run 5/4/2026 11:24 AM View: Check

Plant Wansley Client: Southern Company Data: Wansley AP 1

Outlier Summary - Lithium Upgradient

Plant Wansley Client: Southern Company Data: Wansley AP 1 Printed 5/4/2026, 11:35 AM

	WGWA-1 Lithium (mg/L)	WGWA-2 Lithium (mg/L)	WGWA-3 Lithium (mg/L)	WGWA-4 Lithium (mg/L)	WGWA-5 Lithium (mg/L)	WGWA-6 Lithium (mg/L)	WGWA-7 Lithium (mg/L)	WGWA-18 Lithium (mg/L)	WGWC-21 Lithium (mg/L)
5/17/2016	<0.05 (O)	<0.05 (O)						<0.05 (O)	
5/18/2016			<0.05 (O)	<0.05 (O)	<0.05 (O)	<0.05 (O)	<0.05 (O)		
8/19/2025									0.11 (O)

Upper Tolerance Limits Summary Table - Lithium

Plant Wansley Client: Southern Company Data: Wansley AP 1 Printed 5/4/2026, 11:27 AM

Constituent	Upper Lim.	Lower Lim.	Bg N	%NDs	ND Adj.	Transform	Alpha	Method
Lithium (mg/L)	0.087	n/a	262	43.13	n/a	n/a	NaN	NP Inter(normality)

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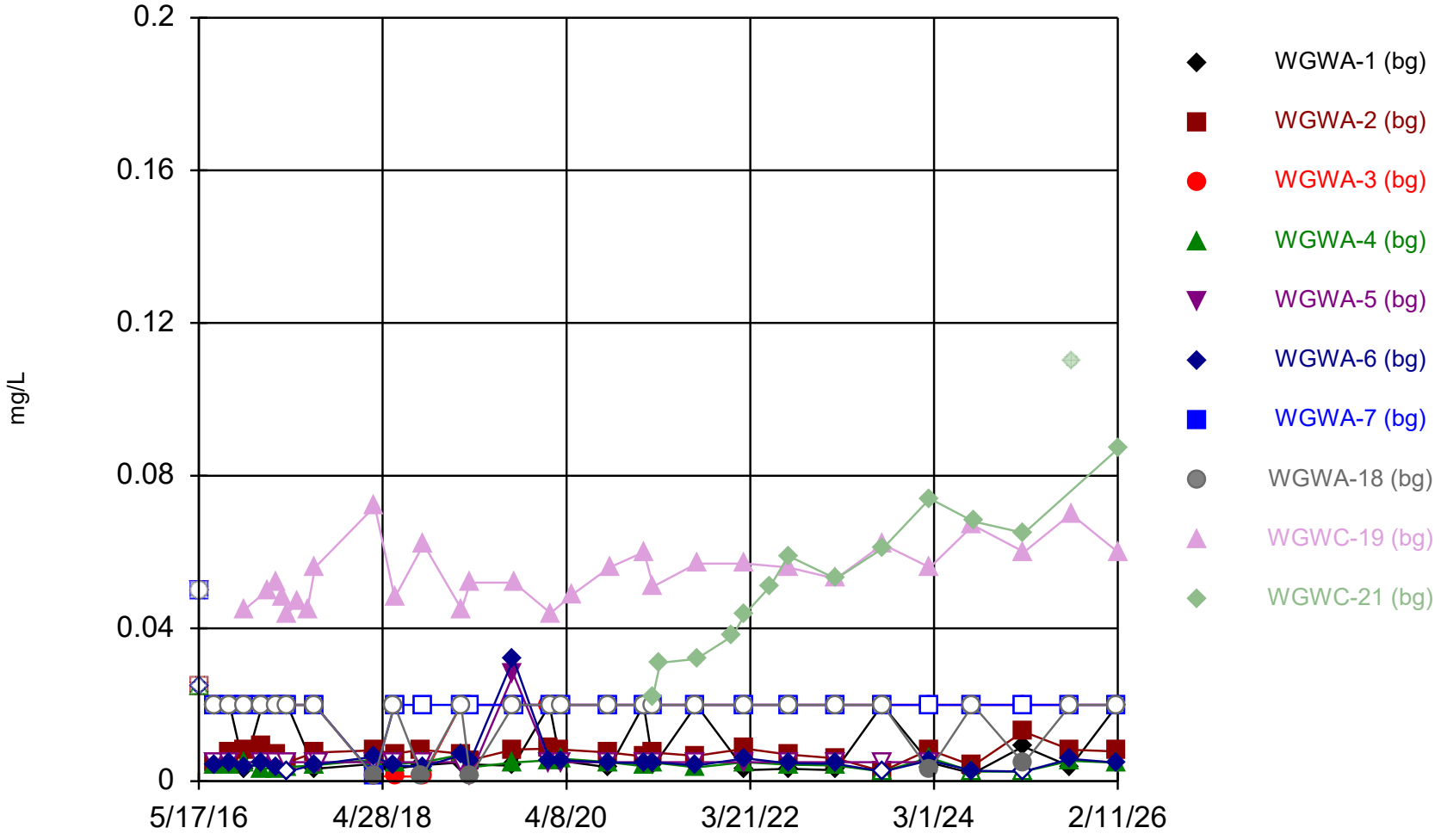
Hollow symbols indicate censored values.

Time Series

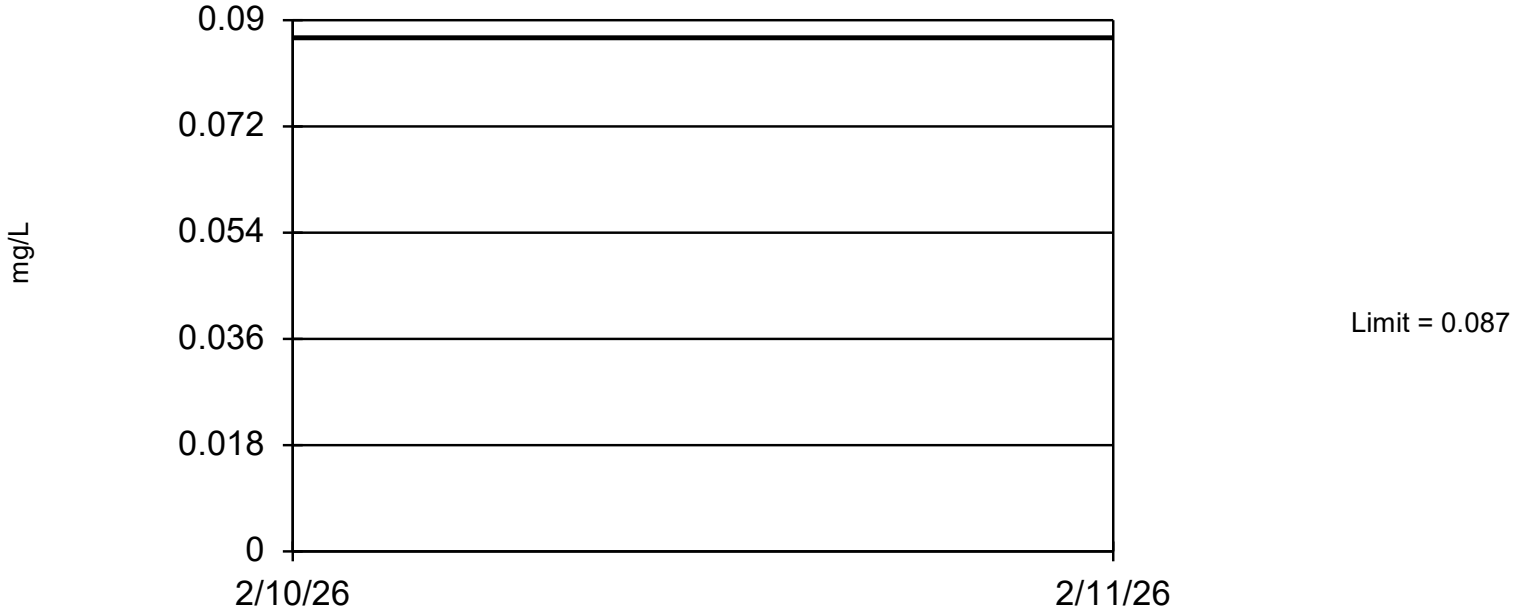


Constituent: Lithium Analysis Run 5/4/2026 11:27 AM View: Check

Plant Wansley Client: Southern Company Data: Wansley AP 1

Tolerance Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric tolerance limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 262 background values. 43.13% NDs. 99.8% coverage at alpha=0.01; 99.8% coverage at alpha=0.05; 99.8% coverage at alpha=0.5. Report alpha < 0.0001.

Constituent: Lithium Analysis Run 5/4/2026 11:26 AM View: Check

Plant Wansley Client: Southern Company Data: Wansley AP 1

Tolerance Limit

Constituent: Lithium (mg/L) Analysis Run 5/4/2026 11:26 AM View: Check

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWA-1 (bg)	WGWA-18 (bg)	WGWA-5 (bg)	WGWA-6 (bg)	WGWA-2 (bg)	WGWA-7 (bg)	WGWA-3 (bg)	WGWA-4 (bg)	WGWC-19 (bg)
5/17/2016	<0.05 (O)	<0.05 (O)			<0.05 (O)				
5/18/2016			<0.05 (O)	<0.05 (O)		<0.05 (O)	<0.05 (O)	<0.05 (O)	
7/19/2016	<0.02	<0.02	<0.02	0.0043 (J)	0.005	<0.02			
7/20/2016							<0.02	0.0041 (J)	
9/13/2016	<0.02	<0.02		0.0045 (J)	0.0075	<0.02	<0.02	0.0042 (J)	
9/14/2016			<0.02						
11/9/2016	0.0032 (J)	<0.02		0.0036 (J)	0.0078				
11/10/2016						<0.02	<0.02	0.0048 (J)	
11/11/2016									0.045
1/17/2017	<0.02				0.009				
1/18/2017				0.0046 (J)		<0.02	<0.02	0.0033 (J)	
1/19/2017		<0.02	<0.02						
2/6/2017									0.05
3/13/2017	<0.02				0.0069				
3/14/2017		<0.02	<0.02	0.0038 (J)		<0.02	<0.02	0.0033 (J)	
3/15/2017									0.052
4/11/2017									0.048
4/24/2017	<0.02				0.0049 (J)				
4/25/2017		<0.02	<0.02	<0.02		<0.02	<0.02	0.0037 (J)	
4/26/2017									0.044
6/7/2017									0.047
7/11/2017									0.045
8/8/2017	0.0032 (J)	<0.02		0.0043 (J)	0.0075	<0.02	<0.02		
8/9/2017			<0.02					0.0042 (J)	
8/10/2017									0.056
8/25/2017			<0.02						
3/27/2018	0.0045 (J)				0.0081				
3/28/2018		0.0012 (J)	<0.02	0.0064		0.0014 (J)	0.0013 (J)	0.0056	
3/29/2018									0.072
6/13/2018	0.0033 (J)	<0.02	<0.02	0.0041 (J)					
6/14/2018					0.0072	<0.02	0.0012 (J)	0.0045 (J)	0.048
9/24/2018					0.0082				
9/27/2018	0.0042 (J)								
9/28/2018		0.0013 (J)							
10/2/2018				0.0038 (J)					
10/3/2018			<0.02			<0.02	0.0012 (J)	0.005	
10/4/2018									0.062
2/25/2019	0.0049 (J)				0.0072				
2/26/2019		<0.02	<0.02	0.0068		<0.02	<0.02	0.0069	
2/28/2019									0.045
4/1/2019	0.0044 (J)				0.0055				
4/2/2019		0.0012 (J)	0.0016 (J)	0.0052		<0.02	<0.02	0.0036 (J)	0.052
9/16/2019	0.004 (J)		0.028 (O)	0.032 (O)					
9/17/2019		<0.02			0.0083			0.0049 (J)	
9/18/2019						<0.02	<0.02		0.052
2/3/2020	<0.02				0.0085				
2/4/2020			<0.02	0.0053			<0.02	0.0055	
2/5/2020		<0.02				<0.02			
2/7/2020									0.044
3/16/2020	0.0053				0.0083				
3/17/2020		<0.02	<0.02	0.0055		<0.02	<0.02	0.0059	
5/4/2020									0.049

ND substitution: RL or RL/2 if <15% NDs.

Tolerance Limit

Constituent: Lithium (mg/L) Analysis Run 5/4/2026 11:26 AM View: Check

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWA-1 (bg)	WGWA-18 (bg)	WGWA-5 (bg)	WGWA-6 (bg)	WGWA-2 (bg)	WGWA-7 (bg)	WGWA-3 (bg)	WGWA-4 (bg)	WGWC-19 (bg)
9/21/2020					0.0075		<0.02	0.005	
9/22/2020	0.0036 (J)	<0.02	<0.02	0.0049 (J)		<0.02			
9/23/2020									0.056
2/2/2021	<0.02	<0.02			0.0065	<0.02	<0.02	0.0039 (J)	
2/3/2021			<0.02	0.0047 (J)					0.06
3/9/2021									
3/10/2021		<0.02	<0.02		0.0075	<0.02	<0.02	0.0049 (J)	
3/11/2021	0.0039 (J)			0.005					0.051
4/7/2021									
8/23/2021					0.0066				
8/24/2021	<0.02		<0.02	0.0041 (J)		<0.02		0.0036 (J)	
8/25/2021		<0.02					<0.02		
8/26/2021									0.057
1/11/2022									
2/28/2022								0.005	
3/1/2022	0.0029 (J)		<0.02	0.006	0.0085		<0.02		
3/3/2022		<0.02				<0.02			0.057
6/6/2022									
8/15/2022	0.0032 (J)		<0.02	0.0047 (J)	0.007				
8/16/2022		<0.02				<0.02	<0.02	0.0043 (J)	
8/17/2022									0.056
2/14/2023	0.0029 (J)	<0.02	<0.02	0.0045 (J)	0.006	<0.02	<0.02		
2/15/2023								0.0041 (J)	
2/16/2023									0.053
8/14/2023	<0.02				0.0026 (J)				
8/15/2023		<0.02	<0.02	<0.02		<0.02	<0.02	<0.02	
8/16/2023									0.062
8/17/2023									
2/13/2024	0.0049 (J)	0.0028 (J)		0.0054	0.0082	<0.02	<0.02	0.0061	
2/15/2024									0.056
2/16/2024			<0.02						
7/30/2024	0.002 (J)	<0.02		0.0027 (J)	0.004 (J)	<0.02	<0.02	<0.02	
7/31/2024									0.067
8/1/2024									
2/10/2025	0.0091				0.013		<0.02		
2/11/2025		0.0047 (J)		<0.02		<0.02		<0.02	
2/13/2025									0.06
8/12/2025	0.0038 (J)	<0.02		0.0058 (J)	0.0082 (J)		<0.02	0.0053 (J)	
8/13/2025						<0.02			
8/14/2025									0.07
8/19/2025									
2/9/2026				0.0048 (J)	0.0078 (J)	<0.02	<0.02	0.0048 (J)	
2/10/2026	<0.02	<0.02							
2/11/2026									0.06

ND substitution: RL or RL/2 if <15% NDs.

Tolerance Limit

Constituent: Lithium (mg/L) Analysis Run 5/4/2026 11:26 AM View: Check

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-21 (bg)
5/17/2016	
5/18/2016	
7/19/2016	
7/20/2016	
9/13/2016	
9/14/2016	
11/9/2016	
11/10/2016	
11/11/2016	
1/17/2017	
1/18/2017	
1/19/2017	
2/6/2017	
3/13/2017	
3/14/2017	
3/15/2017	
4/11/2017	
4/24/2017	
4/25/2017	
4/26/2017	
6/7/2017	
7/11/2017	
8/8/2017	
8/9/2017	
8/10/2017	
8/25/2017	
3/27/2018	
3/28/2018	
3/29/2018	
6/13/2018	
6/14/2018	
9/24/2018	
9/27/2018	
9/28/2018	
10/2/2018	
10/3/2018	
10/4/2018	
2/25/2019	
2/26/2019	
2/28/2019	
4/1/2019	
4/2/2019	
9/16/2019	
9/17/2019	
9/18/2019	
2/3/2020	
2/4/2020	
2/5/2020	
2/7/2020	
3/16/2020	
3/17/2020	
5/4/2020	

Tolerance Limit

Constituent: Lithium (mg/L) Analysis Run 5/4/2026 11:26 AM View: Check

Plant Wansley Client: Southern Company Data: Wansley AP 1

	WGWC-21 (bg)
9/21/2020	
9/22/2020	
9/23/2020	
2/2/2021	
2/3/2021	
3/9/2021	0.022
3/10/2021	
3/11/2021	
4/7/2021	0.031
8/23/2021	
8/24/2021	
8/25/2021	
8/26/2021	0.032
1/11/2022	0.038
2/28/2022	
3/1/2022	
3/3/2022	0.044
6/6/2022	0.051
8/15/2022	
8/16/2022	0.059
8/17/2022	
2/14/2023	
2/15/2023	
2/16/2023	0.053
8/14/2023	
8/15/2023	
8/16/2023	
8/17/2023	0.061
2/13/2024	
2/15/2024	0.074
2/16/2024	
7/30/2024	
7/31/2024	
8/1/2024	0.068
2/10/2025	
2/11/2025	
2/13/2025	0.065
8/12/2025	
8/13/2025	
8/14/2025	
8/19/2025	0.11 (O)
2/9/2026	
2/10/2026	
2/11/2026	0.087

WANSLEY AP GWPS				
Constituent Name	**MCL**	**CCR-Rule Specified**	**Background**	**GWPS**
Lithium, Total (mg/L)	n/a	0.04	0.087	0.087

GWPS = Groundwater Protection Standard

MCL = Maximum Contaminant Level

CCR = Coal Combustion Residual

Highlighted cells indicate background is higher than established limit.

APPENDIX F

Semiannual Remedy Selection and Design Progress Report

Prepared for

Georgia Power Company
241 Ralph McGill Blvd NE
Atlanta, Georgia 30308

SEMIANNUAL REMEDY SELECTION AND DESIGN PROGRESS REPORT

PLANT WANSLEY ASH POND 1 (AP-1)

Prepared by

Geosyntec consultants

engineers | scientists | innovators

1255 Roberts Boulevard, Suite 200
Kennesaw, Georgia 30144

Project Number 26003343 (GW11293)

August 2026

Geosyntec consultants

CERTIFICATION STATEMENT

This *Semiannual Remedy Selection and Design Progress Report, Plant Wansley Ash Pond 1 (AP-1)* has been prepared in compliance with the United States Environmental Protection Agency Coal Combustion Residual Rule (40 Code of Federal Regulations [CFR] 257 Subpart D), specifically § 257.97(a), the Georgia Environmental Protection Division Rules for Solid Waste Management 391-3-4-.10(6)(a) by a qualified groundwater scientist or engineer with Geosyntec Consultants, Inc. I hereby certify that I am a qualified groundwater scientist, in accordance with the Georgia Rules of Solid Waste Management 391-3-4-.01.

Report Prepared by:

Matthew Talbert, P.E.
Georgia Professional Engineer No. 44806

August 31, 2026
Date

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LIST OF ACRONYMS AND ABBREVIATIONS

ACC	Atlantic Coast Consulting, Inc.
ACM	Assessment of Corrective Measures
AP	ash pond
ASD	alternate source demonstration
CCR	coal combustion residuals
CFR	Code of Federal Regulations
CSM	conceptual site model
GA EPD	Georgia Environmental Protection Division
GCSM	geochemical conceptual site model
Georgia Power	Georgia Power Company
Geosyntec	Geosyntec Consultants, Inc.
GWPS	Groundwater Protection Standard
ISS	in-situ stabilization
K_d	distribution coefficient
mg/L	milligrams per liter
MNA	monitored natural attenuation
PRB	permeable reactive barrier
redox	oxidation-reduction
SSI	statistically significant increase
SSL	statistically significant level
USEPA	United States Environmental Protection Agency

1.0 INTRODUCTION

1.1 Purpose

This *Semiannual Remedy Selection and Design Progress Report* (the semiannual progress report) was prepared by Geosyntec Consultants, Inc. (Geosyntec) for Georgia Power Company (Georgia Power) Plant Wansley Ash Pond 1 (AP-1 or Site) in accordance with the United States Environmental Protection Agency (USEPA) Coal Combustion Residual Rule (CCR Rule) (40 Code of Federal Regulations [CFR] 257 Subpart D), specifically 40 CFR § 257.97(a), and the Georgia Environmental Protection Division (GA EPD) Rules for Solid Waste Management 391-3-4-.10(6)(a) (State CCR Rule). This semiannual progress report describes the progress made since the issuance of the prior semiannual progress report in January 2026 in selecting and designing a remedy. Potentially applicable groundwater corrective measures were previously described in the *Assessment of Corrective Measures Report – Plant Wansley Ash Pond 1 (AP-1)* (Geosyntec, 2023a) (ACM Report).

The purpose of the ACM Report (and subsequent semiannual progress reports) is to document the process of evaluating and selecting corrective measure(s) to improve groundwater quality at the Site. This process is typically iterative and may be composed of multiple steps to analyze the effectiveness of corrective measures. Once potential corrective measures are identified, they are further evaluated using the criteria outlined in § 257.96(c) and Rule 391-3-4-.10(6)(a). The selected corrective measure must meet the additional protection criteria outlined in § 257.97 and corresponding Rule 391-3-4-.10(6)(a). Pursuant to § 257.97(a) and Rule 391-3-4-.10(6)(a), semiannual progress reports have been regularly submitted to document the efforts of evaluating and progressing toward selecting a groundwater corrective measure (Geosyntec, 2024a, 2024b, 2025a, 2025b, and 2026a).

1.2 Site Background and Overview of AP-1 Pond Closure

Plant Wansley (**Figure 1**) is a former electric generating facility owned and operated by Georgia Power. Constructed in the early 1970s, the Plant operated one 343-acre CCR pond identified as AP-1 for water treatment and disposal of CCR from electrical generation operations. AP-1 began receiving process water containing fly ash and bottom ash in 1976. In 2008, two temporary gypsum storage cells were constructed on top of the CCR delta in AP-1, adjacent to the Separator Dike (**Figure 2**).

As of April 2019, all process-related flows from the Plant to AP-1 have ceased. Georgia Power has elected to close Plant Wansley AP-1 by removal of the CCR material in accordance with § 257.102 and corresponding State Rule 391-3-4-.10(7)(b). Removed CCR will be consolidated in the onsite existing landfill. The closure of AP-1 in this manner provides a source control measure that reduces the potential for migration of CCR constituents to groundwater. The GA EPD approved closure permit no. 074-006D(CCR) for AP-1 on March 6, 2025, and the Site closure is underway.

1.3 Regulatory Program Status and Nature and Extent

Pursuant to the CCR Rule, CCR compliance groundwater monitoring-related activities have been performed for AP-1 since 2016. Georgia Power initiated an assessment monitoring program for groundwater at AP-1 in January 2018, after identifying statistically significant increases (SSI) of Appendix III constituents. Statistical analyses of the 2018 assessment monitoring data identified a statistically significant level (SSL) of lithium in detection monitoring wells WGWC-8, WGWC-9, WGWC-10, and WGWC-19 in excess of the associated federal and/or state groundwater protection standard (GWPS)[1]. Statistical analyses of groundwater data collected since March 2021 have identified an SSL of lithium in WGWC-19 and SSLs of beryllium and lithium in WGWC-20. Statistical analyses of groundwater data collected since February 2023 have identified SSLs of beryllium and cobalt in WGWC-24, while analyses since the February 2025 sampling event have identified SSLs of lithium in WGWC-21 and WGWC-28D.

In accordance with § 257.95(g)(3), Georgia Power prepared an alternate source demonstration (ASD) for lithium (ACC, 2019b), which was included in the *2018 Annual Groundwater Monitoring and Corrective Action Report* (ACC, 2019a). The ASD presented evidence that the source of lithium in groundwater at wells WGWC-8, WGWC-9, WGWC-10, and WGWC-19 was naturally-derived from the subsurface rock formations and did not originate from the unit. An ASD Addendum was submitted to GA EPD in November 2020 (Geosyntec, 2020), with a revised ASD Addendum subsequently submitted to GA EPD in February 2021 (Geosyntec, 2021). On September 26, 2024, GA EPD issued a letter of nonconcurrence stating that they did not agree with the ASD, based on the information provided. During this reporting period, a second addendum to the 2018 ASD was prepared and submitted to GA EPD in August 2026, incorporating additional data to further support the natural occurrence of lithium (Geosyntec, 2026b). The

[1] On February 22, 2022, GA EPD adopted the federal GWPS for cobalt, lithium, lead, and molybdenum. The GWPS for cadmium is derived from the federally promulgated maximum contaminant level of 0.005 milligrams per liter (mg/L).

addendum addresses the lithium SSLs reported in WGWC-19 and WGWC-21 and presents updated evidence that elevated lithium concentrations at these locations are attributable to naturally occurring lithium in bedrock rather than releases from AP-1. A summary of this ASD is presented in Section 5 of the *2026 Semiannual Groundwater Monitoring and Corrective Action Report* (2026 Semiannual Groundwater Report) and the complete ASD report is included in Appendix E of the same report.

Pursuant to § 257.96, an ACM program was initiated for AP-1 in October 2022. The ACM Report for AP-1 was submitted to GA EPD on March 24, 2023 (Geosyntec, 2023a). In accordance with § 257.96(b), groundwater continues to be monitored at AP-1 under the assessment monitoring program while the ACM phase is implemented.

Since the ACM was initiated, assessment monitoring wells have been installed and incorporated into the detection monitoring well network to delineate, both horizontally and vertically, the extent of the beryllium, cobalt, and lithium SSLs at AP-1. The groundwater monitoring network at the Site was enhanced between December 2024 and March 2025 through the installation of 13 new detection monitoring wells and the conversion of six existing piezometers to detection monitoring wells. Following GA EPD's approval of the Minor Modification to revise the AP-1 permit boundary on July 23, 2025, WGWC-8 was replaced by a new detection monitoring well WGWC-8A and reclassified as a piezometer. Additionally, detection monitoring well WGWC-42 was reclassified to a horizontal assessment monitoring well, subsequently abandoned to facilitate construction activities, and replaced by assessment monitoring well WGWC-42A. The current monitoring well network is shown on **Figure 2**; **Table 1** provides well construction details.

Statistical analysis of the February 2026 semiannual assessment monitoring groundwater data identified SSLs of the following Appendix IV constituents at concentrations exceeding the applicable GWPS at AP-1:

- Beryllium: WGWC-20 and WGWC-24
- Cobalt: WGWC-24
- Lithium: WGWC-19, WGWC-20, WGWC-21, and WGWC-28D

Details are provided in the 2026 Semiannual Groundwater Report to which this semiannual progress report is appended.

The groundwater data collected in February 2026was used to generate the beryllium, cobalt, and lithium iso-concentration maps presented on **Figures 3** through **5**, respectively. Based on the groundwater data reported in the 2026 Semiannual Groundwater Report, the current horizontal and vertical delineation status of identified beryllium, cobalt, and lithium SSLs is as follows:

- WGWC-20 – beryllium and lithium are horizontally delineated downgradient by WGWC-27. Beryllium is vertically delineated by WGWC-28D. Vertical delineation is currently being pursued with the installation of an assessment monitoring well screened at a depth greater than WGWC-28D (i.e., >210 ft bgs).

- WGWC-24 – beryllium and cobalt are horizontally delineated by the inward groundwater flow direction and by the statistically derived confidence intervals of these constituents reported in PZ-31. Beryllium and cobalt are vertically delineated by PZ-26D based on the most current groundwater concentrations reported in February 2026. Of note, there are significant decreasing trends of beryllium and cobalt in WGWC-24 based on statistical analysis of the groundwater data.

- WGWC-19 – lithium is horizontally delineated by WAMW-2. Vertical delineation is provided by the confidence interval of lithium concentrations in WAMW-1. However, concentrations reported in the well for the previous two sampling events exceed the GWPS. Georgia Power will monitor the lithium concentration trend in WAMW-1 and apply adaptive site management strategy as necessary to maintain vertical delineation of the lithium SSL in WGWC-19. Should GA EPD approve the current ASD Addendum, the lithium delineation will be reevaluated.

- WGWC-21 – lithium is horizontally delineated based on the inward groundwater flow direction in this area toward AP-1. Vertical delineation of lithium is currently under evaluation. <u>However, the current ASD Addendum presents evidence indicating the lithium reported in WGWC-21 does not originate from AP-1. Approval of the ASD Addendum will prompt reevaluation of the delineation in this well.</u>

- WGWC-28D – horizontal and vertical delineation of lithium are ongoing. As noted above, an adjacent well will be installed to evaluate vertical delineation of lithium reported in WGWC-28D.

In accordance with GA EPD guidance, data for monitoring wells with SSLs were further evaluated by Groundwater Stats Consulting using the Sen's Slope/Mann Kendall trend test. The full statistical evaluation is included Appendix D to the 2025 Annual Groundwater Report.

- No statistically significant trends (at 95% confidence) were identified for beryllium in WGWC-20 or lithium in WGWC-28D during the current reporting period.
- Statistically significant decreasing trends (at 95% confidence) were identified for beryllium and cobalt in WGWC-24 during the current reporting period.
- Statistically significant increasing trends (at 95% confidence) were identified for lithium in WGWC-19, WGWC-20, and WGWC-21 during the current reporting period.

In addition to the assessment monitoring program at the Site, Georgia Power conducted a human health and ecological risk evaluation to evaluate beryllium and lithium that are present at SSLs at the Site. The evaluation provides one of many lines of evidence that will be evaluated and factored into the remedy selection process, which will be completed in accordance with § 257.97. Based on this risk evaluation, concentrations of beryllium and lithium detected in groundwater and evaluated by surface water at AP-1 between November 2016 and October 2022 are not expected to pose a risk to human health or the environment (Geosyntec, 2023b). Data collected since October 2022 are generally consistent with data used in the risk evaluation; therefore, the conclusions provided in the *2023 Risk Evaluation Report* (Geosyntec, 2023b) are supported by current conditions. The risk evaluation will be updated by Georgia Power to evaluate the identified SSL constituents current at the time of preparing the Remedy Selection Report.

Georgia Power will continue to adaptively manage the Site and use ongoing data collection to evaluate the need for additional wells at AP-1. Pursuant to § 257.96, groundwater in the vicinity of AP-1 continues to be monitored during the ACM phase in accordance with the established assessment monitoring program.

1.4 Corrective Measures Evaluated

As discussed in the ACM Report, the following corrective measures were initially considered to be potentially feasible for use at AP-1.

1. Geochemical Approaches (In-Situ Injection)
2. Hydraulic Containment (Pump and Treat)
3. In-Situ Solidification/Stabilization (ISS)
4. Monitored Natural Attenuation (MNA)
5. Permeable Reactive Barrier (PRB)
6. Phytoremediation
7. Subsurface Vertical Barrier Walls

A comparative screening of the corrective measures is provided in **Table 2,** with the exception of ISS. ISS, also known as deep soil mixing, is a method for solidifying soil, immobilizing constituents of interest in the solid matrix. ISS technology was not retained as it is less effective or not applicable to dilute concentrations of lithium and beryllium in groundwater beyond the unit boundary as compared to the other options being evaluated. As such, no detailed evaluation on ISS is provided in **Table 2**.

PRB, phytoremediation, and subsurface vertical barrier wall corrective measures have since been removed from consideration based on retainage evaluations applicable to WGWC-20 and WGWC-24 presented in the August 2024 semiannual progress report (Geosyntec, 2024b) and the discussion provided in **Table 2**.

Georgia Power proactively initiated adaptive site management as outlined in the ACM Report (Geosyntec, 2023a) to support the groundwater remedy selection process and address potential changes in site conditions (e.g., successful reduction of constituent concentrations or changing trends) as appropriate during ash pond closure. The adaptive site management approach will take existing site conditions, including natural attenuation mechanisms, into account.

Characterization activities to evaluate attenuation mechanisms at the Site include collection of data necessary to progressively evaluate the existing and long-term effectiveness of these processes in the aquifer and reduce uncertainty for decision making at each screening step as listed in the USEPA guidelines for MNA of inorganic constituents (USEPA, 1999, 2007, and 2015). The 1999 MNA guidance originally introduced a “tiered approach” with three tiers of site-specific information, or lines of evidence, to evaluate the appropriate use of MNA at certain sites (USEPA, 1999). In 2007, the USEPA issued MNA technical guidance specific to inorganic contaminants (USEPA, 2007) that contained four “tiers.” The 2015 MNA guidance retains these four “tiers,” but describes them as “phases” as described below (USEPA, 2015). This 2015

MNA document for inorganic contaminants expands on and is designed to be a companion to the 1999 and 2007 MNA guidance. The phases are briefly outlined below:

- Phase I: Demonstration that the groundwater plume is *not expanding*.
- Phase II: Determination that the *mechanism and rate* of the attenuation process are sufficient.
- Phase III: Determination that the *capacity* of the aquifer is sufficient to attenuate the mass of contaminant within the plume and the *stability* of the immobilized contaminant is sufficient to resist re-mobilization.
- Phase IV: Design of a *performance monitoring program* based on an understanding of the mechanism of the attenuation process, and establishment of contingency remedies tailored to site-specific characteristics.

Georgia Power will address Phase IV, as appropriate, during the development of the future corrective action monitoring plan, after the final remedy selection report.

The data collection approach and the data interpretation presented within this semiannual progress report are informed by this tiered MNA guidance. It is noted, however, that the characterization data collected under this approach are also used to refine the conceptual site model (CSM) and evaluate other retained potential corrective measures, namely, in-situ injection and hydraulic containment.

2.0 SUMMARY OF WORK COMPLETED

The following section summarizes the field investigations and data evaluations completed in support of the ACM program since the issuance of the prior semiannual progress report in January 2026 (Geosyntec, 2026a). The routine monitoring events associated with the assessment monitoring program are discussed in the 2026 Semiannual Groundwater Report, to which this semiannual progress report is appended.

2.1 Field Activities

Since the issuance of the prior semiannual progress report, field investigation activities included well abandonment, well installation, and groundwater sampling. No new well or piezometer installations were performed specifically for the ACM program for AP-1 during this semiannual reporting period. However, as noted in Section 1.3, WGWC-42 was abandoned and replaced with assessment monitoring well WGWC-42A during this reporting period. The well abandonment report for WGWC-42 and the well installation report for WGWC-42A are provided in Appendix A of the 2026 Semiannual Groundwater Report. In addition, piezometers PZ-32D and PZ-33D were abandoned during the reporting period and the corresponding well abandonment report is also provided in Appendix A of the 2026 Semiannual Groundwater Report.

Supplemental groundwater samples were collected in February2026 from piezometers PZ-23D, PZ-31, PZ-32D, and PZ-33D. PZ-23D, PZ-32D, and PZ-33D were sampled to provide additional information in support of ACM efforts and to evaluate lithium concentrations. PZ-31 was sampled to provide additional information on beryllium and cobalt delineation near WGWC-24. Data collected from these wells are presented and evaluated in the 2026 Semiannual Groundwater Report. As noted in the January 2026 semiannual progress report, supplemental samples were collected in November 2025 from four detection wells (WGWC-19, WGWC-20, WGWC-21, and WGWC-28D) and two landfill wells (GWA-28 and GWA-29), to serve as surrogate background wells, for lithium, strontium, and isotope analysis to support the evaluation of lithium SSLs northeast of AP-1.

2.2 Data Analysis Activities

Analytical results from the February 2026 assessment monitoring event, along with supplemental data collected from PZ-23D, PZ-31, PZ-32D, and PZ-33D, are evaluated in the 2026 Semiannual Groundwater Report to characterize the nature and extent of beryllium, cobalt, and lithium impacts downgradient of AP-1. The results for these

samples are presented in Table 5 of that report, and the corresponding laboratory data are provided in Appendix C. The isotope data for lithium and strontium in wells WGWC-19, WGWC-20, WGWC-21, and WGWC-28D as well as wells GWA-28 and GWA-29, which are part of the Plant Wansley landfill monitoring network, are provided in the ASD Addendum included in Appendix E of the 2026 Semiannual Groundwater Report.

3.0 SUMMARY OF RESULTS

This section presents the results of the field and data analysis efforts outlined in Section 2.2.

A summary of the groundwater analytical results is provided in Table 5 of the 2026 Semiannual Groundwater Report.

The groundwater analytical results continue to indicate attenuation of beryllium in the vicinity of WGWC-20 and WGWC-24, both vertically and laterally, as delineation is complete and decreasing beryllium concentrations continue to be observed in WGWC-24. Attenuation of cobalt in the vicinity of WGWC-24 is also likely based on the observed decreasing concentration trend and cobalt concentrations below the GWPS in PZ-26D and PZ-31.

Horizontal delineation of the SSL for lithium in the vicinity of WGWC-20 has been achieved by WGWC-27 and WGWC-42; however, vertical delineation remains under evaluation. To further assess the vertical extent of lithium groundwater concentrations in the vicinity of WGWC-20 and WGWC-28D, an additional vertical assessment point will be installed and incorporated into future evaluations. Horizontal delineation of lithium at WGWC-19 has been achieved by WAMW-2, where lithium concentrations have remained below the GWPS during all five sampling events. WAMW-1 continues to provide vertical delineation of the lithium SSL at WGWC-19 because the lower limit of the calculated confidence interval remains below the GWPS; however, lithium concentrations were above the GWPS during the two most recent sampling events and will continue to be monitored.

ASD evaluations for WGWC-19 and WGWC-21 indicate that elevated lithium concentrations in these wells are attributable to natural geochemical conditions rather than CCR-related releases. Accordingly, delineation of lithium at these locations will be reevaluated pending GA EPD review and approval of the ASD. In the interim, the SSL of lithium at WGWC-21 is considered horizontally delineated based on the inward groundwater flow direction toward AP-1, while vertical delineation remains under evaluation. The horizontal and vertical delineation of the lithium SSL at WGWC-28D also remain under evaluation.

To evaluate the geochemical signature of the detection and assessment wells and additional wells including PZ-23D, PZ-31, PZ-32D, and PZ-33D at AP-1, piper diagrams (**Figure 6**) were developed using data from January and February 2026. The results of

this geochemical analysis indicate select downgradient wells appear to be influenced by the CCR signature, as evidenced by elevated concentrations of $CaSO_4$ in groundwater. Background and unimpacted wells plot opposite the CCR signature and generally cluster together. The results indicate that PZ-31 and PZ-26D, which provide horizontal and vertical delineation of WGWC-24, respectively, do not appear to be influenced by CCR signature. Although a lithium SSL is present at WGWC-19, this well plots with the background and unimpacted wells, suggesting no indication of CCR impact. Similarly, although a lithium SSL is present at WGWC-21, this well plots near background and unimpacted wells consistent with the findings of the ASD Addendum that this location is not impacted by CCR. Further evaluation of lithium characteristics in WGWC-19 and WGWC-21 is provided in the ASD Addendum included in Appendix E of the 2026 Semiannual Groundwater Report. Geochemical evaluations across the site will be continued as additional data become available.

Groundwater analytical results for lithium and strontium collected to support the evaluation of lithium SSLs northeast of AP-1 are provided in the ASD Addendum.

4.0 UPDATED CONCEPTUAL SITE MODEL

As noted previously, the closure strategy for AP-1 will be closure by removal, thereby providing a source control measure that reduces potential for migration of CCR-related constituents to groundwater. Data collected since the previous semiannual progress report are consistent with and generally agree with the CSM described in the previous semiannual remedy selection and design progress report (Geosyntec, 2026a).

- Previous characterization of aquifer solids downgradient of AP-1 indicate the presence of iron oxides and clays could potentially provide surface sites and ion exchange capacities to attenuate inorganics.

- Previous sorption and desorption studies confirm that cobalt and beryllium strongly sorb onto aquifer solids. Beryllium and cobalt showed strong sorption with minimal desorption under representative site conditions, indicating a low potential for remobilization. Overall, results indicate aquifer solids have a substantial capacity to attenuate both metals of interest, supporting the use of the calculated distribution coefficient (K_d) values in fate and transport modeling.

- During previous studies, lithium was detected in the minerals of aquifer solids collected from a location in the vicinity of wells with SSLs of lithium, and solid phase lithium was observed to be associated with environmentally available fractions. These findings, together with additional geochemical, mineralogical, and isotopic lines of evidence presented in the 2026 ASD Addendum, support the conclusion that elevated lithium concentrations at WGWC-19 and WGWC-21 are attributable to naturally occurring geochemical conditions rather than CCR-related releases.

- The laboratory studies presented to date are consistent with groundwater monitoring results that indicate variable attenuation of site-specific constituents is occurring downgradient of AP-1.

5.0 UPDATED EVALUATION OF CORRECTIVE MEASURES

Based on the data collected to date, the following potential corrective measures will be retained for further evaluation.

- Geochemical Injections:
    - Geochemical injections include the use of an injection well network, or other means of introducing reagents or air into the subsurface, to promote conditions suitable for the attenuation of beryllium and cobalt and possibly lithium. A variety of pH and/or oxidation-reduction (redox)-altering technologies are available which can incorporate biological processes, chemical oxidants and reductants, and/or mechanical processes such as air sparging. These processes can be used to decrease the mobility of beryllium and cobalt. For example, beryllium and cobalt can be sorbed to iron and manganese oxides or co-precipitated with sulfide minerals. In-situ treatment techniques to sequester lithium into the formation of hydroxide minerals have been successful at the laboratory scale for lithium remediation, however treatment of lithium via geochemical injection has yet to be demonstrated in the field. This approach would mainly be evaluated for use at WGWC-20 to potentially address beryllium and lithium and WGWC-19, WGWC-21, and WGWC-28D to address lithium. Currently the groundwater flow direction observed at WGWC-24, where SSLs of beryllium and cobalt have been identified, is inward toward AP-1. Given this condition and the observed decreasing concentration trends, the applicability of this corrective measure should be considered for this location.
- Hydraulic Containment (Pump and Treat):
    - Hydraulic containment refers to the use of groundwater extraction to induce a hydraulic gradient for hydraulic capture or control the migration of impacted groundwater. This approach uses extraction wells or trenches to capture groundwater, which may subsequently require above-ground treatment and permitted discharge to a receiving water feature, reinjection into the groundwater, or reuse. Groundwater extraction and above-ground treatment is potentially a viable option within the alluvium and fractured bedrock zone as a supplemental or adaptive measure to treat groundwater

near compliance wells if warranted by site conditions. However, it may not be suited or effective for extraction to treat groundwater near deeper wells with slow aquifer recharge. A screening-level analysis indicates that hydraulic containment remains a viable corrective measure.

- Monitored Natural Attenuation:
    - MNA relies on natural attenuation processes to achieve site-specific remediation objectives within a reasonable time frame relative to more active methods. Under certain conditions (e.g., through sorption, mineral precipitation or redox reactions), MNA effectively reduces the dissolved concentrations of inorganic constituents in groundwater. The characterization of aquifer solids presented in previous progress reports suggest that the aquifer matrix has the potential for attenuation of the various constituents of interest at the Site. Therefore, MNA remains a viable corrective measure especially for use at WGWC-24 to address beryllium and cobalt. MNA may either be a stand-alone corrective measure or be part of a combination of corrective measures to address groundwater impacts.

Continued groundwater monitoring and updates to the statistical analyses will further refine the CSM and allow for the continued evaluation of an appropriate groundwater corrective measure at the Site.

6.0 PLANNED ACTIVITIES AND ANTICIPATED SCHEDULE

The proposed closure by removal approach provides a source control measure that reduces the potential for migration of CCR constituents to groundwater. During the closure construction of AP-1, temporary changes in site conditions may occur that must be considered as part of remedy selection. Georgia Power proactively initiated adaptive site management as outlined in the ACM Report (Geosyntec, 2023a) to support the remedial strategy and address potential changes in site conditions as appropriate. The adaptive site management approach may be adjusted over the Site's life cycle as new site information and technologies become available. To this end, Georgia Power will continue its data collection efforts as necessary in support of efforts to refine the CSM and to continue assessment of the feasibility of the corrective measures retained for further evaluation. Once sufficient data are available to make technically sound decisions regarding the ability to implement one or more specific corrective measures, necessary steps will be taken to design and implement a remedy for AP-1 in accordance with § 257.98.

Supplementary data collection and evaluation activities proposed to be completed during the next semiannual reporting period include:

- Continue evaluation of beryllium, cobalt, and lithium in assessment monitoring wells.
- Continue the ongoing characterization of the nature and extent of lithium downgradient of WGWC-19, WGWC-20, WGWC-21, and WGWC-28D, including installation of an additional vertical assessment point to evaluate the vertical extent of lithium near WGWC-20 and WGWC-28D and additional groundwater sampling while ASD evaluations for WGWC-19 and WGWC-21 remain under GA EPD review.
- Develop a geochemical conceptual site model (GCSM) to evaluate the horizontal and vertical nature and extent of SSLs and identify the mechanisms of mobilization and potential attenuation.
- Assess the application of geochemical modeling to support remedy selection.

Georgia Power will continue to prepare semiannual progress reports to document AP-1 groundwater conditions, results associated with additional data collection, and the progress in selecting and designing a groundwater remedy in accordance with §

257.97(a). Georgia Power will include future semiannual progress reports in routine groundwater monitoring and corrective action reports. Record keeping, notifications, and publicly accessible internet site requirements for the semiannual progress reports will be provided in accordance with § 257.105(h)(12), § 257.106(h)(9), and § 257.107(h)(9), respectively.

7.0 REFERENCES

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TABLES

Table 1
Monitoring Well Network Summary
Georgia Power Company
Plant Wansley - Ash Pond 1
Heard and Carroll Counties, GA

Well ID	Well Designation	Location	Northing	Easting	Ground Surface Elevation (feet)	Top of Casing Elevation (feet)	Top of Screen Elevation (feet)	Bottom of Screen Elevation (feet)	Total Well Depth from (Feet Below Top of Casing)	Groundwater Zone Screened	Installation Date
WGWA-1	Detection	Upgradient	1250656.10	2035580.71	780.37	782.93	663.37	653.37	129.56	PWR	10/21/2015
WGWA-2	Detection	Upgradient	1251556.40	2035590.11	755.77	758.23	665.77	655.77	102.46	PWR/Bedrock	10/16/2015
WGWA-3	Detection	Upgradient	1240848.21	2022350.10	826.63	828.91	820.23	810.23	19.08	Saprolite/Bedrock	12/15/2014
WGWA-4	Detection	Upgradient	1240879.58	2022339.66	831.33	834.34	780.43	760.43	74.31	Bedrock	01/13/2015
WGWA-6	Detection	Upgradient	1241932.02	2022360.58	894.62	897.13	822.62	792.62	104.91	Bedrock	01/13/2015
WGWA-7	Detection	Upgradient	1243338.63	2023843.81	894.49	897.33	867.69	857.69	40.04	Bedrock	12/22/2014
WGWA-18	Detection	Upgradient	1244592.56	2025580.71	875.47	878.02	848.47	838.47	39.95	Saprolite/Bedrock	12/16/2014
WGWC-8A	Detection	Downgradient	1243131.88	2029522.99	803.72	806.60	735.72	725.72	81.21	Bedrock	10/22/2025
WGWC-9	Detection	Downgradient	1242801.12	2029115.75	809.33	812.03	760.93	750.93	61.50	PWR	12/04/2014
WGWC-10	Detection	Downgradient	1240971.96	2026725.61	809.61	812.38	673.61	663.61	148.77	Saprolite/PWR	10/27/2015
WGWC-11	Detection	Downgradient	1240860.18	2025773.39	821.44	823.96	783.14	773.14	51.22	Saprolite	12/08/2014
WGWC-12	Detection	Downgradient	1240827.68	2025755.99	820.57	823.04	756.57	746.57	76.47	Bedrock	10/22/2015
WGWC-13	Detection	Downgradient	1240610.93	2024585.91	807.32	809.78	734.32	714.32	95.46	Bedrock	11/04/2015
WGWC-14A	Detection	Downgradient	1240604.54	2024599.63	808.20	810.94	778.20	768.20	42.74	Saprolite/PWR	01/31/2017
WGWC-15	Detection	Downgradient	1240483.16	2023912.92	802.03	804.69	758.53	748.53	56.16	Bedrock	11/11/2015
WGWC-16	Detection	Downgradient	1240480.46	2023903.77	801.72	804.21	779.72	769.72	34.50	Saprolite/PWR	11/11/2015
WGWC-17	Detection	Downgradient	1240052.06	2022623.82	813.36	816.00	730.36	720.36	95.94	Bedrock	11/06/2015
WGWC-19	Detection	Downgradient	1241851.51	2028949.19	780.60	783.42	698.60	688.60	94.82	Bedrock	10/28/2015
WGWC-20	Detection	Downgradient	1243350.76	2029769.43	804.88	807.95	775.18	765.18	43.17	Bedrock	09/29/2020
WGWC-21	Detection	Downgradient	1242139.33	2028512.65	831.79	834.41	773.11	763.11	71.70	Bedrock	10/02/2020
WGWC-22	Detection	Downgradient	1241695.25	2028116.05	807.00	810.37	776.92	766.92	43.85	PWR/Bedrock	10/18/2020
WGWC-23	Detection	Downgradient	1240769.79	2027414.58	820.50	823.80	780.40	770.40	53.80	PWR	10/04/2020
WGWC-24	Detection	Downgradient	1239916.68	2024139.82	802.22	804.80	774.43	764.43	40.77	PWR	10/17/2020
WGWC-25	Detection	Downgradient	1240184.18	2023616.69	805.98	808.98	779.51	769.51	39.87	Saprolite/PWR	10/28/2020
WGWC-30	Detection	Downgradient	1240032.73	2022624.29	812.44	815.20	792.03	782.03	33.50	Saprolite	12/09/2024
WGWC-31D	Detection	Downgradient	1240831.55	2027168.07	811.79	814.61	734.54	724.54	90.40	Bedrock	12/09/2024
WGWC-31S	Detection	Downgradient	1240831.58	2027173.44	811.74	814.69	782.45	772.45	42.57	Saprolite/PWR	12/06/2024
WGWC-32	Detection	Downgradient	1241721.24	2028131.52	807.70	810.23	786.16	776.16	34.40	PWR	12/10/2024
WGWC-33	Detection	Downgradient	1242764.83	2029104.26	809.71	812.09	784.72	774.72	37.70	PWR	12/11/2024
WGWC-34D	Detection	Downgradient	1245303.30	2027822.22	806.31	806.04	724.21	714.21	92.15	Saprolite	03/09/2025
WGWC-34S	Detection	Downgradient	1245294.99	2027830.72	806.28	805.77	769.50	759.50	46.60	Dike Material	03/19/2025
WGWC-35D	Detection	Downgradient	1244985.87	2028140.13	806.27	806.02	698.55	688.55	117.80	Saprolite	03/06/2025
WGWC-35S	Detection	Downgradient	1244973.26	2028152.75	806.24	805.95	755.68	745.68	60.60	Dike Material	02/26/2025
WGWC-36D	Detection	Downgradient	1244524.68	2028595.96	805.81	805.56	689.79	679.79	126.10	Dike Material/Saprolite	02/24/2025
WGWC-36S	Detection	Downgradient	1244517.48	2028601.76	805.81	805.62	758.25	748.25	57.70	Dike Material	02/21/2025
WGWC-37D	Detection	Downgradient	1244304.90	2028853.29	805.77	805.24	688.69	678.69	126.95	Saprolite/PWR/Bedrock	11/01/2020
WGWC-37S	Detection	Downgradient	1244317.13	2028839.68	805.80	805.30	770.28	760.28	45.42	Dike Material	10/31/2020
WGWC-38D	Detection	Downgradient	1243855.62	2029276.99	806.37	806.15	726.72	716.72	89.75	PWR	01/31/2025
WGWC-38S	Detection	Downgradient	1243844.64	2029287.40	806.32	806.07	756.89	746.89	59.50	Dike Material	02/02/2025
WGWC-39	Detection	Downgradient	1240457.61	2025105.38	824.59	826.86	795.79	785.79	41.46	Saprolite	12/10/2014
WGWC-40	Detection	Downgradient	1240837.96	2026731.01	816.17	818.74	779.37	769.37	49.78	Saprolite	12/08/2014
WGWC-41	Detection	Downgradient	1242058.41	2028554.29	829.26	832.02	810.46	800.46	31.96	Bedrock	12/05/2014

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Heard and Carroll Counties, GA

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PZ-26D	Assessment	Downgradient	1239919.45	2024146.35	802.31	804.93	735.23	725.23	80.10	Bedrock	10/12/2020
WAMW-1	Assessment	Downgradient	1241843.66	2028944.63	780.05	782.66	668.40	658.40	124.60	Bedrock	09/16/2018
WAMW-2	Assessment	Downgradient	1241547.56	2028806.27	768.39	770.82	694.19	684.19	86.92	Bedrock	09/14/2018
WGWC-27	Assessment	Downgradient	1243215.51	2029878.92	778.05	780.54	749.15	739.15	41.69	Bedrock	09/27/2022
WGWC-28D	Assessment	Downgradient	1243337.13	2029751.04	805.36	808.24	609.06	599.06	209.58	Bedrock	08/18/2023
WGWC-42	Assessment	Downgradient	1243496.86	2030132.73	784.45	787.30	759.45	749.45	37.85	Saprolite	01/31/2017
WGWC-42A	Assessment	Downgradient	1243511.01	2030133.39	775.74	778.26	759.57	749.57	29.02	Saprolite/PWR	04/21/2026
PZ-01	Piezometer	Upgradient	1240249.86	2022319.93	853.91	856.72	817.81	807.81	49.31	Bedrock	12/12/2014
PZ-04	Piezometer	Upgradient	1242592.03	2023595.91	886.13	889.01	878.93	868.93	20.48	Saprolite/Bedrock	12/22/2014
PZ-06	Piezometer	Upgradient	1244382.89	2024661.39	912.30	915.15	898.60	888.60	26.94	Bedrock	12/17/2014
PZ-08	Piezometer	Upgradient	1245514.59	2026807.30	864.65	867.29	836.85	826.85	40.84	Saprolite/Bedrock	12/15/2014
PZ-16	Piezometer	Downgradient	1239419.77	2023662.22	798.05	800.70	785.05	775.05	26.15	Saprolite	12/11/2014
PZ-17	Piezometer	Downgradient	1239270.02	2023086.50	828.54	831.01	789.84	779.84	51.57	Saprolite	12/11/2014
PZ-18	Piezometer	Downgradient	1239569.52	2022299.20	812.10	814.51	788.20	778.20	36.71	Saprolite	12/11/2014
PZ-23D	Piezometer	Downgradient	1242139.53	2028520.87	831.89	834.32	749.92	739.92	94.80	Bedrock	10/02/2020
PZ-27D	Piezometer	Downgradient	1240190.93	2023620.36	806.22	809.28	737.96	727.96	81.72	Bedrock	10/15/2020
PZ-28	Piezometer	Downgradient	1240066.02	2022624.73	813.57	816.18	753.68	743.68	72.90	Saprolite/PWR	10/29/2020
PZ-30	Piezometer	Downgradient	1240592.30	2027321.68	812.43	814.80	787.83	777.83	37.47	Saprolite/PWR	03/20/2024
PZ-31	Piezometer	Downgradient	1239941.77	2024324.33	807.86	810.90	778.96	768.96	42.45	Saprolite	03/22/2024
PZ-32D	Piezometer	Downgradient	1243211.88	2029886.45	777.14	776.74	461.74	451.74	325.30	Bedrock	10/17/2024
PZ-33D	Piezometer	Downgradient	1243211.76	2029886.78	777.14	776.74	381.74	371.74	405.30	Bedrock	10/17/2024
WGWC-8	Piezometer	Downgradient	1242929.40	2029644.58	777.70	780.08	730.70	720.70	59.38	Bedrock	10/29/2015
WGWA-5	Piezometer	Upgradient	1241997.94	2022368.85	899.28	902.15	888.88	878.88	23.66	Saprolite/PWR/Bedrock	12/23/2014
WGWC-14	Piezometer	Downgradient	1240621.86	2024584.92	806.87	809.50	764.87	754.87	54.63	PWR/Bedrock	11/05/2015
WGWC-26D	Piezometer	Downgradient	1243343.66	2029758.85	805.06	808.23	749.31	739.31	69.27	Bedrock	09/26/2022

Notes:
PWR = Partially Weathered Rock
(1) Wells were surveyed upon completion.
(2) Elevations shown are in datum NAVD88, which indicates feet (ft) in elevation referenced to the North American Vertical Datum 1988.
(3) Georgia State Plane NAD83 West Zone referenced for horizontal datum.
(4) Ground surface elevation measured at nail or known reference point on surface concrete pad.
(5) Groundwater Zone Screened references USCS ASTM 2488 Visual Manual Group Symbol or well survey.
(6) Well screen elevations are calculated by subtracting the depths to top and bottom of the well screen from the ground surface elevation.
(7) Total well depth accounts for sump if data provided on construction logs.
(8) Following the February 2025 assessment sampling event, PZ-29D, PZ-29S, PZ-15, PZ-12, PZ-10, and PZ-20 were reclassified to detection wells WGWC-37D, WGWC-37S, and WGWC-39 though WGWC-42, respectively.
(9) WAMW-2 was reclassified to an assessment well.
(10) WGWC-8 was reclassified to a piezometer following the August 2025 assessment sampling event. WGWC-8A was installed as a replacement of WGWC-8.
(11) WGWC-42 was transitioned to an assessment well following the November 2025 sampling events, and was abandoned following the January 2026 sampling event.
(12) PZ-32D and PZ-33D were abandoned on July 9, 2026.

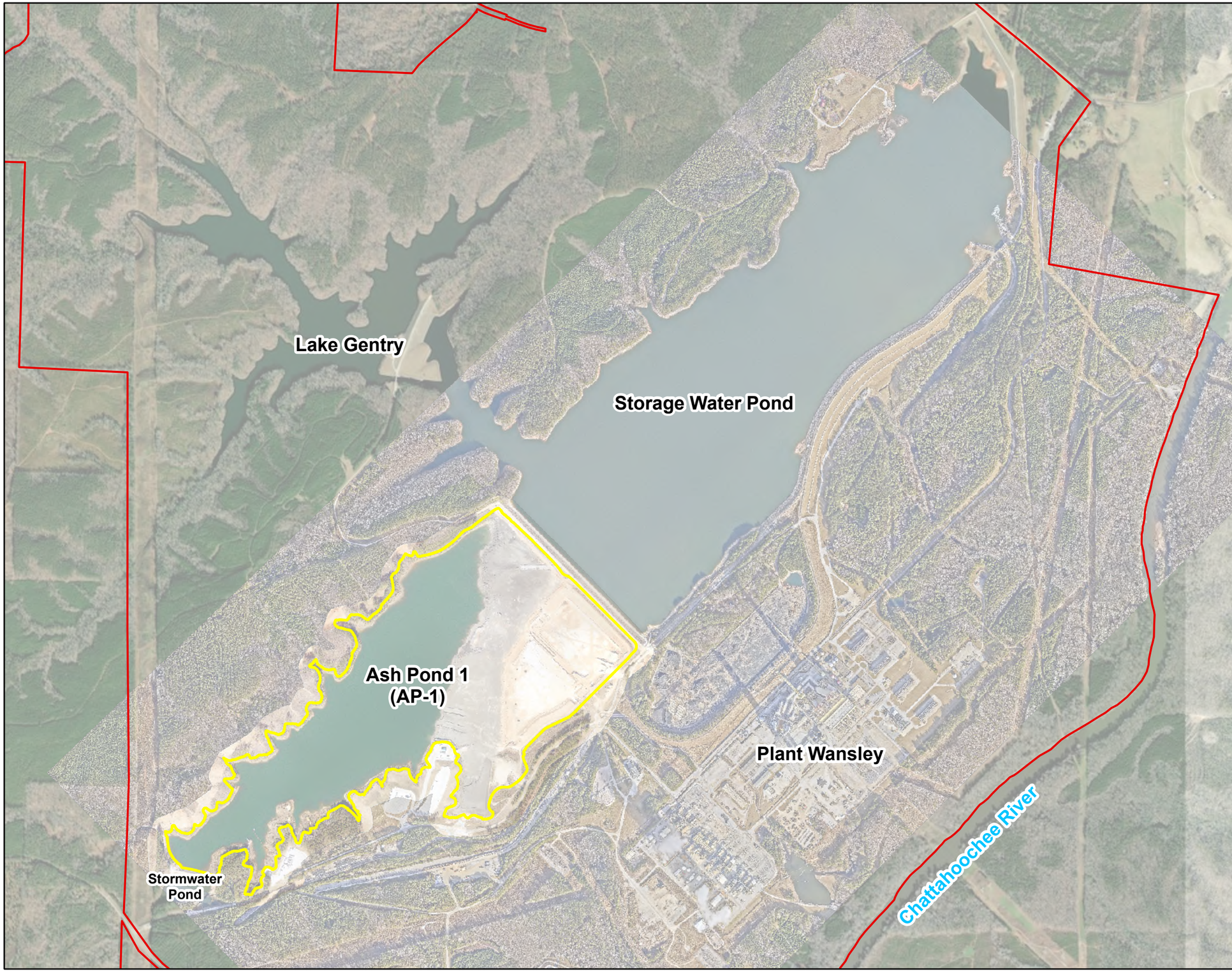
Table 2
Evaluation of Remedial Technologies
Georgia Power Company
Plant Wansley - Ash Pond 1
Heard and Carroll Counties, GA

Regulatory Citation for Criteria:		40 CFR 257.96(C)(1)		40 CFR 257.96(C)(1)	40 CFR 257.96(C)(1)
Corrective Measure	Description	Performance	Reliability	Ease of Implementation	Potential Impacts
Geochemical Approaches (In-Situ Injection)	Use of an injection well network, or other means of introducing reagents or air into the subsurface, to promote either anaerobic or aerobic attenuation of beryllium (Be), Cobalt (Co), and potentially lithium (Li), although further evaluation and testing would be needed to understand applicability to Li attenuation. The main attenuation mechanism for Be and Co is sorption, which is more dependent on pH than oxidation-reduction (redox) conditions. Under anaerobic conditions, Be and Co would be attenuated within sparingly soluble sulfide minerals. Under aerobic conditions, soluble iron or manganese and oxygen (either via air sparging or through a chemical oxidant) would be injected to promote the formation of iron or manganese (oxy-) hydroxides for subsequent sorption of Be and Co onto these mineral phases. If sufficient iron is present in groundwater, the use of air sparging alone may be considered to precipitate iron (oxy-) hydroxides for sorption. In-situ chemical oxidation (ISCO) or in-situ chemical reduction (ISCR) can be used to chemically alter the redox environment in the subsurface to affect the mobility of certain inorganic compounds, including Be and Co.	The effective immobilization of Be and Co at neutral to alkaline pH can be effective at achieving groundwater protection standards (GWPS) within a reasonable time frame. This immobilization has been shown at other sites under aerobic and anaerobic conditions; however, the anaerobic approach (involving the injection of an electron donor together with iron or manganese and sulfur) requires careful study and testing. While aerobic approaches are somewhat less complex, additional aquifer characterization is needed to further evaluate these options. Li is generally characterized as nonreactive, and the application of in-situ injection treatment for immobilization would need to be further investigated to evaluate efficacy.	Reliability dependent on permeability of the subsurface and the amount and distribution of secondary iron or manganese (oxy-) hydroxides (for aerobic approach), or electron donors and soluble iron or manganese and sulfur that can be consistently distributed (for anaerobic approach). Reliable technology if injected materials can be distributed throughout the impacted aquifer. Bench- and/or pilot-scale treatability testing programs are needed to understand the biogeochemical processes that would effectively reduce migration of Be, Co, and Li in groundwater.	Moderate. Installation of injection well network or other injection infrastructure would be required. Alternative installation approaches may be considered, such as along the downgradient edge of impacted groundwater, which would function similar to a PRB application. The potential for clogging of aquifer matrix and/or injection well infrastructure is an implementation consideration. Injectate distribution during injections (i.e., radius of influence) needs to be evaluated, especially given the shallow bedrock environment in the vicinity of WGWC-20. Current groundwater flow conditions are towards AP-1 in the vicinity of WGWC-24, therefore the relevant applicability of this corrective measure needs to be considered for this location. Consideration of the technical practicability must be given when evaluating the application of this technology within the bedrock and at depths consistent with WGWC-28D and a potential deeper vertical delineation well. Distribution and implementation constraints may not allow for injection and/or sufficient injectant distribution under those conditions.	Minimal impacts are expected if remedy works as designed, based on a thorough pre-design investigation, geochemical modeling, and bench/pilot study results. Redox-altering processes have the potential to mobilize naturally-occurring constituents as an unintended consequence if not properly studied and implemented.
Hydraulic Containment ("Pump and Treat")	Hydraulic containment refers to the use of groundwater extraction to induce a hydraulic gradient for hydraulic capture or control the migration of impacted groundwater. This approach uses extraction wells or trenches to capture groundwater, which may subsequently require above-ground treatment and permitted discharge to a receiving water feature, reinjection into the aquifer, or reuse (e.g., land application, CCR conditioning, etc.). It is applicable to a variable mix of inorganic constituents, including dissolved Be, Co, and Li.	Pump and treat (P&T) is effective at providing hydraulic control, but it is unclear whether full groundwater remediation can be achieved without further understanding attenuation mechanisms at the Site. At WGWC-20 and WGWC-24, implementation of the corrective measure is contingent on completing additional assessment activities (i.e., high-resolution site characterization, pump tests, flow modeling, and capture zone analysis). This is needed to refine the constituent distribution in the subsurface to target specific flow zones for pumping for improved mass recovery efficiency/effectiveness and to further evaluate the potential remedy performance. Current groundwater flow conditions are towards AP-1 in the vicinity of WGWC-24, therefore the relevant applicability of this corrective measure needs to be considered for this location.	Generally reliable for hydraulic containment, but uncertainty exists whether groundwater remediation goals can be achieved within a reasonable time frame without further understanding attenuation mechanisms.	Moderate. Proven approach for hydraulic control, and supplemental installation of extraction wells/trenches is fairly straightforward. The extracted groundwater may potentially require an above-ground treatment system, although one may be available as a result of closure activities. A variety of sorption and precipitation approaches exist for ex-situ treatment of Be and Co, while this would need to be further evaluated for Li. Operation and maintenance (O&M) requirements are expected to include upkeep of infrastructure components (pumps, pipes, tanks, instrumentation and controls, above-ground treatment system) and handling of treatment residuals. Current groundwater flow conditions are towards AP-1 in the vicinity of WGWC-24, therefore the relevant applicability of this corrective measure needs to be considered for this location.	Moderate. The main potential impacts are related to the presence and operation of an on site above-ground water treatment facility and related infrastructure to convey and treat extracted groundwater. Pumping activity may unintentionally alter the geochemistry within the hydraulic capture zone.
Monitored Natural Attenuation (MNA)	MNA relies on natural attenuation processes to achieve site-specific remediation objectives within a reasonable time frame relative to more active methods. Under certain conditions (e.g., through sorption, mineral precipitation or oxidation-reduction reactions), MNA effectively reduces the dissolved concentrations of inorganic constituents in groundwater. Attenuation mechanisms for inorganic constituents at CCR sites, including Be and Li at WGWC-20 and Be and Co at WGWC-24, are either physical (e.g., dilution, dispersion, flushing, and related processes) or chemical (sorption or oxidation reduction reactions). Chemical attenuation processes include precipitation and sorption reactions such as adsorption on the surfaces of soil minerals, absorption into the matrix of soil minerals, or partitioning into organic matter. Further, redox reactions, via abiotic or biotic processes, can transform the valence states of some inorganic constituents to less soluble and thus less mobile forms. For Be and Co, the main attenuation processes include sorption to iron and manganese oxides and for Li, physical attenuation. Further evaluation of chemical attenuation mechanisms for Li would need to be completed.	Physical and chemical MNA mechanisms for Be, Co, and Li, including dilution, dispersion, sorption, and oxidation reduction reactions, can be effective at achieving GWPS within a reasonable time frame. Attenuation processes for Be, Co, and Li are already occurring at the site as evidenced by data from the assessment wells associated with WGWC-20 and WGWC-24. Source control will improve the mass balance such that the buffer capacity of the aquifer is unlikely to be exhausted. The attenuation processes already at work for Be and Li at WGWC-20 and Be and Co at WGWC-24 will further enhance the effectiveness of MNA.	Reliable as long as the aquifer conditions that result in Be, Co, and Li attenuation remain favorable (and/or are being enhanced) and sufficient attenuation capacity is present. MNA is reliable and can either be used as a stand-alone corrective measure for groundwater impacted by dissolved Be and Co, or in combination with a second technology for Be, Co, or Li.	Reasonably implementable with respect to infrastructure, but moderate to complex with respect to documentation. Proven approach, but additional data are needed to show that the existing attenuation capacity is sufficient to meet site objectives within a reasonable timeframe. A monitoring well network already exists to implement future groundwater monitoring efforts.	None. MNA relies on the natural processes active in the aquifer matrix to reduce constituent concentrations without disturbing the surface or the subsurface.
Permeable Reactive Barrier	Permeable reactive barrier (PRB) technology typically involves the installation of a permeable subsurface wall constructed with reactive media for the removal of constituents as groundwater passes through. The effectiveness of a PRB on the removal of Be and Li is relatively unknown. Further research and testing are required to see if Be and Li could be attenuated by a PRB. Either ZVI- Carbon matrix or solid carbon (bio-barrier) are most likely viable for the removal of Co. The carbon could be composed of peat moss, mulch or another carbon source. Exact placement of the PRB is contingent on finalization of the nature and extent characterization and subsurface geologic considerations. PRBs can also be constructed as "funnel and gate" systems, where a barrier wall directs groundwater to a smaller "treatment gate" filled with reactive media.	The PRB approach would be expected to achieve GWPS for Be, Co, and Li as impacted groundwater passes through the reactive barrier, if an appropriate reactive barrier can be identified in further evaluations. Additional testing is required to select the appropriate sorptive media mix that will not result in generation of unwanted byproducts and be applicable for Be and Li, ideally in concurrence with Co.	Reliable groundwater corrective measure, but loss of reactivity over time may require re-installation depending on the duration of the remedy. Additional data collection, including conducting a bench and/or pilot study, is needed to better characterize current attenuation mechanisms and/or select the appropriate reactive media mix for a PRB wall.	Difficult. Trenching at depth through bedrock (up to 40 feet) would be required to install a mix of reactive materials in the subsurface. Placement of reactive material in bedrock fracture zones to capture groundwater would be a complex construction method. Once installed, treatment will be passive and O&M requirements are minimal if replacement of the PRB is not necessary.	Minimal impacts are expected following the construction of the remedy. However, certain PRB methods have the potential to create anaerobic conditions downgradient of the PRB wall that may mobilize redox-sensitive naturally-occurring constituents. These conditions need to be carefully monitored. Short-term impacts during the construction of the remedy can be mitigated through appropriate planning and health and safety measures.
Phytoremediation / *TreeWells*	Phytoremediation uses trees and other plants to degrade or immobilize constituents or achieve hydraulic control without the need for an above-ground water treatment system and infrastructure. Within the context of AP-1, this corrective measure would likely use an engineered (proprietary) TreeWell phytoremediation system along the point of compliance or downgradient edge of the impacted groundwater for hydraulic control. The system promotes root development to the targeted groundwater zone (depth), allowing for hydraulic control of impacted groundwater. In addition, immobilization of Be, Co, and Li within the root zone as well as incidental uptake of dissolved Be, Co, and Li with groundwater is expected to occur concurrent with hydraulic control.	Once established (typically at the end of the third growing season), a TreeWell system is effective for providing hydraulic containment of groundwater, and potential reduction of Be, Co, and Li concentrations through immobilization and/or uptake and sequestration in the tree biomass; however, the main purpose is to provide hydraulic control. Additional aquifer testing and/or groundwater flow modeling would be needed to confirm the suitability of this technology in the shallow bedrock and variable lithologic subsurface at WGWC-20 and WGWC-24.	Engineered phytoremediation is a proven technology where hydrogeologic factors are taken into account (e.g., hydraulic conductivity, flow velocity, depth to impacted groundwater zone, etc.). This is considered an active remedial approach through the use of trees as the "pumps" driving the system. Careful design will be needed to select the proper species, which will include consideration of groundwater chemistry, plant uptake of constituents, the nature of the subsurface, and groundwater flow modeling to evaluate the required number and placement of TreeWell units.	Reasonably implementable to moderate. Engineered approach has been proven effective, and specific depth zones can be targeted. Trees are installed as "tree wells" in a large diameter boring to get the roots deep enough to intercept impacted groundwater flow paths. Area must be clear of above and below-ground structures (i.e., power lines). The system, once established (approximately three growing seasons), is a self-maintaining, sustainable remedial system that has no external energy requirements and little maintenance (i.e., efforts normally associated with landscaping).	Minimal impacts are expected. In fact, there are several positive impacts expected, including enhanced aesthetics, wildlife habitat, and limited energy consumption.
Subsurface Vertical Barrier Walls	This approach involves placing a barrier to groundwater flow in the subsurface, frequently around a source area, to prevent future migration of dissolved constituents in groundwater from beneath the source to downgradient areas. In general, barrier walls are designed to provide containment; localized treatment achieved through the sorption or chemical precipitation reactions from construction of the walls are incidental to the design objective. A variety of barrier materials can be used, including cement and/or bentonite slurries, geomembrane composite materials, or driven materials such as steel or vinyl sheet pile. Groundwater extraction from upgradient of the barrier may be required to avoid groundwater mounding behind the barrier. A barrier wall might be used in conjunction with a "funnel and gate" system for a PRB rather than a stand-alone technology. Barrier walls can also be used in downgradient applications.	Barrier walls are a proven technology for seepage control and/or groundwater cutoff at impoundments. Slurry walls can be installed up to approximately 90 ft below ground surface (bgs), and groundwater impacts at the site are observed at depths less than 40 ft bgs. Within the context of WGWC-20, groundwater could either be directed to "treatment gates" for passive treatment (in a PRB) or migration of impacted groundwater could be minimized via barrier wall installation. The inward groundwater flow condition at WGWC-24 may not necessitate corrective action at this time. Additional subsurface investigations, aquifer testing, and compatibility testing with site-specific groundwater will be needed to assess applicability in the shallow bedrock subsurface environment.	Generally reliable as a barrier to groundwater flow; however, treatment of downgradient groundwater is typically not the primary objective.	Moderate to difficult. Trenching will be required to fill in the various slurry mixes; alternatively, sheet pile installations can be accomplished without excavation of trenches. The application of barrier walls is limited by the depth of installation and subsurface geology, which will be a consideration at AP-1. Installation methods and materials are readily available. Once installed, above-ground infrastructure to pump and treat groundwater may be required. O&M requirements are expected to include upkeep of infrastructure components (pumps, pipes, tanks, instrumentation and controls, above-ground treatment system) and handling of treatment residuals.	Minimal impacts are expected following the construction of the remedy. Short-term impacts during the construction of the remedy can be mitigated through appropriate planning and health and safety measures. Changes to groundwater flow patterns due to installation of the barrier wall are expected, which can affect other aspects of groundwater corrective action. Pumping activity may unintentionally alter the geochemistry within the hydraulic capture zone that may result in the mobilization of other constituents that may require treatment.

Table 2
Evaluation of Remedial Technologies
Georgia Power Company
Plant Wansley - Ash Pond 1
Heard and Carroll Counties, GA

Regulatory Citation for Criteria:	40 CFR 257.96(C)(2)	40 CFR 257.96(C)(3)			
Corrective Measure	Time Requirement to Begin/Complete	Institutional Requirements	Other Env or Public Health Requirements	Relative Costs	Evaluation of Retainage
Geochemical Approaches (In-Situ Injection)	Installation of the injection network can be accomplished relatively quickly (1 to 2 months). However, a thorough pre-design investigation, geochemical modeling, and/or bench- and/or pilot-testing will be required to obtain design parameters prior to design and construction of the corrective measure, which may take up to 24 months. Once installed, the time required to achieve GWPS within the treatment area may be relatively quick but depends on the attenuation process kinetics of each targeted constituent. The time for complete distribution of the injected materials throughout the treatment area is also variable.	No institutional requirements are expected at this time.	Based on the results of the Risk Evaluation Report (Appendix A of the ACM Report), SSL-related constituents (Li and Be) evaluated from AP-1 are not expected to pose a risk to human health and the environment; Co will be added to a revised version of the Risk Evaluation as part of the Remedy Selection Report. Georgia Power will continue to proactively evaluate the data and update this evaluation, if necessary. Based on downgradient sampling results, there currently are no complete exposure pathways for potential receptors downgradient of WGWC-20; a risk evaluation in vicinity of WGWC-24 is pending. Potential for mobilization of redox-sensitive constituents exists during implementation of an anerobic attenuation approach.	Medium to high (depending on expanse of injection network required, injection dispersion requirements in bedrock, and injectate volume required per derived design parameters).	Remedial approach retained as a targeted injection layout may result in decreased concentrations of Be and Co in groundwater below the GWPS; may be used as a stand-alone corrective measure or in conjunction with other potential groundwater corrective measures. Further evaluation would be required to understand applicability and efficacy to treat Li.
Hydraulic Containment ("Pump and Treat")	Installation of extraction wells and/or trenches can be accomplished relatively quickly (1 to 2 months). However, additional aquifer testing, system design and installation, and permit approval may be required, which may take up to 24 months. The initiation of the approach would be contingent on the start-up of the wastewater treatment infrastructure (if being utilized). Hydraulic containment can be achieved relatively quickly after startup of the extraction system, but uncertainty exists with respect to the time to achieve GWPS without additional data collection to better understand attenuation mechanisms for Be, Co, and Li.	Depending on the effluent management strategy, modifications to the existing NPDES permit may be required, or obtaining a UIC permit will be needed if groundwater reinjection is chosen.	Based on the results of the Risk Evaluation Report (Appendix A of the ACM Report), SSL-related constituents (Li and Be) evaluated from AP-1 are not expected to pose a risk to human health and the environment; Co will be added to a revised version of the Risk Evaluation as part of the Remedy Selection Report. Georgia Power will continue to proactively evaluate the data and update this evaluation, if necessary. Based on downgradient sampling results, there currently are no complete exposure pathways for potential receptors downgradient of WGWC-20; a risk evaluation in vicinity of WGWC-24 is pending. Above-ground treatment components may need to be present for an extended period of time, generating residuals requiring management and disposal.	Medium to high (depending on remedy duration, complexity of above-ground treatment system, and volume of water processed).	P&T is a potentially viable corrective measure for Be, Co, and Li in groundwater and will be retained for further evaluation.
Monitored Natural Attenuation (MNA)	The infrastructure to initiate MNA is already in place. Demonstrating attenuation mechanisms and capacity can be time-consuming and can take up to 24 months. MNA is expected to be successful within a reasonable time frame following pond closure. Engineering measures will be implemented to minimize potential impacts to the subsurface during closure activities and routine groundwater monitoring will be used to verify that groundwater impacts remain stable or decrease over time.	No institutional requirements are expected at this time.	Based on the results of the Risk Evaluation Report (Appendix A of the ACM Report), SSL-related constituents (Li and Be) evaluated from AP-1 are not expected to pose a risk to human health and the environment; Co will be added to a revised version of the Risk Evaluation as part of the Remedy Selection Report. Georgia Power will continue to proactively evaluate the data and update this evaluation, if necessary. Based on downgradient sampling results, there currently are no complete exposure pathways for potential receptors downgradient of WGWC-20; a risk evaluation in vicinity of WGWC-24 is pending. Little to no physical disruption to remediation areas and no adverse construction related impacts are expected on the surrounding community.	Low. Minimal cost requirements.	Under current conditions, attenuation processes for Be, Co, and Li are already occurring as evidenced by groundwater data from assessment wells associated with WGWC-20 and WGWC-24. Therefore, MNA is a potentially viable corrective measure and will be retained for further evaluation, either as a stand-alone corrective measure or in conjunction with other potential groundwater corrective measures.
Permeable Reactive Barrier	Installation of a PRB can be accomplished relatively quickly (6 to 12 months), depending on the final location and configuration. WGWC-20 and WGWC-24 would require installation of two systems for use in both locations due to distance, however current groundwater flow for WGWC-24 is inward toward AP-1 and may not necessitate corrective action at this time. Bench- and/or pilot-testing would be required to obtain design parameters prior to design and construction of the remedy, which may take up to 24 months. Once installed, the time to achieve GWPS downgradient of the PRB is anticipated to be relatively quick.	No institutional requirements are expected at this time.	Based on the results of the Risk Evaluation Report (Appendix A of the ACM Report), SSL-related constituents (Li and Be) evaluated from AP-1 are not expected to pose a risk to human health and the environment; Co will be added to a revised version of the Risk Evaluation as part of the Remedy Selection Report. Georgia Power will continue to proactively evaluate the data and update this evaluation, if necessary. Based on downgradient sampling results, there currently are no complete exposure pathways for potential receptors downgradient of WGWC-20; a risk evaluation in vicinity of WGWC-24 is pending. Following installation, the remedy is passive (but may require replacement). However, certain treatment media (such as ZVI) have the potential to mobilize naturally-occurring constituents downgradient of the PRB.	High (for installation) - minimal O&M requirements if replacement is not necessary.	Due to limited space and significant infrastructure downgradient of WGWC-20 and the direction of groundwater flow at WGWC-24 inward to AP-1, PRB has not been retained for further consideration.
Phytoremediation / *TreeWells*	The design phase will require groundwater modeling for optimal placement of the TreeWell units, which may take up to 6 months. Additional aquifer testing and design will likely be required, which may take up to 24 months. Depending on the number of required units, the installation effort is expected to last several weeks. Hydraulic capture/control is expected approximately three years after planting and system performance is expected to further improve over time.	No institutional requirements are expected at this time.	Based on the results of the Risk Evaluation Report (Appendix A of the ACM Report), SSL-related constituents (Li and Be) evaluated from AP-1 are not expected to pose a risk to human health and the environment; Co will be added to a revised version of the Risk Evaluation as part of the Remedy Selection Report. Georgia Power will continue to proactively evaluate the data and update this evaluation, if necessary. Based on downgradient sampling results, there currently are no complete exposure pathways for potential receptors downgradient of WGWC-20; a risk evaluation in vicinity of WGWC-24 is pending. Following installation, the remedy is passive and does not require external energy.	Medium to high (for installation) - minimal O&M requirements.	Given groundwater depth and SSL exceedance depth at the Site, phytoremediation is likely not a viable groundwater corrective measure. In addition, the fractured shallow bedrock, variable subsurface lithology, and significant infrastructure in the vicinity will make plant selection and planting layout difficult.
Subsurface Vertical Barrier Walls	Installation of a barrier wall can be accomplished relatively quickly (6 to 12 months), depending on the final location and configuration. However, design and additional aquifer and compatibility testing will be required, which may take up to 24 months. Once installed, preventing migration of constituents dissolved in groundwater is anticipated to be relatively quick. Since this approach does not treat the downgradient area of impacted groundwater but prevents migration from a source area, it will likely have to be maintained long-term and coupled with other approaches.	No institutional requirements are expected at this time.	Based on the results of the Risk Evaluation Report (Appendix A of the ACM Report), SSL-related constituents (Li and Be) evaluated from AP-1 are not expected to pose a risk to human health and the environment; Co will be added to a revised version of the Risk Evaluation as part of the Remedy Selection Report. Georgia Power will continue to proactively evaluate the data and update this evaluation, if necessary. Based on downgradient sampling results, there currently are no complete exposure pathways for potential receptors downgradient of WGWC-20; a risk evaluation in vicinity of WGWC-24 is pending. Due to the need for groundwater extraction associated with barrier walls, above-ground treatment components may need to be present for an extended period of time, generating residuals requiring management and disposal.	High (depending on length and depth of wall, subsurface geologic considerations, remedy duration and complexity of above-ground treatment system).	Due to limited space and significant infrastructure downgradient of WGWC-20 and the direction of groundwater flow at WGWC-24 inward to AP-1, subsurface vertical barrier walls have not been retained for further consideration.

FIGURES



N

Legend

Approximate Property Boundary

Approximate AP-1 Boundary

Note:
1. Service Layer Credit Sources:
- Immediate vicinity of AP-1: SAM LLC, December 31, 2025.
- Surrounding area: SAM LLC, January 30, 2024, and Source: Esri, Vantor, Earthstar Geographics, and the GIS User Community.

0 700 1,400 2,800

SCALE IN FEET

SITE LOCATION MAP

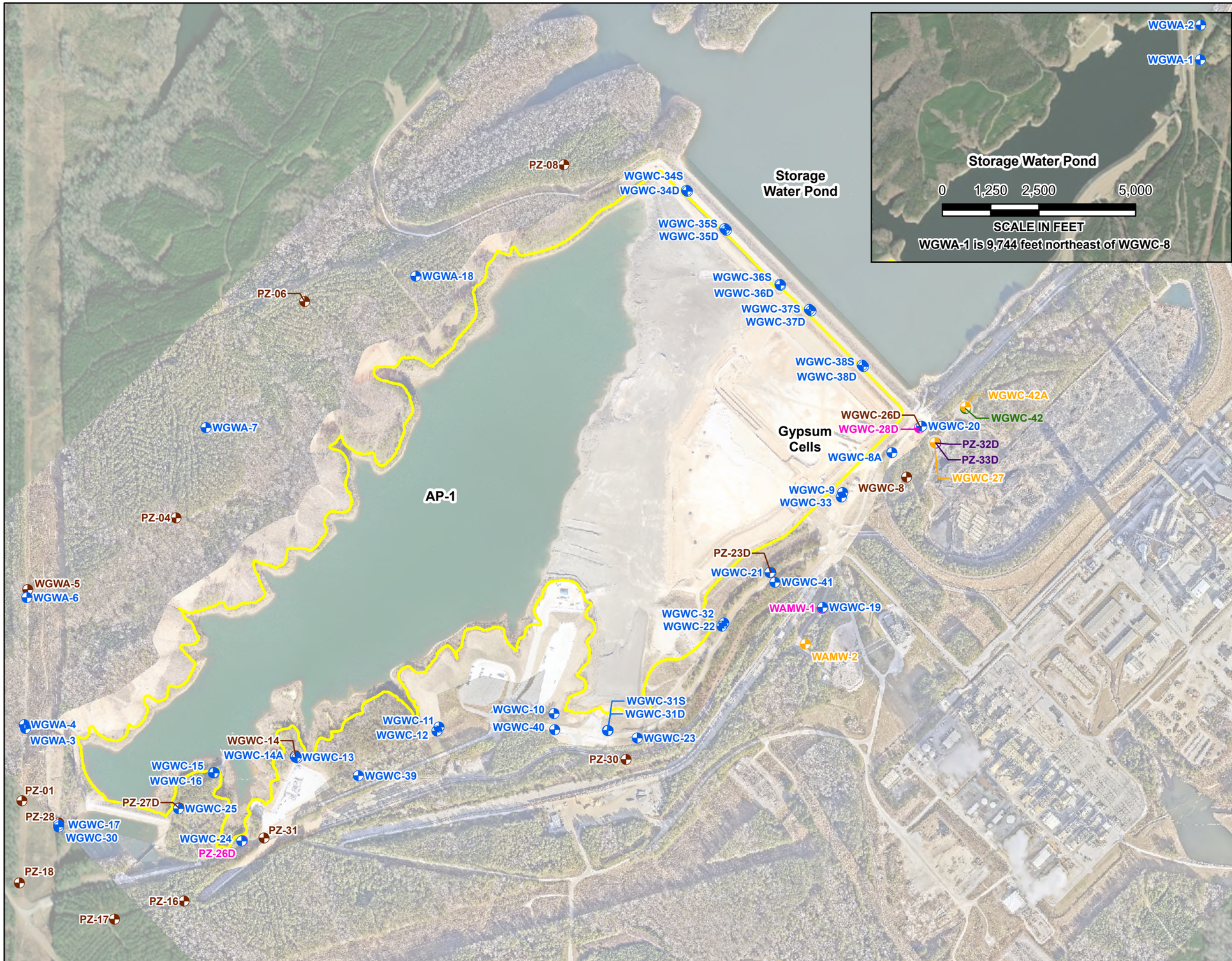
GEORGIA POWER COMPANY
PLANT WANSLEY AP-1
HEARD AND CARROLL COUNTIES, GEORGIA

Prepared For: Georgia Power

Prepared By: Geosyntec consultants

KENNESAW, GA | AUGUST 2026

FIGURE 1



N

Legend

- Detection Monitoring Well
- Horizontal Assessment Monitoring Well
- Vertical Assessment Monitoring Well
- Piezometer
- Horizontal Assessment Monitoring Well (Abandoned)
- Piezometer (Abandoned)
- Approximate AP-1 Boundary

Notes:
1. Horizontal Assessment Monitoring Well WGWC-42A was installed on April 21, 2026, and replaced WGWC-42 which was abandoned on February 2, 2026.
2. Piezometers PZ-32D and PZ-33D were abandoned on July 9, 2026.
3. Service Layer Credit Sources:
- Immediate vicinity of AP-1: SAM LLC, December 31, 2025.
- Surrounding area: SAM LLC, January 30, 2024, and Source: Esri, Vantor, Earthstar Geographics, and the GIS User Community.

0 400 800 1,600

SCALE IN FEET

GROUNDWATER MONITORING WELL NETWORK MAP

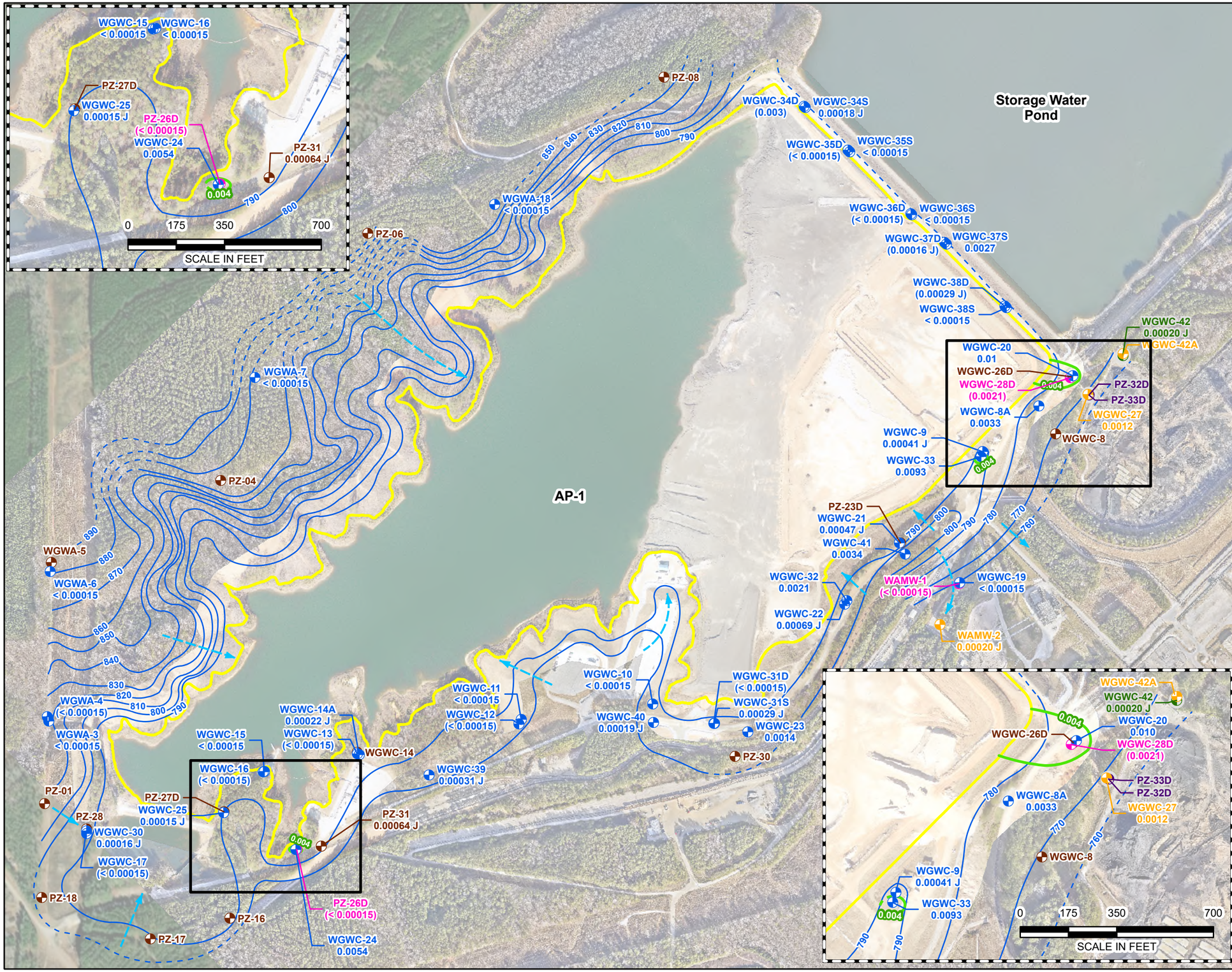
GEORGIA POWER COMPANY
PLANT WANSLEY AP-1
HEARD AND CARROLL COUNTIES, GEORGIA

Prepared For: Georgia Power

Prepared By: Geosyntec consultants

KENNESAW, GA | AUGUST 2026

FIGURE 2



N

Legend

- Detection Monitoring Well
- Horizontal Assessment Monitoring Well
- Vertical Assessment Monitoring Well
- Piezometer
- Horizontal Assessment Monitoring Well (Abandoned)
- Piezometer (Abandoned)
- Groundwater Elevation Iso-Contour (February 2026) (dashed where inferred)
- Approximate Groundwater Flow Direction
- Beryllium GWPS Iso-Concentration Contour (mg/L) (dashed where inferred)
- Approximate AP-1 Boundary

Notes:
1. Concentration data from groundwater samples were collected in February 2026, with the exception of WGWC-42 which was collected in January 2026, prior to well abandonment.
2. Concentrations are reported in milligrams per liter (mg/L).
3. Water level elevation recorded on February 9, 2026. Elevation provided in feet (ft) referenced to the North American Vertical Datum (NAVD) 88.
4. The Groundwater Protection Standard (GWPS) for Beryllium is 0.0040 mg/L.
5. J - Estimated value and detected between the analytical method detection
limit and the reporting limit.
6. Data in parentheses were not used to develop iso-concentration contours. These wells are screened in a different zone or lithologic material in the aquifer.
7. Horizontal Assessment Monitoring Well WGWC-42A was installed on April 21, 2026, and replaced WGWC-42 which was abandoned on February 2, 2026.
8. Piezometers PZ-32D and PZ-33D were abandoned on July 9, 2026.
9. Service Layer Credit Sources:
- Immediate vicinity of AP-1: SAM LLC, December 31, 2025.
- Surrounding area: SAM LLC, January 30, 2024, and Source: Esri, Vantor, Earthstar Geographics, and the GIS User Community.

0 400 800 1,600

SCALE IN FEET

ISO-CONCENTRATION MAP, BERYLLIUM - FEBRUARY 2026

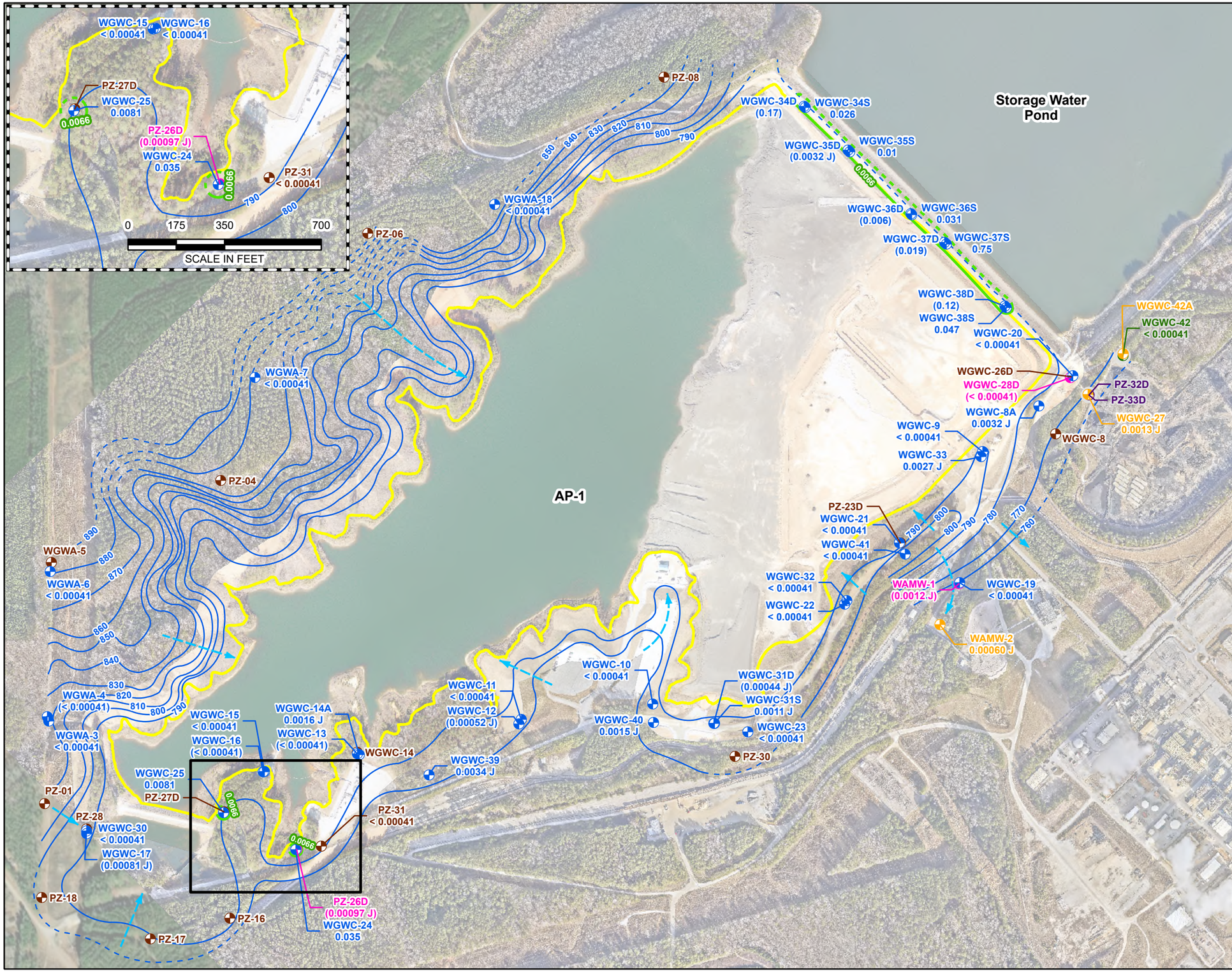
GEORGIA POWER COMPANY
PLANT WANSLEY AP-1
HEARD AND CARROLL COUNTIES, GEORGIA

Prepared For: Georgia Power

Prepared By: Geosyntec consultants

KENNESAW, GA | AUGUST 2026

FIGURE 3



N

Legend

- Detection Monitoring Well
- Horizontal Assessment Monitoring Well
- Vertical Assessment Monitoring Well
- Piezometer
- Horizontal Assessment Monitoring Well (Abandoned)
- Piezometer (Abandoned)
- Groundwater Elevation Iso-Contour (February 2026) (dashed where inferred)
- 0.0066 Approximate Groundwater Flow Direction
- Cobalt GWPS Iso-Concentration Contour (mg/L) (dashed where inferred)
- Approximate AP-1 Boundary

Notes:
1. Concentration data from groundwater samples were collected in February 2026, with the exception of WGWC-42 which was collected in January 2026, prior to well abandonment.
2. Concentrations are reported in milligrams per liter (mg/L).
3. Water level elevation recorded on February 9, 2026. Elevation provided in feet (ft) referenced to the North American Vertical Datum (NAVD) 88.
4. The Groundwater Protection Standard (GWPS) for Cobalt is 0.0066 mg/L.
5. J - Estimated value and detected between the analytical method detection
limit and the reporting limit.
6. Data in parentheses were not used to develop iso-concentration contours. These wells are screened in a different zone or lithologic material in the aquifer.
7. Horizontal Assessment Monitoring Well WGWC-42A was installed on April 21, 2026, and replaced WGWC-42 which was abandoned on February 2, 2026.
8. Piezometers PZ-32D and PZ-33D were abandoned on July 9, 2026.
9. Service Layer Credit Sources:
- Immediate vicinity of AP-1: SAM LLC, December 31, 2025.
- Surrounding area: SAM LLC, January 30, 2024, and Source: Esri, Vantor, Earthstar Geographics, and the GIS User Community.

0 400 800 1,600

SCALE IN FEET

ISO-CONCENTRATION MAP, COBALT - FEBRUARY 2026

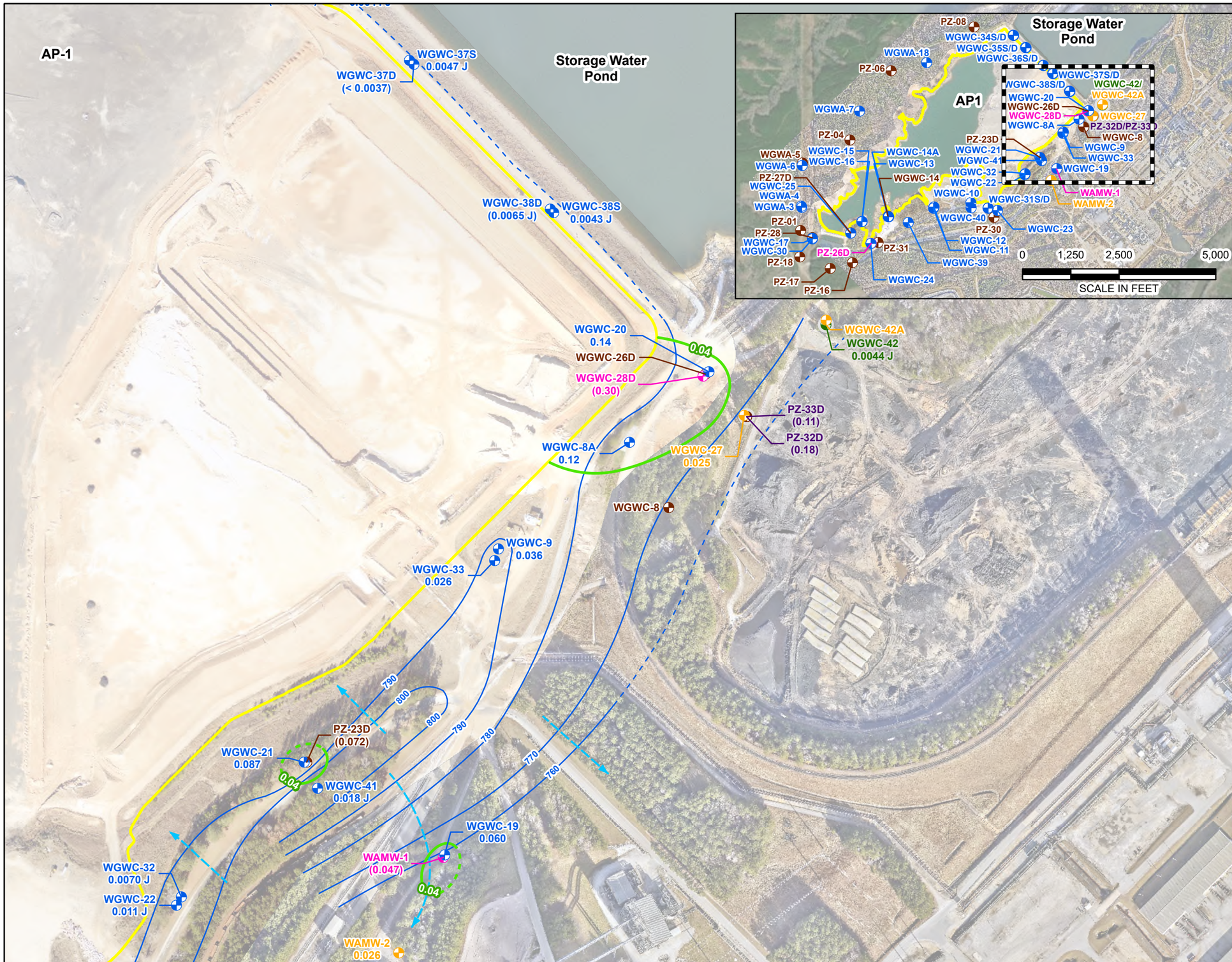
GEORGIA POWER COMPANY
PLANT WANSLEY AP-1
HEARD AND CARROLL COUNTIES, GEORGIA

Prepared For: Georgia Power

Prepared By: Geosyntec consultants

KENNESAW, GA | AUGUST 2026

FIGURE 4



N

Legend

- Detection Monitoring Well
- Horizontal Assessment Monitoring Well
- Vertical Assessment Monitoring Well
- Piezometer
- Horizontal Assessment Monitoring Well (Abandoned)
- Piezometer (Abandoned)
- Groundwater Elevation Iso-Contour (February 2026) (dashed where inferred)
- 0.040 Approximate Groundwater Flow Direction
- Lithium GWPS Iso-Concentration Contour (mg/L) (dashed where inferred)
- Approximate AP-1 Boundary

Notes:
1. Concentration data from groundwater samples were collected in February 2026, with the exception of WGWC-42 which was collected in January 2026, prior to well abandonment.
2. Concentrations are reported in milligrams per liter (mg/L).
3. Water level elevation recorded on February 9, 2026. Elevation provided in feet (ft) referenced to the North American Vertical Datum (NAVD) 88.
4. The Groundwater Protection Standard (GWPS) for Lithium is 0.040 mg/L.
5. J - Estimated value and detected between the analytical method detection
limit and the reporting limit.
6. Data in parentheses were not used to develop iso-concentration contours. These wells are screened in a different zone or lithologic material in the aquifer.
7. Horizontal Assessment Monitoring Well WGWC-42A was installed on April 21, 2026, and replaced WGWC-42 which was abandoned on February 2, 2026.
8. Piezometers PZ-32D and PZ-33D were abandoned on July 9, 2026.
9. Service Layer Credit Sources:
- Immediate vicinity of AP-1: SAM LLC, December 31, 2025.
- Surrounding area: SAM LLC, January 30, 2024, and Source: Esri, Vantor, Earthstar Geographics, and the GIS User Community.

0 150 300 600

SCALE IN FEET

ISO-CONCENTRATION MAP, LITHIUM - FEBRUARY 2026

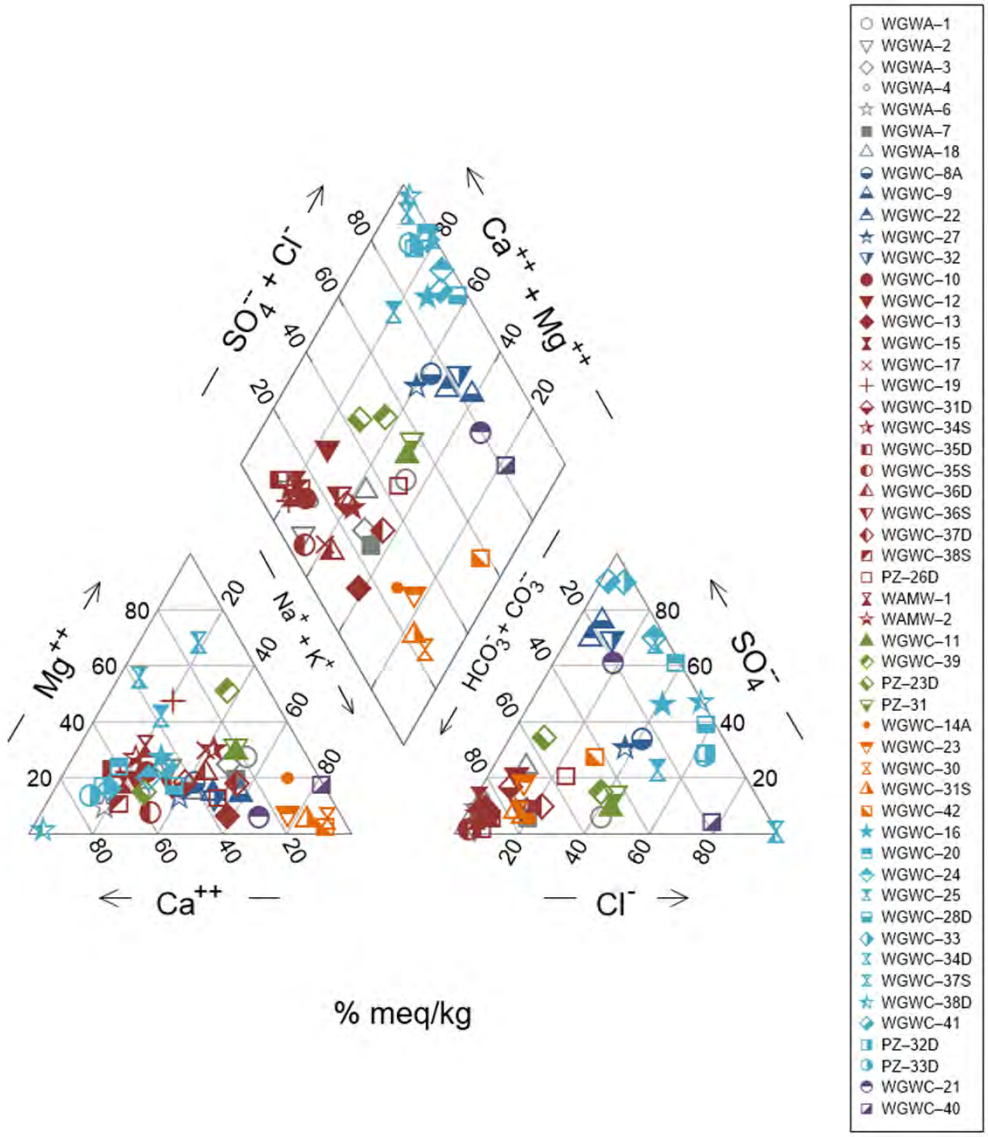
GEORGIA POWER COMPANY
PLANT WANSLEY AP-1
HEARD AND CARROLL COUNTIES, GEORGIA

Prepared For: Georgia Power

Prepared By: Geosyntec consultants

KENNESAW, GA | AUGUST 2026

FIGURE 5



Notes:
1. Analytical data collected for all wells in February 2026, with the exception of WGWC-42, where the analytical data were obtained in January 2026.

Piper Diagrams

Georgia Power Company
Plant Wansley AP-1
Heard and Carroll County, Georgia

Prepared For: Georgia Power

Prepared By: Geosyntec consultants

Kennesaw, GA

August 2026

FIGURE 6